



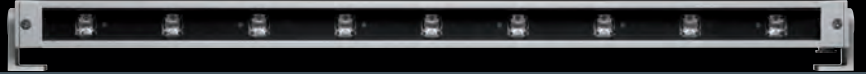
Electrical lighting has a great impact on urban environments at night. Innumerable light sources play their part. Excessive or uncontrolled exterior lighting, however, causes light pollution. For this reason precise optics are a very important aspect for the development of exterior lighting products.

New and innovative light sources as well as advanced materials are continuously being used in our range of lighting products. The main criterion for the evaluation of new technical possibilities is always the lasting and practical advantage for lighting projects.

Exterior lighting products are generally installed permanently in all sorts of architectural environments. That is why we strive to make our product design timeless and neutral. Our products work with precision and reliably behind the scenes and do not try to push themselves into the foreground. They are discreet and allow the architecture to present itself advantageously at night.

The latest information on products, projects and our company can be found on the Meyer web site.

www.meyer-lighting.com

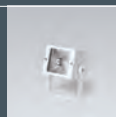
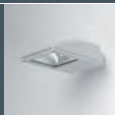


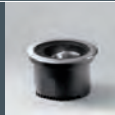


The technical progress of light sources and optical systems for directing light are a major innovative force behind the development of new luminaries. Meyer makes use of this potential to develop more efficient and durable products for exterior lighting. The trend towards smaller electronic components has led to the development of even more compact lighting products.

The use of LEDs in architectural lighting opens the door to completely new lighting design possibilities. Using very precise optics the light can be easily directed to where it is required. The efficiency of the luminaire increases and stray light can be eliminated. Elegant lighting effects created using extremely small products is the result.

In order to utilise the longevity of LEDs, the luminaries must be engineered accordingly. Heat dissipation and the protection of electronic components play a major role. Meyer ensures that its products are future-proof by offering the LED modules as a spare part.

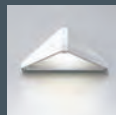
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270 Ground-recessed luminaires		

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Various different luminaire series have won international design awards.

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Light and reflection give this prominent footbridge its name. The twin arches reflect in the water at night and form the mathematical symbol for infinity (∞). The iconic Infinity Bridge spans the river Tees with a length of 125 metres and has already become a symbol for structural change in the North East of England.

Cool white light from Nightvision luminaires emphasises the architecture and creates an impression of a cloud hovering above the walkway. Blue light is reflected in the water under the bridge and creates a blue haze across the river. All the light fittings have been carefully hidden from view; the floodlights are mounted on outriggers so that they are not perceived by pedestrians and cannot cause any glare.



Lighting Design:
Speirs+Major Associates,
Edinburgh/London



Nightvision, page 64

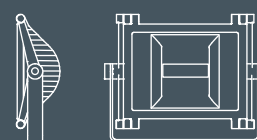
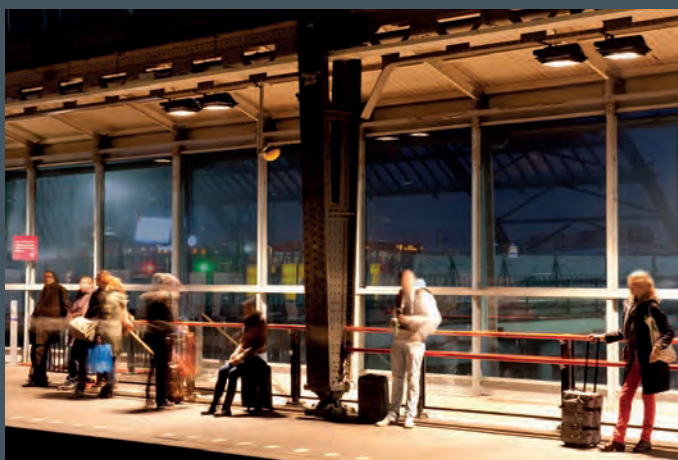


Amsterdam Centraal was designed by the architect Pierre Cuypers (who was also the architect behind the Rijksmuseum) and opened in 1889. With more than 250,000 passengers using this station every day, it is now one of the Netherlands' busiest traffic points.

Nightscape floodlights with custom made reflectors provide uniform and accurate illumination of the platforms. The cut off angle was limited to 35° from horizontal to avoid glare for passengers leaving trains. Every second luminaire was fitted with an additional halogen lamp for emergency lighting. Most of the floodlights are mounted on a tubular steel bar which is suspended from the cast iron roof construction. Carrying out the installation during normal working hours proved to be very challenging, especially since sections of the platforms had to be closed.



Lighting Design:
Ulrike Brandt Licht,
Hamburg/Munich



Nightscape, page 82



The Cologne Oval Offices on Gustav-Heinemann-Ufer are state of the art offices in the heart of Cologne, on the west bank of the river Rhine. The organic shape of the building blends in to the surrounding riverside landscape exceptionally well. The coloured façade upholds the organic character of the architecture.

The green and red façade elements are designed to be visible also at night. This is achieved by illuminating the coloured glass sunscreens which are amorphously arranged on the side of the building towards the main road and the Rhine. This was done using Superlight Compact S narrow beam spots which have been recessed into the window sills. Custom made trim frames allow for flush installation which means that the luminaires basically disappear from view.



Lighting Design:
a.g Licht, Bonn
Architecture:
Sauerbruch Hutton, Berlin



Superlight Compact S, page 98

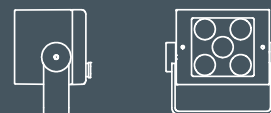


No. 1 Martin Place was built by the architect James Barnet in 1891 as the central post office and is part of a group of historical buildings in the centre of Sydney, Australia. Today this building houses a luxury hotel, shops, restaurants and a bank.

The neoclassical sandstone façade was previously illuminated with halogen floodlights. The main requirement of the new lighting design was to create a comfortable atmosphere with modern technology products. This was achieved using Superlight Compact Micro floodlights equipped with extra warm white LEDs which thanks to their compact dimensions, are very unobtrusive on the façade of the building. Low power consumption and minimal maintenance make this a sustainable lighting project with convincing aesthetics.



Lighting Design:
Point of View, Melbourne/Sydney



Superlight Compact Micro, page 98



The neoclassical buildings of the Museum of Fine Arts in Boston were built under the auspices of the architect Guy Lowell in 1909. With more than one million visitors p.a. it is one of the most important museums of fine art in the U.S. and worldwide.

The north elevation is dominated by a continuous colonnade. So as to retain this visual effect at night, the columns are illuminated from the ground upwards. In order to accentuate their vertical character it was important to achieve uniform illumination. Nightvision luminaires with horizontally wide beam and vertically narrow beam optics were able to provide the required effect. These were fitted with custom made cowls since visitors to the museum pass by the luminaires at eye level.



Lighting Design:
George Sexton Associates, Washington, DC



Nightvision, page 64

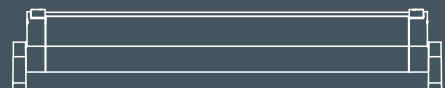


The Stockholm suburb Vällingby was built in the 1950's and became famous as a well planned model in which Working and Living are integrated in one area of the city.

The lighting causes the façade to glow and makes it stand out. The increasing transparency of the silk-screened glass from bottom to top is enhanced by the fading light, revealing the red skin behind it. This dramatic effect is achieved with luminaires from the Nightline L series which are installed between the glass panels and the façade construction. The lighting design for K:fem was distinguished with the Special Citation at the IALD 26th International Design Awards, the Nordic Light Award and the Swedish Light Award.



Lighting Design:
Ljusarkitektur AB, Stockholm



Nightline L, page 322

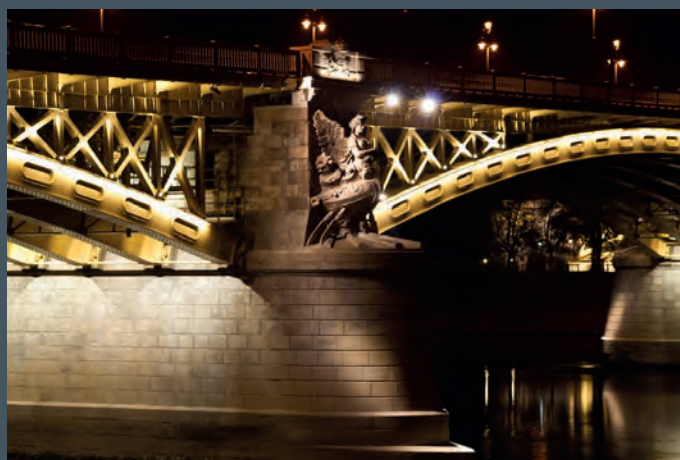


The Margaret bridge connects the two parts of the city Buda and Pest via the tip of Margaret Island in the Danube. The bridge was designed by the French engineer Ernest Goüin and was commissioned in 1876. It was rebuilt in 1948 after having been blown up during WWII. In 2009 it underwent a major overhaul programme.

The steel structure above the arches and on the underside of the bridge as well as the stone pillars had to be illuminated with energy saving, low maintenance products. This has been achieved using Superlight Compact Micro LED floodlights with various light distributions. The warm white colour temperature of the LEDs accentuates the beige colour of the bridge. The luminaires were painted in a special RAL colour to match the steel structure.



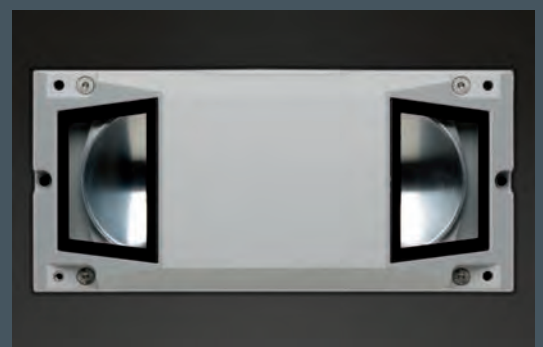
Lighting Design:
Lisys Lighting Systems PLC., Budapest



Superlight Compact Micro, page 98

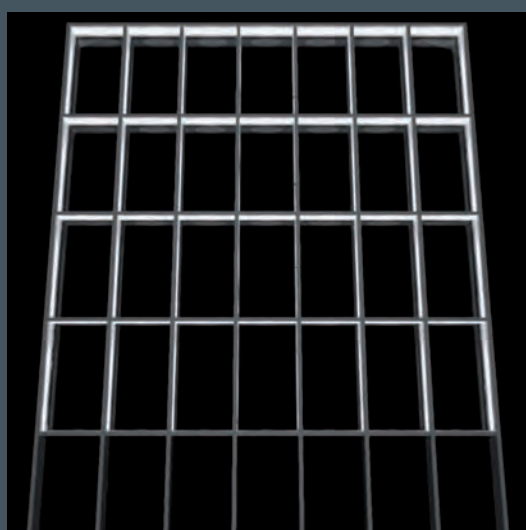
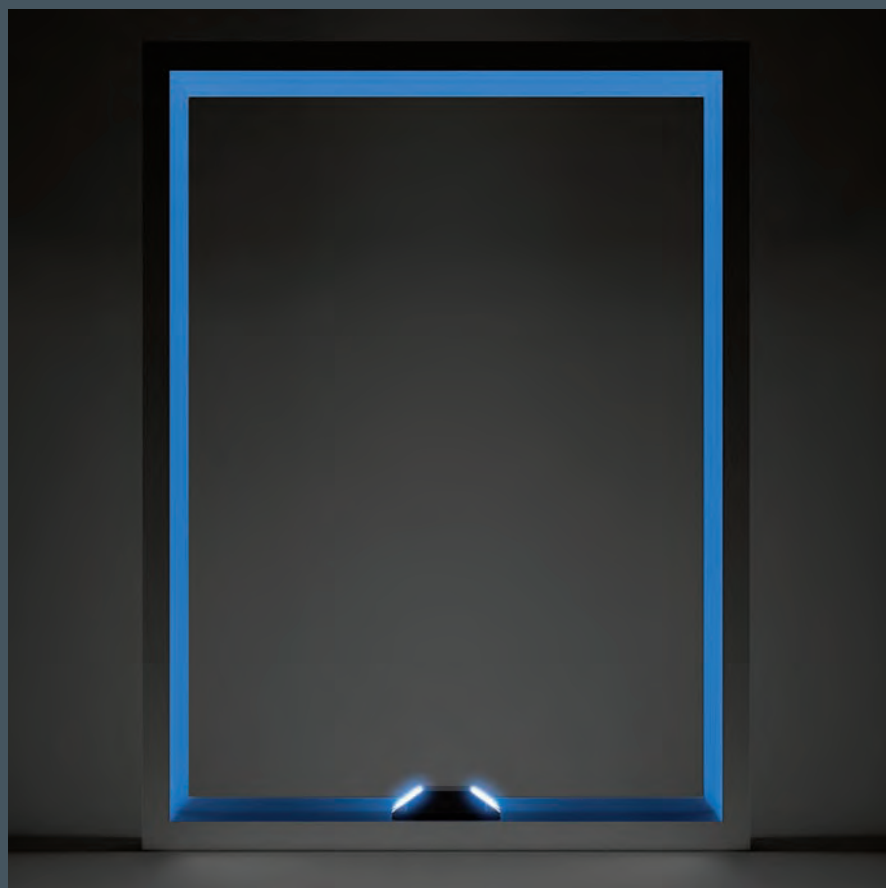


Arclight is a luminaire for the accent lighting of window reveals. The light from 2 LEDs is directed from the opposite sides of the luminaire, via specially developed reflectors, onto the window reveal. The result is a uniform arc of light. A complete window reveal can be illuminated using just one luminaire.

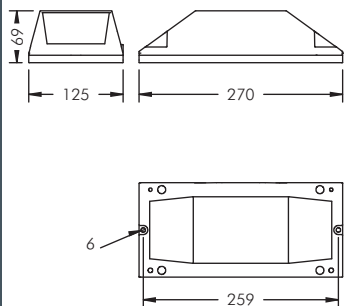


Using 2 LEDs the highly efficient optical system creates an arc of light inside window reveals.

Interesting lighting effects can be created on a façade with very little energy consumption. Also available in single colour LED.



Highlighting window reveals accentuates the structure of the façade.

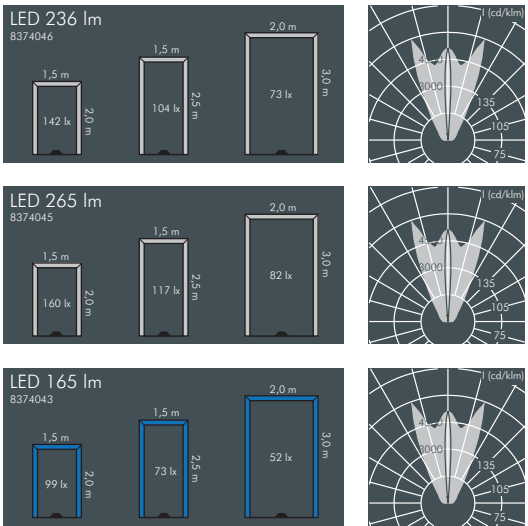


Arclight

With 2 x 3 W high performance LEDs, protection class I, IP65 , IK08 light directed by a high-end optical system, die cast aluminium housing, polyester powder coated, all exterior steel parts are stainless steel, tempered high transmission safety glass, silicon gasket, 2 drilled holes Ø 6 mm, spacing 259 mm, 2 x M20 cable glands, 4 x M6 grub screws to offset inclined surfaces, integral converter

Arclight					
Part number	Colour	Light source	Weight	Main beam angle γ	
8 374 046 009	black	2 x LED 3 W warm white	1.6 kg	C 0 – 180	C 90 – 270
8 374 066 009	white			10°	180°
8 374 056 009	silver grey				
Part number	Colour	Light source	Weight	Main beam angle γ	
8 374 045 009	black	2 x LED 3 W neutral white	1.6 kg	C 0 – 180	C 90 – 270
8 374 065 009	white			10°	180°
8 374 055 009	silver grey				
Part number*	Colour	Light source	Weight	Main beam angle γ	
8 374 043 009	black	2 x LED 3 W blue	1.6 kg	C 0 – 180	C 90 – 270
8 374 063 009	white			10°	180°
8 374 053 009	silver grey				

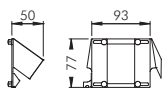
*The luminaire can also be supplied with monochrome LEDs (amber, red, green) upon request.



Light source

LEDs, replacement modules available





Accessories for Arclight		
Part number	Colour	Description
123 0 367 940	black	Glare shield
123 0 367 960	white	
123 0 367 950	silver grey	



The glare shield can be used to cut off part of the light output on narrow window reveals.



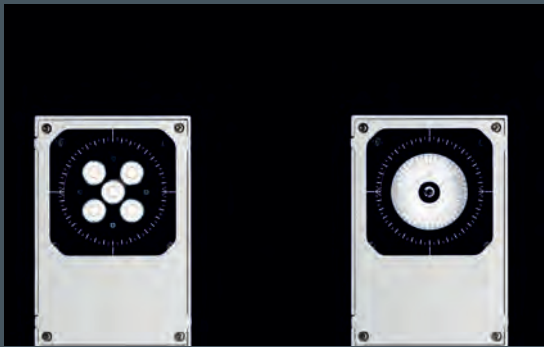
The Nightfocus range of façade luminaires follows a clear concept of discreet and nearly “invisible” lighting products. The result is a clear and simple rectangular body. The extreme compactness of these luminaires is made possible by the use of miniature metal halide lamps and LEDs. They also offer solutions for the most demanding applications with a wide range of lockable, gimbal mounted reflectors or LED modules with various different optical distributions. A modular system for combining two luminaires in an up / down configuration offers a whole range of further possibilities.

Design: Roy Fleetwood
2010 GOOD DESIGN AWARD

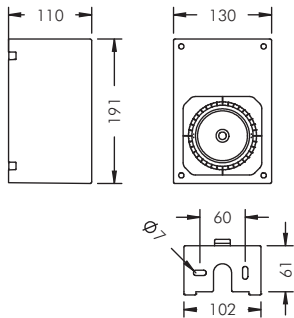


Two independent modular luminaires can be combined in an up / down configuration. These can be with different light sources and / or distributions.

The Nightfocus range offers precise lighting tools for façade illumination. The compact housing and the minimalist rectangular form allow these products to be integrated discreetly into any architectural environment.



Nightfocus is available with rotationally symmetrical reflectors with different beam angles or with asymmetrical reflectors. Alternatively they can be supplied with LED modules and a range of different optical lenses.



Nightfocus Rotationally symmetrical narrow beam

For ceramic metal halide lamps (HIT-TC-CE), protection class I, IP65 , IK08 die cast aluminium housing, polyester powder coated, gimbal mounted high purity aluminium reflector, adjustment range 0-15°, all exterior steel parts stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, wall mounting: 2 drilled holes Ø 7 mm, spacing 60 mm, cable entry: up to Ø 13 mm recessed cable, integral electronic ballast, supplied without lamp

Nightfocus 20 W, gimbal mounted reflector, rotationally symmetrical, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 391 041 009	black	Philips CDM-Tm	PGJ5	3.4 kg	7°
8 391 061 009	white	20 W			
8 391 051 009	silver grey				

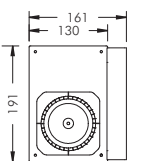
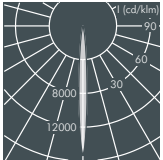
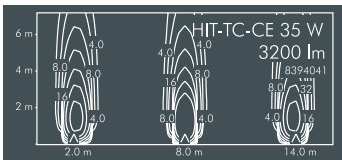
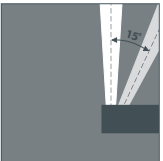
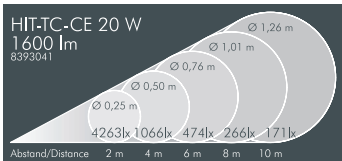
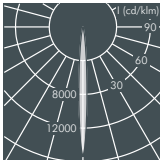
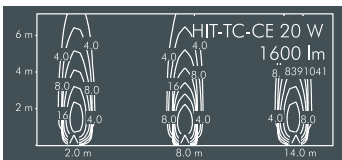
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 393 041 009	black	General Electric	GU6.5	3.4 kg	7°
8 393 061 009	white	CMH 20 W/			
8 393 051 009	silver grey	Osram HCHT 20 W			

Nightfocus 35 W, gimbal mounted reflector, rotationally symmetrical, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 394 041 009	black	General Electric	GU6.5	3.4 kg	9°
8 394 061 009	white	CMH 35 W/			
8 394 051 009	silver grey	Osram HCHT 35 W			

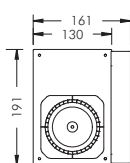
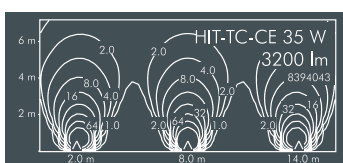
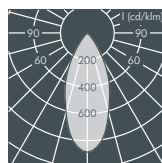
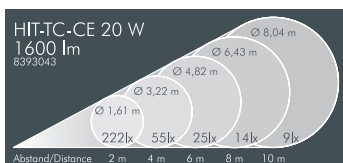
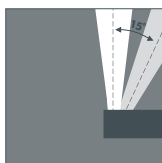
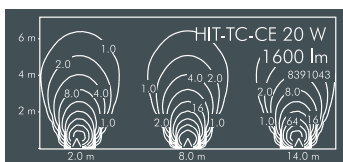
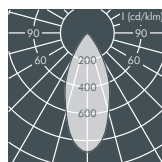
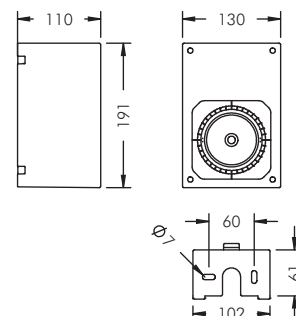
Nightfocus 20/35 W, gimbal mounted reflector, rotationally symmetrical, narrow beam

Part number	Description
. . . 1. . 009	Luminaire to be mounted lengthwise



Nightfocus Rotationally symmetrical wide beam

For ceramic metal halide lamps (HIT-TC-CE), protection class I, IP65 , IK08 die cast aluminium housing, polyester powder coated, gimbal mounted high purity aluminium reflector, adjustment range 0-15°, all exterior steel parts stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, wall mounting: 2 drilled holes Ø 7 mm, spacing 60 mm, cable entry: up to Ø 13 mm recessed cable, integral electronic ballast, supplied without lamp



Nightfocus 20 W, gimbal mounted reflector, rotationally symmetrical, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 391 043 009	black	Philips CDM-Tm	PGJ5	3.4 kg	44°
8 391 063 009	white	20 W			
8 391 053 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 393 043 009	black	General Electric	GU6.5	3.4 kg	44°
8 393 063 009	white	CMH 20 W/			
8 393 053 009	silver grey	Osram HCI-TF 20 W			

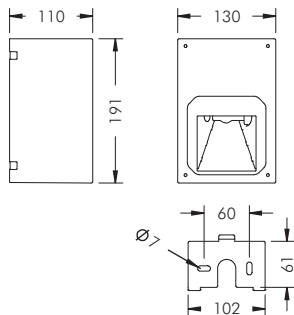
Nightfocus 35 W, gimbal mounted reflector, rotationally symmetrical, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 394 043 009	black	General Electric	GU6.5	3.4 kg	44°
8 394 063 009	white	CMH 35 W/			
8 394 053 009	silver grey	Osram HCI-TF 35 W			

Nightfocus 20/35 W, gimbal mounted reflector, rotationally symmetrical, wide beam

Part number	Description
... 1. . 009	Luminaire to be mounted lengthwise





Nightfocus
Asymmetrical
wide beam

For ceramic metal halide lamps (HIT-TC-CE), protection class I, IP65   , IK08 die cast aluminium housing, polyester powder coated, asymmetrical aluminium reflector, rotatable 4 x 90°, all exterior steel parts stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, wall mounting: 2 drilled holes Ø 7 mm, spacing 60 mm, cable entry: up to Ø 13 mm recessed cable, integral electronic ballast, supplied without lamp

Nightfocus 20 W, asymmetrical wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 391 044 009	black	Philips CDM-Tm 20 W	PGJ5	3.4 kg	C 0 – 180	C 90 – 270
8 391 064 009	white				70°	77°
8 391 054 009	silver grey					

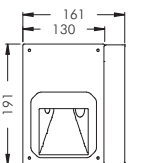
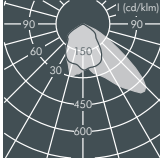
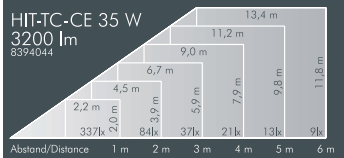
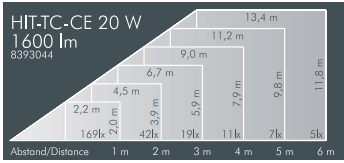
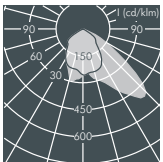
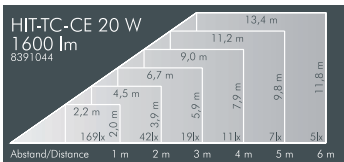
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 393 044 009	black	General Electric CMH 20 W/ Osram HCHT 20 W	GU6.5	3.4 kg	C 0 – 180	C 90 – 270
8 393 064 009	white				70°	77°
8 393 054 009	silver grey					

Nightfocus 35 W, asymmetrical wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 394 044 009	black	General Electric CMH 35 W/ Osram HCHT 35 W	GU6.5	3.4 kg	C 0 – 180	C 90 – 270
8 394 064 009	white				70°	77°
8 394 054 009	silver grey					

Nightfocus 20/35 W, asymmetrical wide beam

Part number	Description
... 1.. 009	Luminaire to be mounted lengthwise



The asymmetrical reflector unit can be rotated 4 x 90°, thus changing the direction of the light output.

Lamps (see page 364–365)

HIT-TC-CE

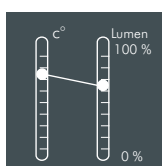
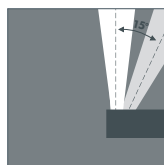
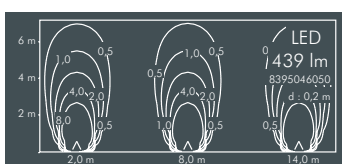
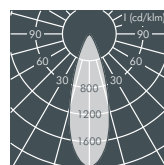
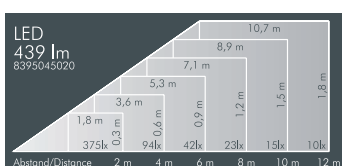
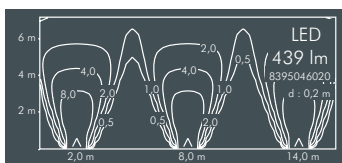
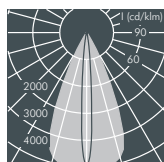
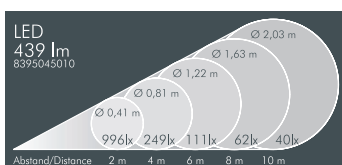
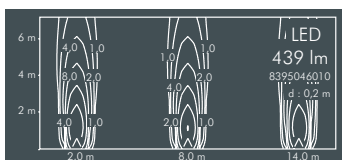
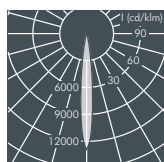
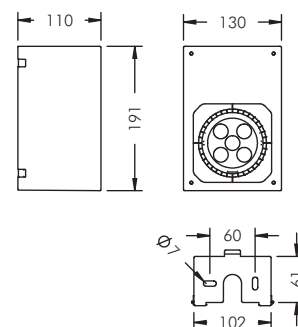


HIT-TC-CE



Nightfocus LED

With 5 x 1 W high performance LEDs,
integral thermal monitoring device,
protection class I, IP65 , IK08
die cast aluminium housing, polyester powder
coated, gimbal mounted LED board, adjustment
range 0-15°, all exterior steel parts stainless steel,
tempered safety glass, silicon gasket,
closure with 4 stainless steel screws,
wall mounting: 2 drilled holes Ø 7mm,
spacing 60mm, cable entry:
up to Ø 13mm recessed cable,
on-board driver and integral transformer



The integral thermal monitoring device adjusts the light output if a change in temperature makes it necessary. This feedback function contributes to a longer life span of the LED modules.

Nightfocus LED, gimbal mounted, narrow beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 395 046 019	black	5 x LED 1 W warm white	3.4 kg	11°
8 395 066 019	white			
8 395 056 019	silver grey			

Part number	Colour	Light source	Weight	Half beam angle γ
8 395 045 019	black	5 x LED 1 W neutral white	3.4 kg	11°
8 395 065 019	white			
8 395 055 019	silver grey			

Nightfocus LED, gimbal mounted, linear beam spread

Part number	Colour	Light source	Weight	Half beam angle γ
				C 0 – 180 C 90 – 270
8 395 046 029	black	5 x LED 1 W warm white	3.4 kg	9° 48°
8 395 066 029	white			
8 395 056 029	silver grey			

Part number	Colour	Light source	Weight	Half beam angle γ
				C 0 – 180 C 90 – 270
8 395 045 029	black	5 x LED 1 W neutral white	3.4 kg	9° 48°
8 395 065 029	white			
8 395 055 029	silver grey			

Nightfocus LED, gimbal mounted, wide beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 395 046 059	black	5 x LED 1 W warm white	3.4 kg	33°
8 395 066 059	white			
8 395 056 059	silver grey			

Part number	Colour	Light source	Weight	Half beam angle γ
8 395 045 059	black	5 x LED 1 W neutral white	3.4 kg	33°
8 395 065 059	white			
8 395 055 059	silver grey			

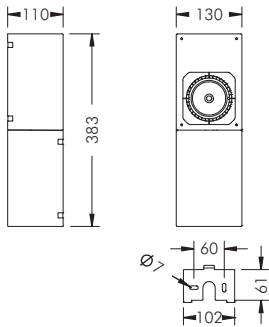
Nightfocus LED, gimbal mounted

Part number	Description
... 1.. 009	Luminaire to be mounted lengthwise

Light source

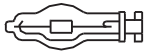
LEDs, replacement modules available





**Nightfocus
Modular System**

For ceramic metal halide lamps (HIT-TC-CE), protection class I, IP65 , IK08 die cast aluminium housing, polyester powder coated, aluminium reflector, all exterior steel parts stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, wall mounting: 2 drilled holes Ø 7 mm, spacing 60 mm, cable entry: up to Ø 13 mm recessed cable, integral electronic ballast, supplied without lamp.

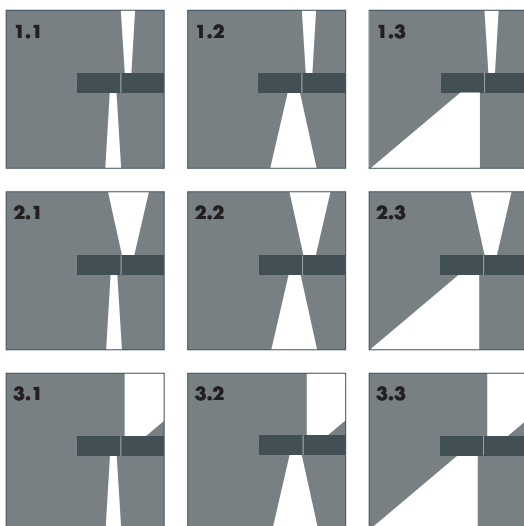


Lamp
HIT-TC-CE Philips CDM-Tm 20 W, PGJ5

Uplight module

Downlight module		narrow beam 1				wide beam 2				asymmetric beam 3			
		Light source	Philips CDM-Tm 20 W	_____	_____	Philips CDM-Tm 20 W	_____	_____	_____	Philips CDM-Tm 20 W	_____	_____	_____
1 narrow beam		Philips CDM-Tm 20 W	8 399 0.0 009	_____	_____	8 399 4.0 009	_____	_____	_____	8 399 6.0 009	_____	_____	_____
		_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
		_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
2 wide beam		Philips CDM-Tm 20 W	8 399 0.4 009	_____	_____	8 399 4.4 009	_____	_____	_____	8 399 6.4 009	_____	_____	_____
		_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
3 asymmetric beam		Philips CDM-Tm 20 W	8 399 0.6 009	_____	_____	8 399 4.6 009	_____	_____	_____	8 399 6.6 009	_____	_____	_____
		_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

- 8 399 .4. 009
- 8 399 .6. 009
- 8 399 .5. 009
- black
- white
- silver grey

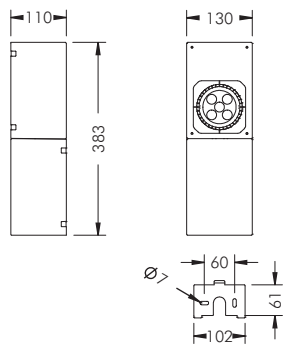
**Lamp**

HIT-TC-CE General Electric CMH 20/35 W,
HIT-TC-CE Osram HCI-TF 20/35 W, GU6.5

**Uplight module**

asymmetric beam 3		wide beam 2		narrow beam 1		Light source	Downlight module
General Electric CMH 35 W Osram HCI-TF 35 W	General Electric CMH 20 W Osram HCI-TF 20 W	General Electric CMH 35 W Osram HCI-TF 35 W	General Electric CMH 20 W Osram HCI-TF 20 W	General Electric CMH 35 W Osram HCI-TF 35 W	General Electric CMH 20 W Osram HCI-TF 20 W		
8 390 7.0 009	8 390 6.0 009	8 390 5.0 009	8 390 4.0 009	8 390 1.0 009	8 390 0.0 009	General Electric CMH 20 W Osram HCI-TF 20 W	narrow beam 1
8 390 7.1 009	8 390 6.1 009	8 390 5.1 009	8 390 4.1 009	8 390 1.1 009	8 390 0.1 009	General Electric CMH 35 W Osram HCI-TF 35 W	
8 390 7.4 009	8 390 6.4 009	8 390 5.4 009	8 390 4.4 009	8 390 1.4 009	8 390 0.4 009	General Electric CMH 20 W Osram HCI-TF 20 W	wide beam 2
8 390 7.5 009	8 390 6.5 009	8 390 5.5 009	8 390 4.5 009	8 390 1.5 009	8 390 0.5 009	General Electric CMH 35 W Osram HCI-TF 35 W	
8 390 7.6 009	8 390 6.6 009	8 390 5.6 009	8 390 4.6 009	8 390 1.6 009	8 390 0.6 009	General Electric CMH 20 W Osram HCI-TF 20 W	asymmetric beam 3
8 390 7.7 009	8 390 6.7 009	8 390 5.7 009	8 390 4.7 009	8 390 1.7 009	8 390 0.7 009	General Electric CMH 35 W Osram HCI-TF 35 W	

8 390 .4. 009 **black**
8 390 .6. 009 **white**
8 390 .5. 009 **silver grey**



Nightfocus LED Modular System

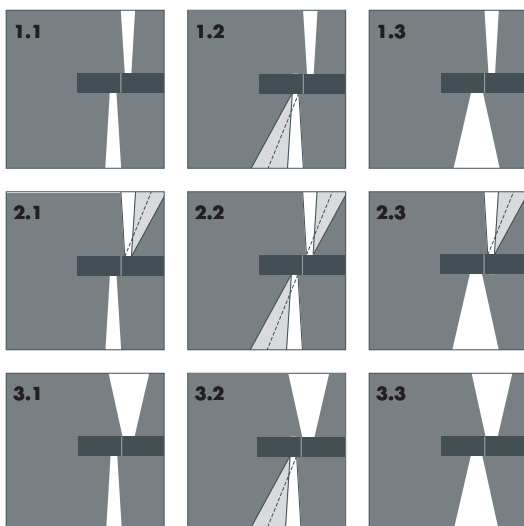
With 5 x 1 W high performance LEDs, integral thermal monitoring device, protection class I, IP65 , IK08 die cast aluminium housing, polyester powder coated, gimbal mounted LED board, adjustment range 0-15°, all exterior steel parts stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, wall mounting: 2 drilled holes Ø 7 mm, spacing 60 mm, cable entry: up to Ø 13 mm recessed cable, on-board driver and integral transformer



Light source
LEDs, replacement modules available

Uplight module					
Downlight module	narrow beam 1		narrow beam 1		linear beam
		Light source	5 x LED 1 W warm white	5 x LED 1 W neutral white	5 x LED 1 W warm white
		5 x LED 1 W warm white	8 398 1.1 009	8 398 2.1 009	8 398 3.1 009
		5 x LED 1 W neutral white	8 398 1.2 009	8 398 2.2 009	8 398 3.2 009
	linear beam spread 2	5 x LED 1 W warm white	8 398 1.3 009	8 398 2.3 009	8 398 3.3 009
		5 x LED 1 W neutral white	8 398 1.4 009	8 398 2.4 009	8 398 3.4 009
	wide beam 3	5 x LED 1 W warm white	8 398 1.5 009	8 398 2.5 009	8 398 3.5 009
		5 x LED 1 W neutral white	8 398 1.6 009	8 398 2.6 009	8 398 3.6 009

8 398 .4. 009 black
8 398 .6. 009 white
8 398 .5. 009 silver grey



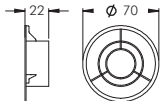
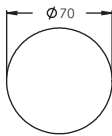
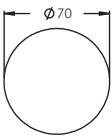
spread 2	wide beam 3	
5 x LED 1 W neutral white	5 x LED 1 W warm white	5 x LED 1 W neutral white
8 398 4.1 009	8 398 5.1 009	8 398 6.1 009
8 398 4.2 009	8 398 5.2 009	8 398 6.2 009
8 398 4.3 009	8 398 5.3 009	8 398 6.3 009
8 398 4.4 009	8 398 5.4 009	8 398 6.4 009
8 398 4.5 009	8 398 5.5 009	8 398 6.5 009
8 398 4.6 009	8 398 5.6 009	8 398 6.6 009

Accessories for Nightfocus 20/35 W narrow and wide beam

Part number	Colour	Description
123 0 301 000	yellow	Dichroic colour filter, internally fitted
123 0 307 000	blue	
123 0 303 000	red	
123 0 308 000	green	

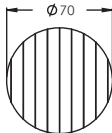
Part number	Description
123 0 300 000	Prismatic glass lense, to widen the beam angle

Part number	Description
123 0 299 940	Radial louvre, to reduce lateral glare



Accessories for Nightfocus 20/35 W, narrow beam

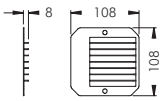
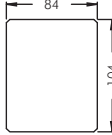
Part number	Description
123 0 302 000	Ribbed glass spreader lense, internally fitted, for linear beam control, continuously adjustable 360°



Accessories for Nightfocus 20/35 W, asymmetrical wide beam

Part number	Colour	Description
123 0 331 000	yellow	Dichroic colour filter, internally fitted
123 0 333 000	blue	
123 0 337 000	red	
123 0 338 000	green	

Part number	Description
123 0 315 940	Louvre, internally fitted, to reduce lateral glare



Nightfocus is a versatile luminaire range for façade illumination. A wide range of lighting design concepts can be accomplished at one level, with few installation points.



Vertical accent lighting with uplights

Rotationally symmetrical narrow beam reflectors or narrow beam LEDs



Vertical accent lighting with downlights

Rotationally symmetrical narrow beam reflectors or narrow beam LEDs



Uniform illumination of a plinth or area in front of a building

Asymmetrical wide beam reflectors



Vertical accent lighting with up/downlights

Modular system with rotationally symmetrical narrow beam reflectors or with narrow beam LEDs up and down



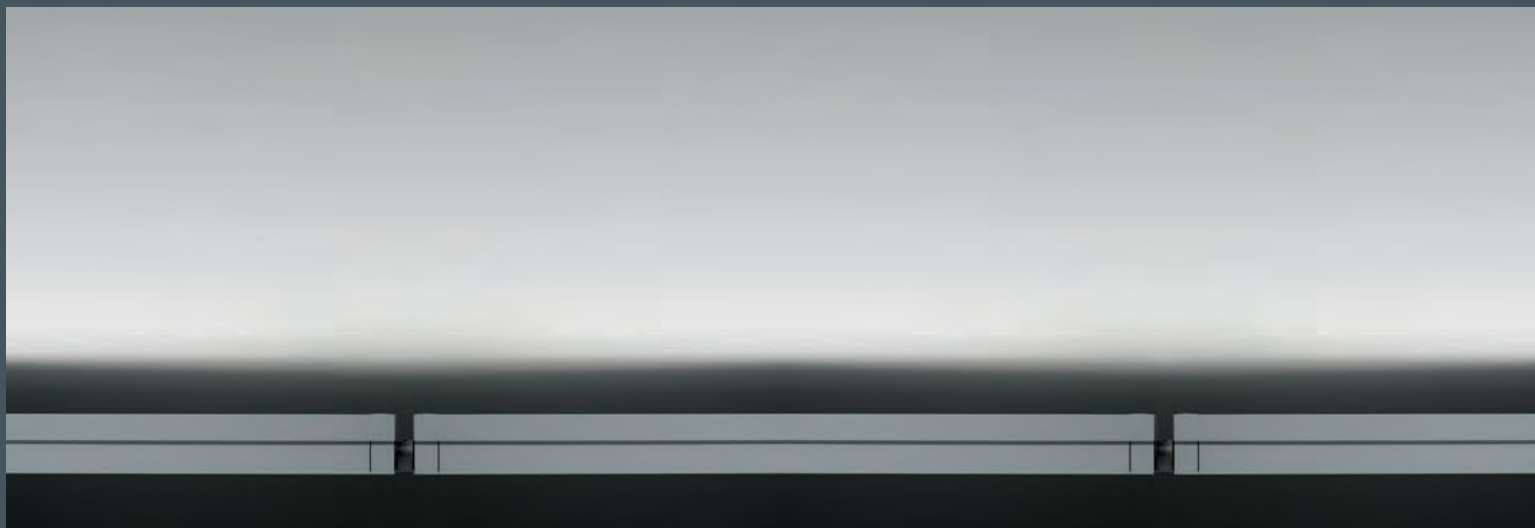
Vertical accent lighting with uplights/ uniform illumination with downlights

Modular system with rotationally symmetrical narrow beam reflectors or narrow beam LEDs upwards and with asymmetrical wide beam reflectors downwards



Illumination of alcoves

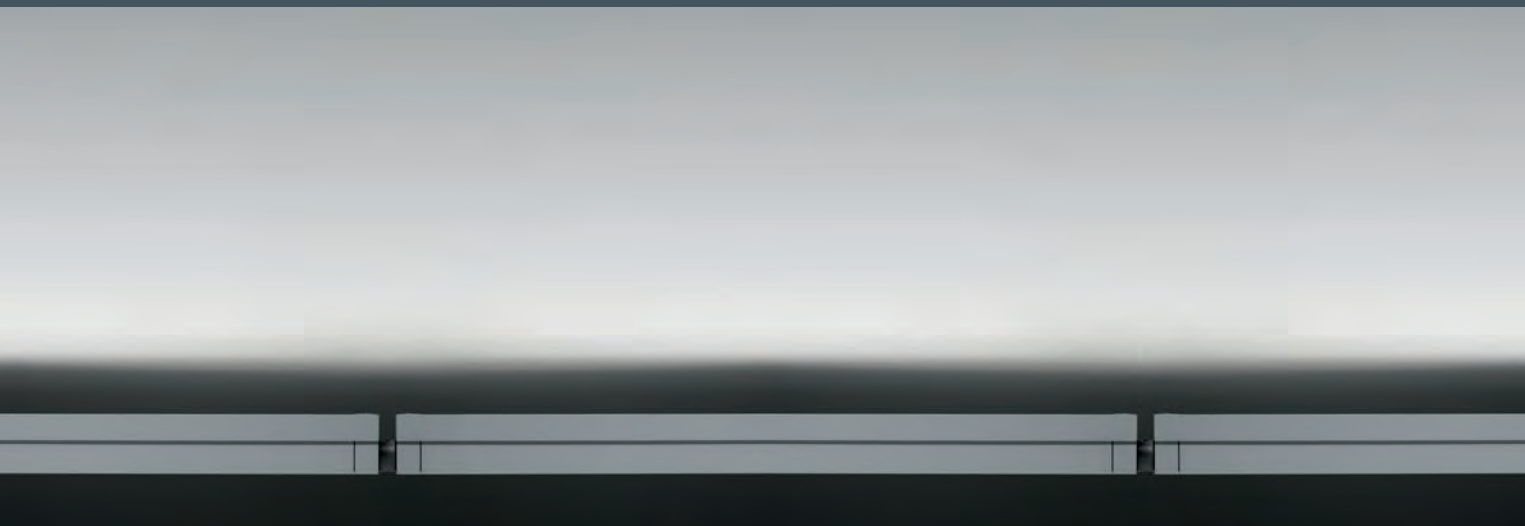
Luminaires mounted lengthwise with rotationally symmetrical or asymmetrical reflectors or with LEDs



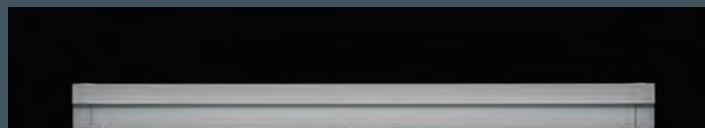
The Nightvision series has been expanded to include products for T16 fluorescent lamps and LEDs. Nightvision L is available in 4 different lengths. The low profile cross section makes it possible for this series to be integrated discreetly into the architecture of a building. The closure of the luminaire is designed to ensure that it seals properly and facilitates maintenance.

In the Nightvision LS series, luminaire modules are joined together to create continuous lines. Modules of differing lengths can be connected together so that the total system length coincides with the space available.

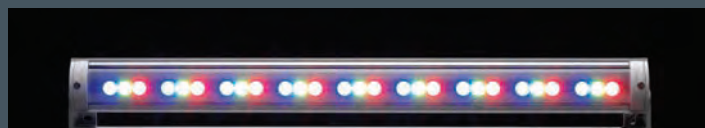
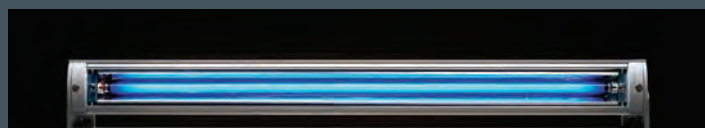
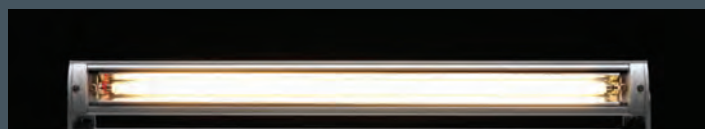
These luminaires are available for T16 fluorescent lamps, monochrome white or coloured LEDs and RGB LEDs.

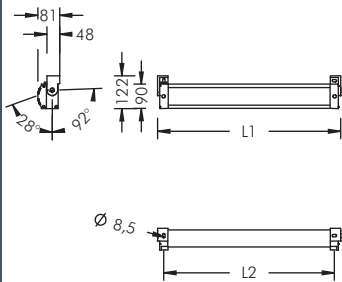


Design: Roy Fleetwood



In the versions for T16 fluorescent lamps and with monochrome LEDs the control gear is integral. For the RGB colour changing version an external DMX controller is available.

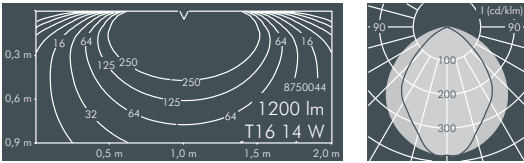




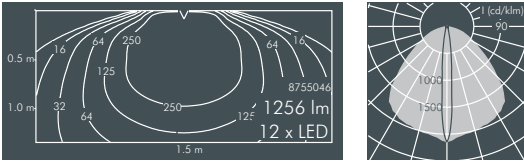
Nightvision L

For T16 fluorescent lamps with high gloss aluminium reflector or for high performance LEDs with heat monitoring device, protection class I, IP 66   , IK10 housing made of extruded aluminium and die cast aluminium, polyester powder coated, all exterior steel parts are stainless steel, polycarbonate cover, silicon gasket, closure by 2 stainless steel screws, mounting flange, 2 drilled holes Ø 8.5 mm, spacing L2, tilt range 120° when wall mounted, M20 cable gland, integral electronic ballast/driver, supplied without lamp, for luminaires with RGB LEDs separate DMX controller required

Nightvision L, L1 = 678 mm, L2 = 631 mm					
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 750 044 009	black	T16 14/24 W	G5	3.5 kg	C 0 – 180
8 750 064 009	white				C 90 – 270
8 750 054 009	silver grey				82° 109°



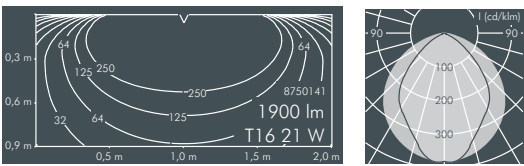
Nightvision L, L1 = 678 mm, L2 = 631 mm					
Part number*	Colour	Light source	Weight	Half beam angle γ	
8 755 046 009	black	12 x LED 3 W warm white	4.5 kg	C 0 – 180	C 90 – 270
8 755 066 009	white	wall washer		10°	99°
8 755 056 009	silver grey				



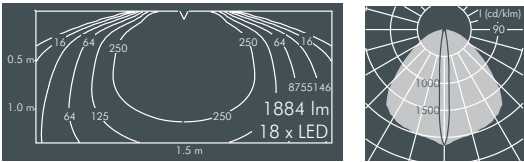
Part number	Colour	Light source	Weight	Half beam angle γ	
8 755 049 009	black	12 x LED RGB 3 W	3.9 kg	C 0 – 180	C 90 – 270
8 755 069 009	white			13°	40°
8 755 059 009	silver grey				



Nightvision L, L1 = 978 mm, L2 = 931mm					
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 750 141 009	black	T16 21/39 W	G5	4.7 kg	C 0 – 180
8 750 161 009	white				C 90 – 270
8 750 151 009	silver grey				82° 109°



Nightvision L, L1 = 978 mm, L2 = 931mm					
Part number*	Colour	Light source	Weight	Half beam angle γ	
8 755 146 009	black	18 x LED 3 W warm white	5.7 kg	C 0 – 180	C 90 – 270
8 755 166 009	white	wall washer		10°	99°
8 755 156 009	silver grey				

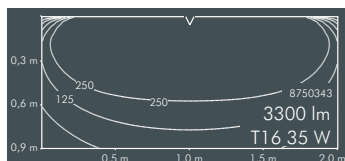
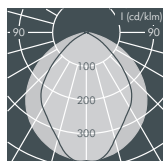
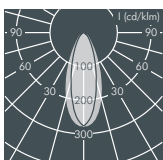
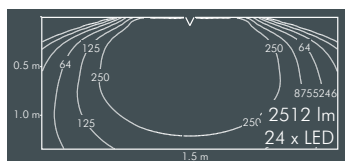
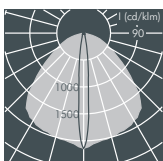
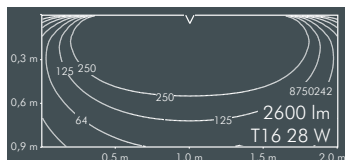
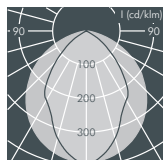


Part number	Colour	Light source	Weight	Half beam angle γ	
8 755 149 009	black	18 x LED RGB 3 W	5.1 kg	C 0 – 180	C 90 – 270
8 755 169 009	white			13°	40°
8 755 159 009	silver grey				



Nightvision L (T16)	
Part number	Description
... 089	Luminaire with asymmetrical light distribution

*The luminaires can also be supplied with neutral white or monochrome coloured LEDs (amber, blue, red, green) upon request.



Nightvision L, L1 = 1278 mm, L2 = 1231mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 750 242 009	black	T16 28/54 W	G5	5.9 kg	82°	109°
8 750 262 009	white					
8 750 252 009	silver grey					

Nightvision L, L1 = 1278 mm, L2 = 1231mm

Part number *	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 755 246 009	black	24 x LED 3 W warm white wall washer	6.9 kg	10°	99°
8 755 266 009	white				
8 755 256 009	silver grey				

Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 755 249 009	black	24 x LED 3 W RGB	6.3 kg	13°	40°
8 755 269 009	white				
8 755 259 009	silver grey				

Nightvision L, L1 = 1578 mm, L2 = 1531 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 750 343 009	black	T16 35/49/80 W	G5	7.1 kg	82°	109°
8 750 363 009	white					
8 750 353 009	silver grey					

Nightvision L (T16)

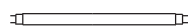
Part number	Description
... 089	Luminaire with asymmetrical light distribution

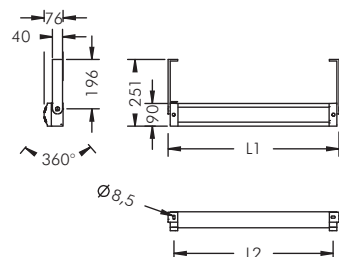
*The luminaires can also be supplied with neutral white or monochrome coloured LEDs (amber, blue, red, green) upon request.

Lamps/Light source (see page 364–365)

T16

LEDs, replacement modules available





Nightvision L with wall arm

For T16 fluorescent lamps with high gloss aluminium reflector or for high performance LEDs with heat monitoring device, protection class I, IP 66   , IK10 housing made of extruded aluminium and die cast aluminium, polyester powder coated, all exterior steel parts are stainless steel, polycarbonate cover, silicon gasket, closure by 2 stainless steel screws, 210 mm wall arm, 2 drilled holes Ø 8.5 mm, spacing L2, tilt range 360°, M20 cable gland, integral electronic ballast/driver, supplied without lamp, for luminaires with RGB LEDs separate DMX controller required

Nightvision L with wall arm, L1 = 678 mm, L2 = 631 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 751 044 009	black	T16 14/24 W	G5	3.5 kg	82°	109°
8 751 064 009	white					
8 751 054 009	silver grey					

Nightvision L with wall arm, L1 = 678 mm, L2 = 631 mm

Part number*	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 756 046 009	black	12 x LED 3 W warm white	4.5 kg	10°	99°
8 756 066 009	white	wall washer			
8 756 056 009	silver grey				

Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 756 049 009	black	12 x LED RGB 3 W	3.9 kg	13°	40°
8 756 069 009	white				
8 756 059 009	silver grey				

Nightvision L with wall arm, L1 = 978 mm, L2 = 931 mm

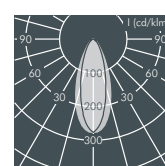
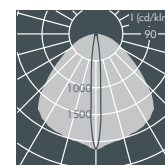
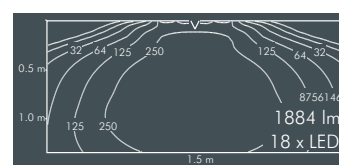
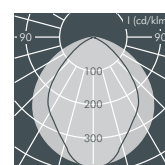
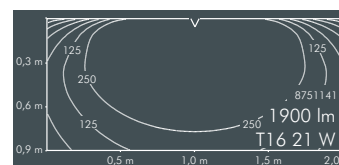
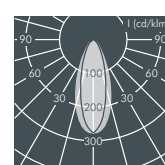
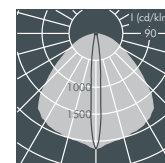
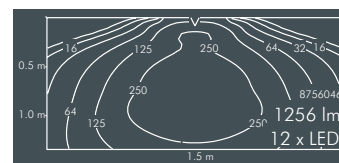
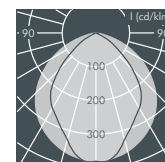
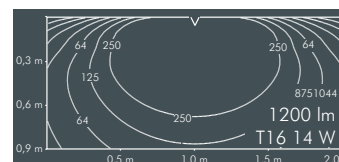
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 751 141 009	black	T16 21/39 W	G5	4.7 kg	82°	109°
8 751 161 009	white					
8 751 151 009	silver grey					

Nightvision L with wall arm, L1 = 978 mm, L2 = 931 mm

Part number*	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 756 146 009	black	18 x LED 3 W warm white	5.7 kg	10°	99°
8 756 166 009	white	wall washer			
8 756 156 009	silver grey				

Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 756 149 009	black	18 x LED RGB 3 W	5.1 kg	13°	40°
8 756 169 009	white				
8 756 159 009	silver grey				

*The luminaires can also be supplied with neutral white or monochrome coloured LEDs (amber, blue, red, green) upon request.

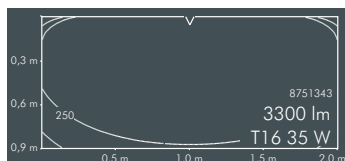
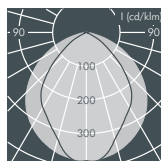
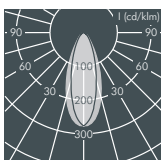
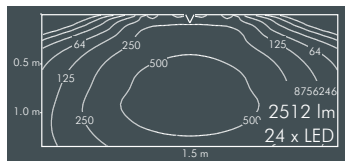
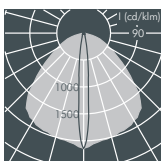
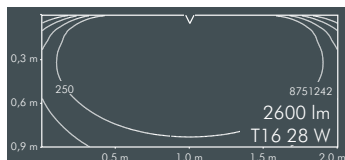
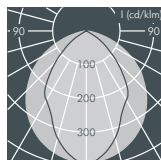


Lamps/Light source (see page 364–365)

T16

LEDs, replacement modules available





Nightvision L with wall arm, L1 = 1278 mm, L2 = 1231 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 751 242 009	black	T16 28/54 W	G5	5.9 kg	82°	109°
8 751 262 009	white					
8 751 252 009	silver grey					

Nightvision L with wall arm, L1 = 1278 mm, L2 = 1231 mm

Part number*	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 756 246 009	black	24 x LED 3 W warm white wall washer	6.9 kg	10°	99°
8 756 266 009	white				
8 756 256 009	silver grey				

Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 756 249 009	black	24 x LED RGB 3 W	6.3 kg	13°	40°
8 756 269 009	white				
8 756 259 009	silver grey				

Nightvision L with wall arm, L1 = 1578 mm, L2 = 1531 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 751 343 009	black	T16 35/49/80 W	G5	7.1 kg	82°	109°
8 751 363 009	white					
8 751 353 009	silver grey					

*The luminaires can also be supplied with neutral white or monochrome coloured LEDs (amber, blue, red, green) upon request.

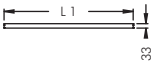
Lamps/Light source (see page 364–365)

T16

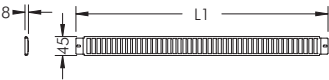
LEDs, replacement modules available



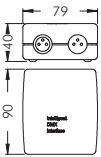
Accessories for Nightvision L		
Part number	Colour	Description
127 0 177 940	black	Glare shield , aluminium for luminaire L1 = 678 mm
127 0 177 960	white	
127 0 177 950	silver grey	
127 0 178 940	black	Glare shield , aluminium for luminaire L1 = 978 mm
127 0 178 960	white	
127 0 178 950	silver grey	
127 0 179 940	black	Glare shield , aluminium for luminaire L1 = 1278 mm
127 0 179 960	white	
127 0 179 950	silver grey	
127 0 180 940	black	Glare shield , aluminium for luminaire L1 = 1578 mm
127 0 180 960	white	
127 0 180 950	silver grey	

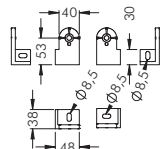


Part number	Lamp	L1	Description
129 0 341 940	T16 14/24 W	600 mm	Anti glare louvre , aluminium, to prevent glare from the side
129 0 342 940	T16 21/39 W	900 mm	
129 0 343 940	T16 28/54 W	1200 mm	
129 0 344 940	T16 35/49/80 W	1500 mm	



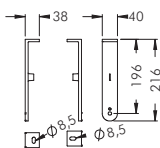
Accessories for Nightvision LS for RGB - LED					
Artikelnummer	Description				
127 0 189 000	DMX controller , USB 2.0 connection for programming via PC, incl. software, 512 addressable DMX channels, connection for external power supply, plastic housing, IP20				





Mounting flange set for outer luminaire modules

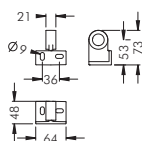
Part number	Colour	Description
127 0 183 940	black	Mounting flange set , 2 parts, for outer luminaire modules
127 0 183 960	white	
127 0 183 950	silver grey	



Wall arm set for outer luminaire modules

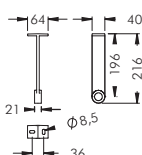
Part number	Colour	Description
127 0 184 940	black	Wall arm set , 2 parts, for outer modules 200 mm long
127 0 184 960	white	
127 0 184 950	silver grey	

To connect two modules together, either 1 connection flange **or** 1 connection arm is required. The total number of connection parts required is equal to the total number of modules minus 1.



Connection flange

Part number	Colour	Description
127 0 199 940	black	Connection flange , for two luminaire modules incl. cable for through wiring
127 0 199 960	white	
127 0 199 950	silver grey	



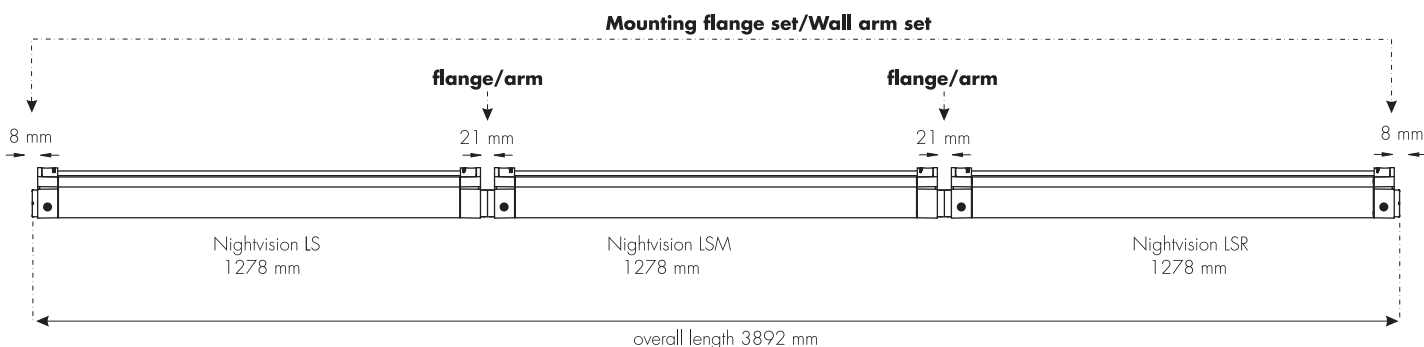
Connection wall arm 200 mm

Part number	Colour	Description
127 0 200 940	black	Connection wall arm 200 mm for two luminaire modules incl. cable for through wiring
127 0 200 960	white	
127 0 200 950	silver grey	

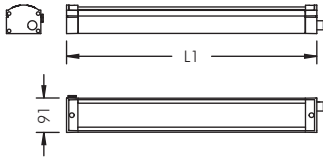
System examples

When calculating the overall length of a total system, the lengths of the individual modules and the dimensions of the connection flanges or wall arms must be added together.

By combining modules of different lengths, the overall length of the system can be made to coincide with the dimensions of the surface to be illuminated.



● Cable entry (on rear side)

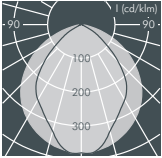


Nightvision LSL Modular System
(T16), left

For T16 fluorescent lamps,
protection class I, IP66 , IK10
housing made of extruded aluminium and die cast
aluminium, polyester powder coated, high gloss
aluminium reflector, all exterior steel parts are
stainless steel, polycarbonate cover, silicon gasket,
closure by 2 stainless steel screws, with stainless steel
coupling on right side, M20 cable gland,
integral electronic ballast, supplied without lamp

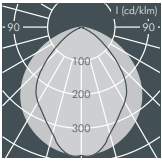
Nightvision LSL, left, L1 = 678 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 760 044 009	black	T16 14/24 W	G5	3.1 kg	C 0 – 180	C 90 – 270
8 760 064 009	white				82°	109°
8 760 054 009	silver grey					



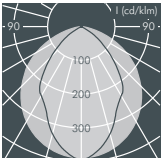
Nightvision LSL, left, L1 = 978 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 760 141 009	black	T16 21/39 W	G5	4.3 kg	C 0 – 180	C 90 – 270
8 760 161 009	white				82°	109°
8 760 151 009	silver grey					



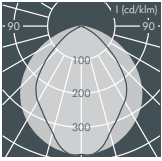
Nightvision LSL, left, L1 = 1278 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 760 242 009	black	T16 28/54 W	G5	5.5 kg	C 0 – 180	C 90 – 270
8 760 262 009	white				82°	109°
8 760 252 009	silver grey					



Nightvision LSL, left, L1 = 1578 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 760 343 009	black	T16 35/49/80 W	G5	6.7 kg	C 0 – 180	C 90 – 270
8 760 363 009	white				82°	109°
8 760 353 009	silver grey					



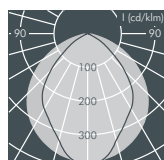
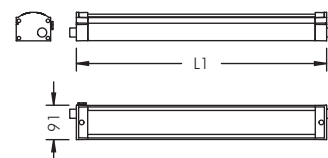
Part number	Description
. 089	Luminaire with asymmetrical light distribution

Lamps (see page 364–365)
T16



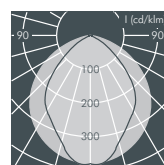
Nightvision LSM Modular System (T16), middle

For T16 fluorescent lamps, protection class I, IP66 , IK10 housing made of extruded aluminium and die cast aluminium, polyester powder coated, high gloss aluminium reflector, all exterior steel parts are stainless steel, polycarbonate cover, silicon gasket, closure by 2 stainless steel screws, with stainless steel coupling on right and left sides, M20 cable gland, integral electronic ballast, supplied without lamp



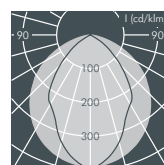
Nightvision LSM, middle, L1 = 678 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 761 044 009	black	T16 14/24 W	G5	3.1 kg	C 0 – 180	C 90 – 270
8 761 064 009	white				82°	109°
8 761 054 009	silver grey					



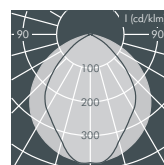
Nightvision LSM, middle, L1 = 978 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 761 141 009	black	T16 21/39 W	G5	4.3 kg	C 0 – 180	C 90 – 270
8 761 161 009	white				82°	109°
8 761 151 009	silver grey					



Nightvision LSM, middle, L1 = 1278 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 761 242 009	black	T16 28/54 W	G5	5.5 kg	C 0 – 180	C 90 – 270
8 761 262 009	white				82°	109°
8 761 252 009	silver grey					

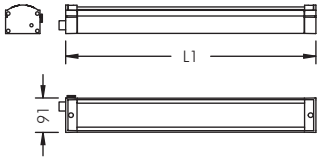


Nightvision LSM, middle, L1 = 1578 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 761 343 009	black	T16 35/49/80 W	G5	6.7 kg	C 0 – 180	C 90 – 270
8 761 363 009	white				82°	109°
8 761 353 009	silver grey					

Part number	Description
. 089	Luminaire with asymmetrical light distribution



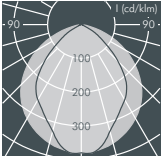


Nightvision LSR Modular System
(T16), right

For T16 fluorescent lamps,
protection class I, IP66  , IK10
housing made of extruded aluminium and die
cast aluminium, polyester powder coated, high gloss
aluminium reflector, all exterior steel parts are stainless
steel, polycarbonate cover, silicon gasket, closure by
2 stainless steel screws, with stainless steel coupling
on left side, M20 cable gland,
integral electronic ballast, supplied without lamp

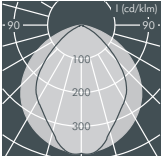
Nightvision LSR, right, L = 678 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 762 044 009	black	T16 14/24 W	G5	3.1 kg	C 0 – 180	C 90 – 270
8 762 064 009	white				82°	109°
8 762 054 009	silver grey					



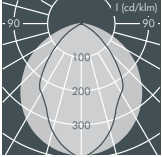
Nightvision LSR, right, L1 = 978 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 762 141 009	black	T16 21/39 W	G5	4.3 kg	C 0 – 180	C 90 – 270
8 762 161 009	white				82°	109°
8 762 151 009	silver grey					



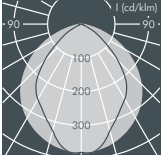
Nightvision LSR, right, L1 = 1278 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 762 242 009	black	T16 28/54 W	G5	5.5 kg	C 0 – 180	C 90 – 270
8 762 262 009	white				82°	109°
8 762 252 009	silver grey					



Nightvision LSR, right, L1 = 1578 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 762 343 009	black	T16 35/49/80 W	G5	6.7 kg	C 0 – 180	C 90 – 270
8 762 363 009	white				82°	109°
8 762 353 009	silver grey					



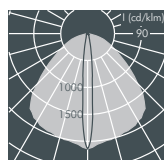
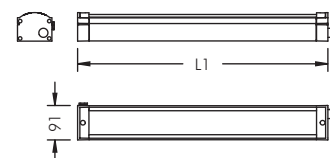
Part number	Description
. 089	Luminaire with asymmetrical light distribution

Lamps (see page 364–365)
T16



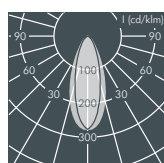
Nightvision LSL Modular System (LEDs), left

Linear beam spread using high performance LEDs, with thermal monitoring device, protection class I, IP66 , IK10 housing made of extruded aluminium and die cast aluminium, polyester powder coated, all exterior steel parts are stainless steel, polycarbonate cover, silicon gasket, closure by 2 stainless steel screws, with stainless steel coupling on right side, M20 cable gland, integral transformer and driver, for luminaires with RGB LEDs separate DMX controller required

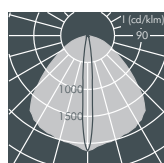


Nightvision LSL, left, L1 = 678 mm

Part number *	Colour	Light source	Weight	Half beam angle γ	
8 757 046 009	black	12 x LED 3 W warm white wall washer	4.1 kg	C 0 – 180	C 90 – 270
8 757 066 009	white			10°	99°
8 757 056 009	silver grey				

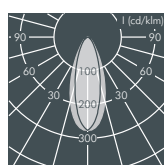


Part number	Colour	Light source	Weight	Half beam angle γ	
8 757 049 009	black	12 x LED RGB 3 W	3.5 kg	C 0 – 180	C 90 – 270
8 757 069 009	white			13°	40°
8 757 059 009	silver grey				

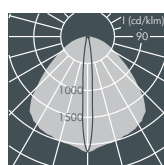


Nightvision LSL, left, L1 = 978 mm

Part number *	Colour	Light source	Weight	Half beam angle γ	
8 757 146 009	black	18 x LED 3 W warm white wall washer	5.3 kg	C 0 – 180	C 90 – 270
8 757 166 009	white			10°	99°
8 757 156 009	silver grey				

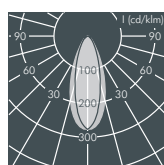


Part number	Colour	Light source	Weight	Half beam angle γ	
8 757 149 009	black	18 x LED RGB 3 W RGB	4.7 kg	C 0 – 180	C 90 – 270
8 757 169 009	white			13°	40°
8 757 159 009	silver grey				



Nightvision LSL, left, L1 = 1278 mm

Part number *	Colour	Light source	Weight	Half beam angle γ	
8 757 246 009	black	24 x LED 3 W warm white wall washer	6.5 kg	C 0 – 180	C 90 – 270
8 757 266 009	white			10°	99°
8 757 256 009	silver grey				



Part number	Colour	Light source	Weight	Half beam angle γ	
8 757 249 009	black	24 x LED RGB 3 W	5.9 kg	C 0 – 180	C 90 – 270
8 757 269 009	white			13°	40°
8 757 259 009	silver grey				

*The luminaires can also be supplied with neutral white or monochrome coloured LEDs (amber, blue, red, green) upon request.

Light source

LEDs, replacement modules available



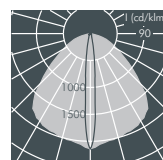


Nightvision LSM Modular System (LEDs), middle

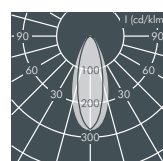
Linear beam spread using high performance LEDs, with thermal monitoring device, protection class I, IP66 $\diamond$, IK10 housing made of extruded aluminium and die cast aluminium, polyester powder coated, all exterior steel parts are stainless steel, polycarbonate cover, silicon gasket, closure by 2 stainless steel screws, with stainless steel coupling on left and right sides, M20 cable gland, integral transformer and driver, for luminaires with RGB LEDs separate DMX controller required

Nightvision LSM, middle, L1 = 678 mm

Part number*	Colour	Light source	Weight	Half beam angle γ	
8 758 046 009	black	12 x LED 3 W warm white wall washer	4.1 kg	C 0 – 180	C 90 – 270
8 758 066 009	white			10°	99°
8 758 056 009	silver grey				

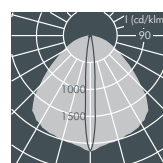


Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 758 049 009	black	12 x LED RGB 3 W	3.5 kg	13°	40°
8 758 069 009	white				
8 758 059 009	silver grey				

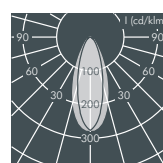


Nightvision LSM, middle, L1 = 978 mm

Part number*	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 758 146 009	black	18 x LED 3 W warm white wall washer	5.3 kg	10°	99°
8 758 166 009	white				
8 758 156 009	silver grey				

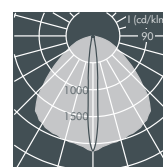


Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 758 149 009	black	18 x LED RGB 3 W	4.7 kg	13°	40°
8 758 169 009	white				
8 758 159 009	silver grey				

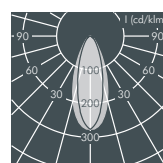


Nightvision LSM, middle, L1 = 1278 mm

Part number*	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 758 246 009	black	24 x LED 3 W warm white wall washer	6.5 kg	10°	99°
8 758 266 009	white				
8 758 256 009	silver grey				



Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 758 249 009	black	24 x LED RGB 3 W	5.9 kg	13°	40°
8 758 269 009	white				
8 758 259 009	silver grey				



*The luminaires can also be supplied with neutral white or monochrome coloured LEDs (amber, blue, red, green) upon request.

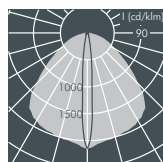
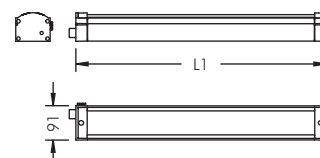
Light source

LEDs, replacement modules available



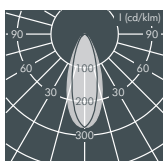
Nightvision LSR Modular System (LEDs), right

Linear beam spread using high performance LEDs, with thermal monitoring device, protection class I, IP66 $\diamond$, IK10 housing made of extruded aluminium and die cast aluminium, polyester powder coated, all exterior steel parts are stainless steel, polycarbonate cover, silicon gasket, closure by 2 stainless steel screws, with stainless steel coupling on left side, M20 cable gland, integral transformer and driver, for luminaires with RGB LEDs separate DMX controller required

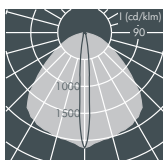


Nightvision LSR, right, L1 = 678 mm

Part number *	Colour	Light source	Weight	Half beam angle γ	
8 759 046 009	black	12 x LED 3 W warm white wall washer	4.1 kg	C 0 – 180	C 90 – 270
8 759 066 009	white			10°	99°
8 759 056 009	silver grey				

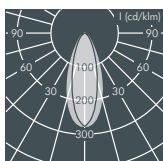


Part number	Colour	Light source	Weight	Half beam angle γ	
8 759 049 009	black	12 x LED RGB 3 W	3.5 kg	C 0 – 180	C 90 – 270
8 759 069 009	white			13°	40°
8 759 059 009	silver grey				

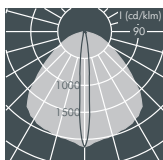


Nightvision LSR, right, L1 = 978 mm

Part number *	Colour	Light source	Weight	Half beam angle γ	
8 759 146 009	black	18 x LED 3 W warm white wall washer	5.3 kg	C 0 – 180	C 90 – 270
8 759 166 009	white			10°	99°
8 759 156 009	silver grey				

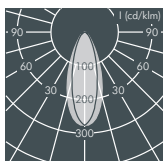


Part number	Colour	Light source	Weight	Half beam angle γ	
8 759 149 009	black	18 x LED RGB 3 W	4.7 kg	C 0 – 180	C 90 – 270
8 759 169 009	white			13°	40°
8 759 159 009	silver grey				



Nightvision LSR, right, L1 = 1278 mm

Part number *	Colour	Light source	Weight	Half beam angle γ	
8 759 246 009	black	24 x LED 3 W warm white wall washer	6.5 kg	C 0 – 180	C 90 – 270
8 759 266 009	white			10°	99°
8 759 256 009	silver grey				



Part number	Colour	Light source	Weight	Half beam angle γ	
8 759 249 009	black	24 x LED RGB 3 W	5.9 kg	C 0 – 180	C 90 – 270
8 759 269 009	white			13°	40°
8 759 259 009	silver grey				

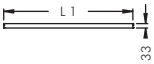
*The luminaires can also be supplied with neutral white or monochrome coloured LEDs (amber, blue, red, green) upon request.

Light source

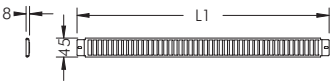
LEDs, replacement modules available

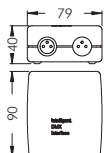


Accessories for Nightvision LS		
Part number	Colour	Description
127 0 177 940	black	Glare shield, aluminium for luminaire L1 = 678 mm
127 0 177 960	white	
127 0 177 950	silver grey	
127 0 178 940	black	Glare shield, aluminium for luminaire L1 = 978 mm
127 0 178 960	white	
127 0 178 950	silver grey	
127 0 179 940	black	Glare shield, aluminium for luminaire L1 = 1278 mm
127 0 179 960	white	
127 0 179 950	silver grey	
127 0 180 940	black	Glare shield, aluminium for luminaire L1 = 1578 mm
127 0 180 960	white	
127 0 180 950	silver grey	



Part number	Lamp	L1	Description
129 0 341 940	T16 14/24 W	600 mm	Anti glare louvre, aluminium, to prevent glare from the side
129 0 342 940	T16 21/39 W	900 mm	
129 0 343 940	T16 28/54 W	1200 mm	
129 0 344 940	T16 35/49/80 W	1500 mm	

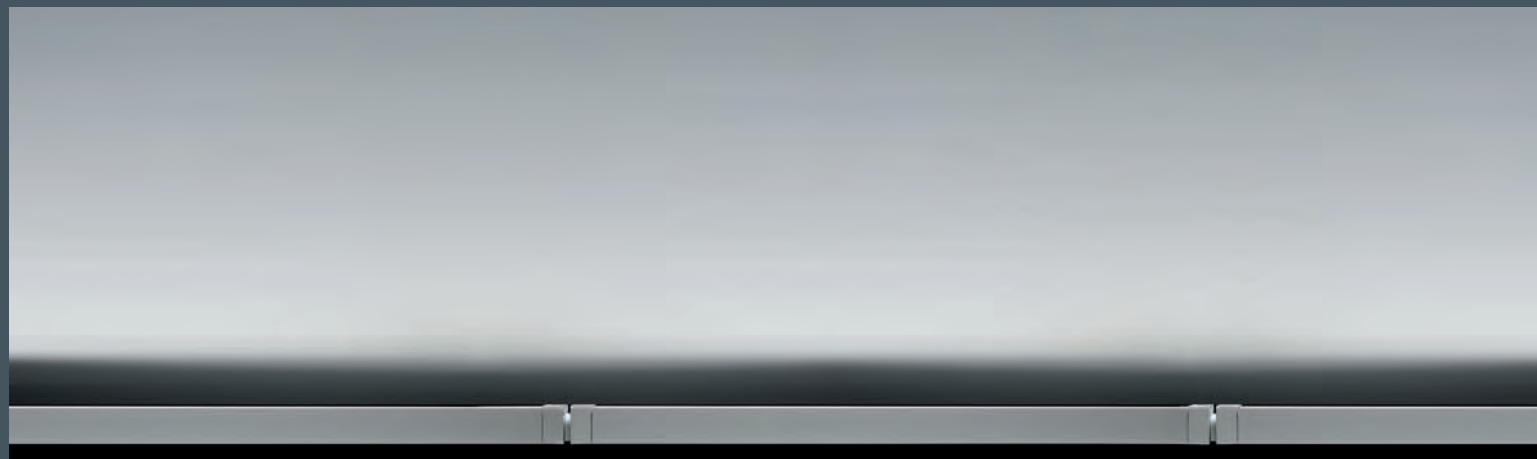




Accessories for Nightvision LS for RGB - LED

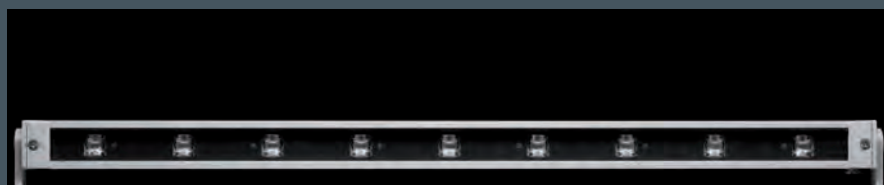
Part number	Description
127 0 189 000	DMX controller , USB 2.0 connection for programming via PC, incl. software, 512 addressable DMX channels, connection for external power supply, plastic housing, IP20



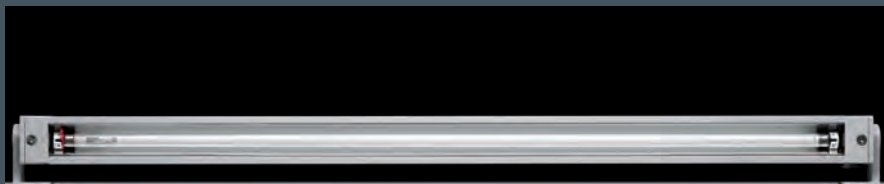


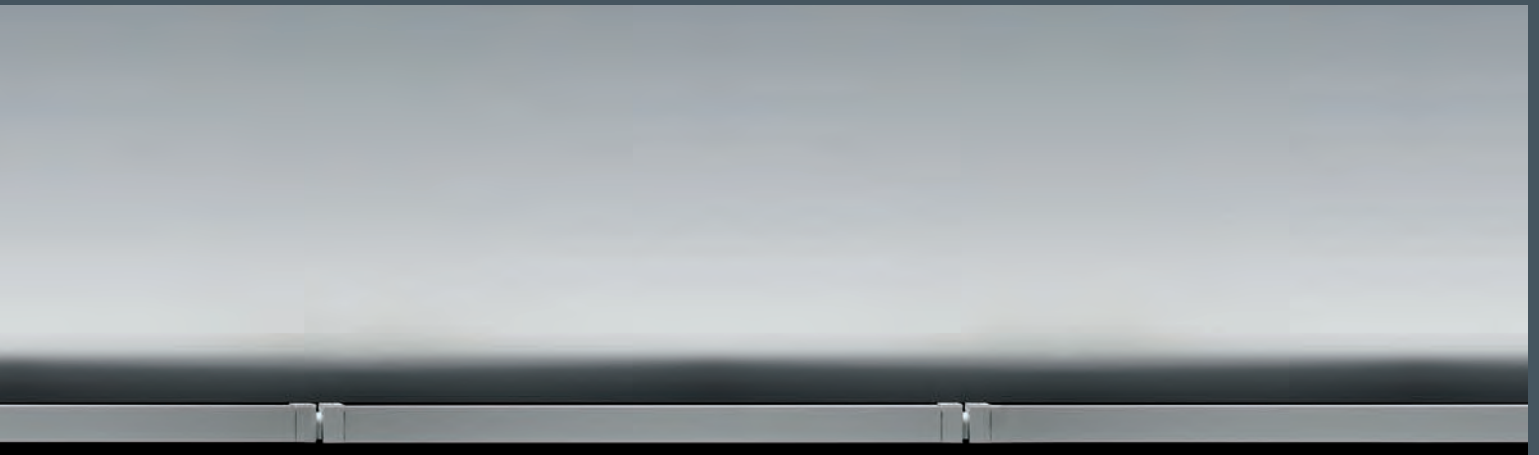
Ecoline is a linear wall washer luminaire with LEDs or for T16 fluorescent lamps and comes in various different lengths. In addition to stand alone luminaires, there is also a modular system for creating continuous lines with hardly any shadow between the modules. A combination of innovative light sources and precise optical systems brought together to form an economical and low-maintenance lighting system.

Despite having integral control gear, the cross section of these luminaires is extremely small. This enables them to be used very discretely in any architectural situation.

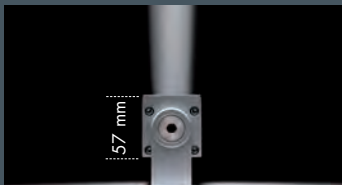


This series is available with LEDs or for T16 fluorescent lamps.

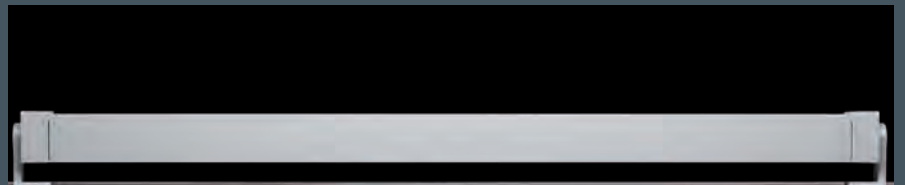




Design: Roy Fleetwood



The versions with LEDs have a wall washer light distribution, i.e. wide beam horizontally but narrow beam in the vertical plane.

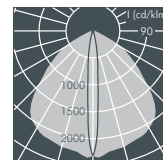
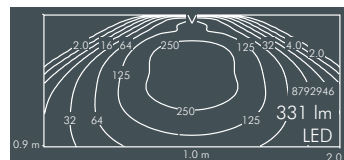


TownFence® Werbebanner, Munich
TownTalker Media AG, Cologne

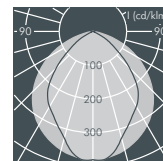
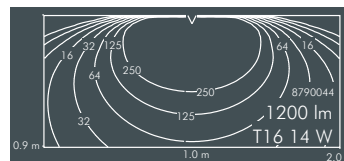


For T16 fluorescent lamps with high gloss aluminium reflector or with high performance LEDs, with thermal monitoring device, wall washer light distribution, protection class I, IP65 , IK10 housing made of extruded aluminium and die cast aluminium, polyester powder coated, all exterior steel parts are stainless steel, polycarbonate cover, silicon gasket, closure by 2 stainless steel screws, mounting flanges: 2 drilled holes Ø 6.5 mm, spacing L2, tilt range 220°, M20 cable gland, integral control gear or converter

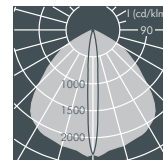
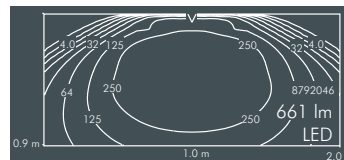
Part number*	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 792 946 009	black	3 x LED 3 W warm white	1.7 kg	10°	97°
8 792 966 009	white				
8 792 956 009	silver grey				



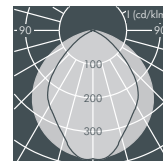
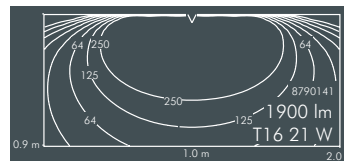
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 790 044 009	black	T16 14/24 W	G5	2.4 kg	82°	109°
8 790 064 009	white					
8 790 054 009	silver grey					



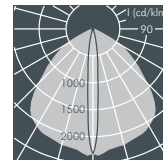
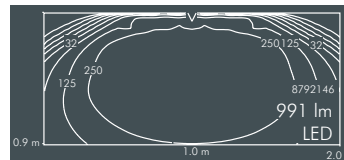
Part number*	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 792 046 009	black	6 x LED 3 W warm white	2.3 kg	10°	97°
8 792 066 009	white				
8 792 056 009	silver grey				



Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 790 141 009	black	T16 21/39 W	G5	3.0 kg	82°	109°
8 790 161 009	white					
8 790 151 009	silver grey					



Part number*	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 792 146 009	black	9 x LED 3 W warm white	3.1 kg	10°	97°
8 792 166 009	white				
8 792 156 009	silver grey				

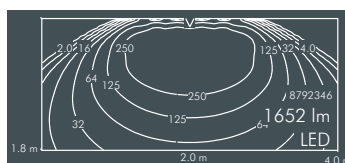
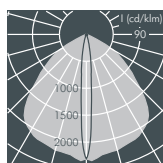
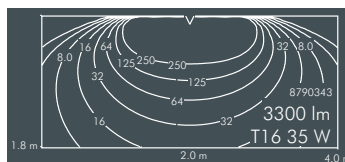
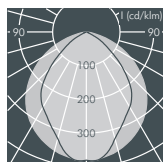
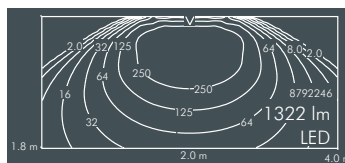
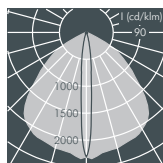
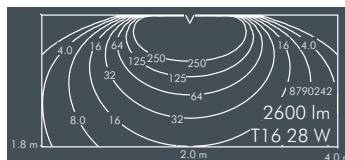
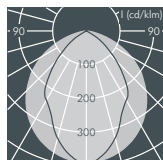


Part number*	Description
8 792 ... 209	Dimmable luminaire (1-10 V)**

**Not available for luminaire L1 = 342 mm.

— 100 —





Ecoline, L1 = 1242 mm, L2 = 1215 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 790 242 009	black	T16 28/54 W	G5	3.5 kg	82°	109°
8 790 262 009	white					
8 790 252 009	silver grey					

Ecoline, wall washer, L1 = 1242 mm, L2 = 1215 mm

Part number*	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 792 246 009	black	12 x LED 3 W warm white	3.6 kg	10°	97°
8 792 266 009	white				
8 792 256 009	silver grey				

Ecoline, L1 = 1542 mm, L2 = 1515 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 790 343 009	black	T16 35/49/80 W	G5	4.1 kg	82°	109°
8 790 363 009	white					
8 790 353 009	silver grey					

Ecoline, wall washer, L1 = 1542 mm, L2 = 1515 mm

Part number*	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 792 346 009	black	15 x LED 3 W warm white	4.2 kg	10°	97°
8 792 366 009	white				
8 792 356 009	silver grey				

Ecoline, wall washer

Part number*	Description
8 792 . . . 209	Dimmable luminaire (1-10 V)**

*The luminaires can also be supplied with neutral white LEDs upon request.

**Not available for luminaire L1 = 342 mm.

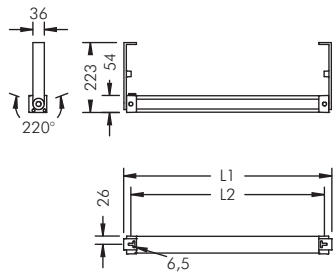


Special optical lenses give this LED luminaire wall washer light distribution.

Lamps/Light source (see page 364–365)

T16 LEDs, replacement modules available





**Ecoline
with wall arm**

For T16 fluorescent lamps with high gloss aluminium reflector or with high performance LEDs, with thermal monitoring device, wall washer light distribution, protection class I, IP65 , IK10 housing made of extruded aluminium and die cast aluminium, polyester powder coated, all exterior steel parts are stainless steel, polycarbonate cover, silicon gasket, closure by 2 stainless steel screws, wall arms: 2 drilled holes Ø 6.5 mm, spacing L2, tilt range 220°, M20 cable gland, integral control gear or converter

Ecoline with wall arm, wall washer, L1 = 342 mm, L2 = 315 mm

Part number*	Colour	Light source	Weight	Half beam angle γ	
8 793 946 009	black	3 x LED 3 W warm white	2.2 kg	C 0 – 180	C 90 – 270
8 793 966 009	white			10°	97°
8 793 956 009	silver grey				

Ecoline with wall arm, L1 = 642 mm, L2 = 615 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 791 044 009	black	T16 14/24 W	G5	2.9 kg	C 0 – 180	C 90 – 270
8 791 064 009	white				82°	109°
8 791 054 009	silver grey					

Ecoline with wall arm, wall washer, L1 = 642 mm, L2 = 615 mm

Part number*	Colour	Light source	Weight	Half beam angle γ	
8 793 046 009	black	6 x LED 3 W warm white	2.8 kg	C 0 – 180	C 90 – 270
8 793 066 009	white			10°	97°
8 793 056 009	silver grey				

Ecoline with wall arm, L1 = 942 mm, L2 = 915 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 791 141 009	black	T16 21/39 W	G5	3.5 kg	C 0 – 180	C 90 – 270
8 791 161 009	white				82°	109°
8 791 151 009	silver grey					

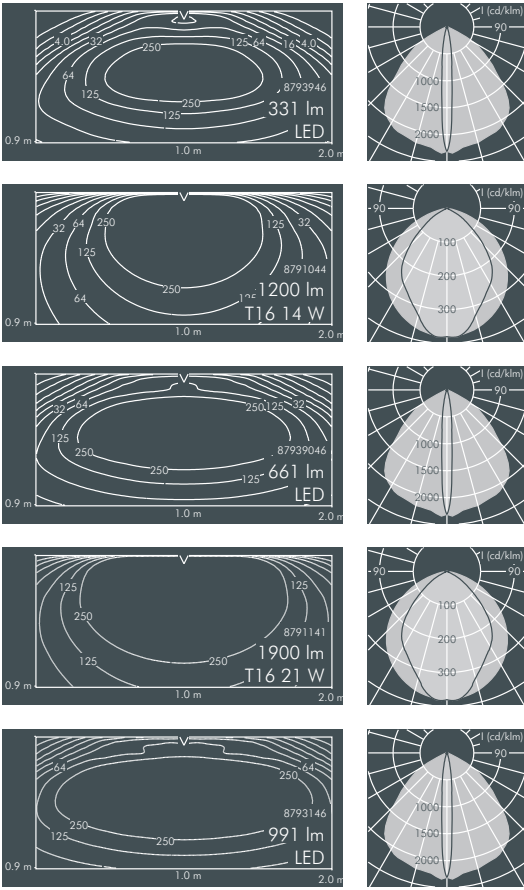
Ecoline with wall arm, wall washer, L1 = 942 mm, L2 = 915 mm

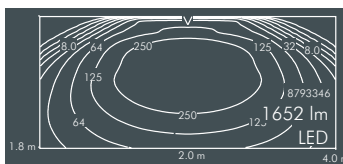
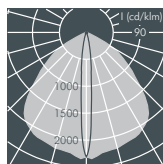
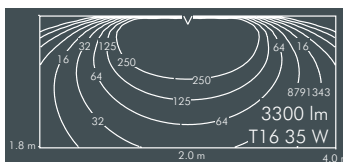
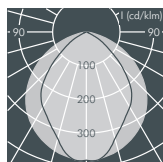
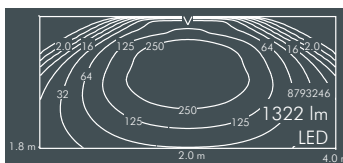
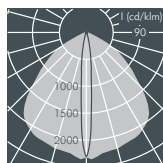
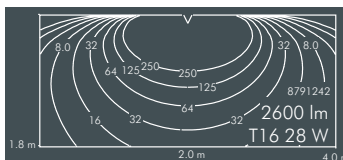
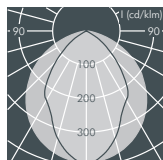
Part number*	Colour	Light source	Weight	Half beam angle γ	
8 793 146 009	black	9 x LED 3 W warm white	3.6 kg	C 0 – 180	C 90 – 270
8 793 166 009	white			10°	97°
8 793 156 009	silver grey				

Ecoline with wall arm, wall washer

Part number*	Description
8 793 . . . 209	Dimmable luminaire (1-10 V)**

*The luminaires can also be supplied with neutral white LEDs upon request.
**Not available for luminaire L1 = 342 mm.




Ecoline with wall arm, L1 = 1242 mm, L2 = 1215 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 791 242 009	black	T16 28/54 W	G5	4.0 kg	82°	109°
8 791 262 009	white					
8 791 252 009	silver grey					

Ecoline with wall arm, wall washer, L1 = 1242 mm, L2 = 1215 mm

Part number *	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 793 246 009	black	12 x LED 3 W warm white	4.1 kg	10°	97°
8 793 266 009	white				
8 793 256 009	silver grey				

Ecoline with wall arm, L1 = 1542 mm, L2 = 1515 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 791 343 009	black	T16 35/49/80 W	G5	4.6 kg	82°	109°
8 791 363 009	white					
8 791 353 009	silver grey					

Ecoline with wall arm, wall washer, L1 = 1542 mm, L2 = 1515 mm

Part number *	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 793 346 009	black	15 x LED 3 W warm white	4.7 kg	10°	97°
8 793 366 009	white				
8 793 356 009	silver grey				

Ecoline with wall arm, wall washer

Part number *	Description
8 793 . . . 209	Dimmable luminaire (1-10 V)**

*The luminaires can also be supplied with neutral white LEDs upon request.

**Not available for luminaire L1 = 342 mm.



The luminaires with wall arm are useful for sign lighting. The slim luminaire profile allows them to be installed discreetly above or below the sign.

Lamps/Light source (see page 364–365)

T16 LEDs, replacement modules available





Regardless of the number of luminaires to be connected, just 1 wall flange set **or** 1 wall arm set is required to mount the outer left and right hand luminaires, SL and SR, to the surface.

Mounting components for Ecoline S Modular System

Part number	Colour	Description
127 0 299 940	black	Wall flange set,
127 0 299 960	white	(pair) for outer luminaires
127 0 299 950	silver grey	

Mounting components for Ecoline S Modular System

Part number	Colour	Description
127 0 300 940	black	Wall arm set,
127 0 300 960	white	(pair) for outer luminaires,
127 0 300 950	silver grey	length 196 mm

To connect two luminaires together, either one connection flange **or** one connection arm is required. The number of these connection parts required equals the total number of luminaires minus 1.

Mounting components for Ecoline S Modular System

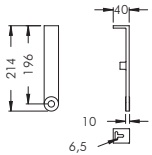
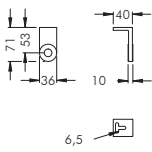
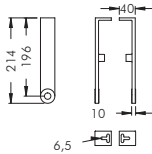
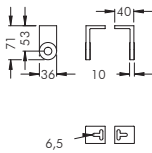
Part number	Colour	Description
127 0 301 940	black	Connection flange,
127 0 301 960	white	for connection of 2 luminaires,
127 0 301 950	silver grey	c/w cable for through wiring

Mounting components for Ecoline S Modular System

Part number	Colour	Description
127 0 302 940	black	Connection arm,
127 0 302 960	white	for connection of 2 luminaires, c/w cable for through
127 0 302 950	silver grey	wiring, length 196 mm

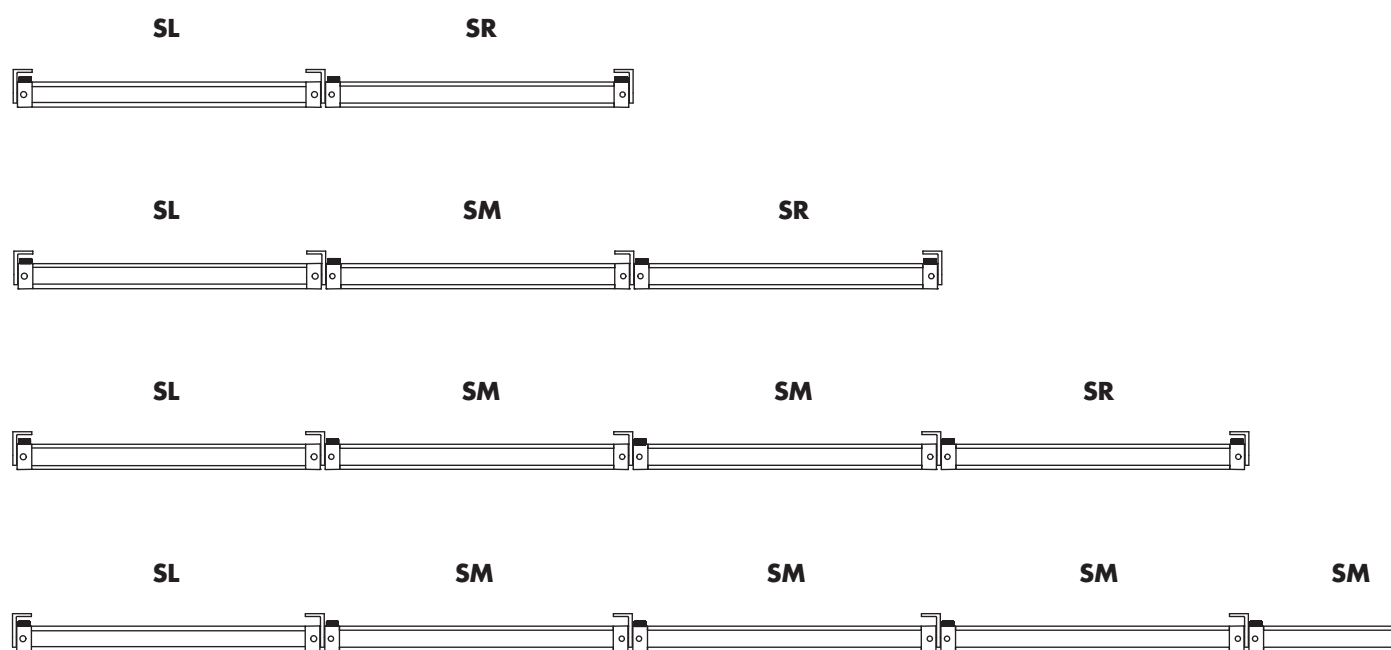
Ecoline S Modular System

The luminaire modules are joined together in continuous runs. The luminaire system is installed using either wall flanges or wall arms. The wall arms increase the distance between the luminaire and the surface to be illuminated, thus increasing the uniformity of light distribution.



The Modular System

Luminaires of different lengths and wattages can be connected together. One left (SL) and one right (SR) luminaire are always required. In addition to these, middle luminaires (SM) can be added to the system.

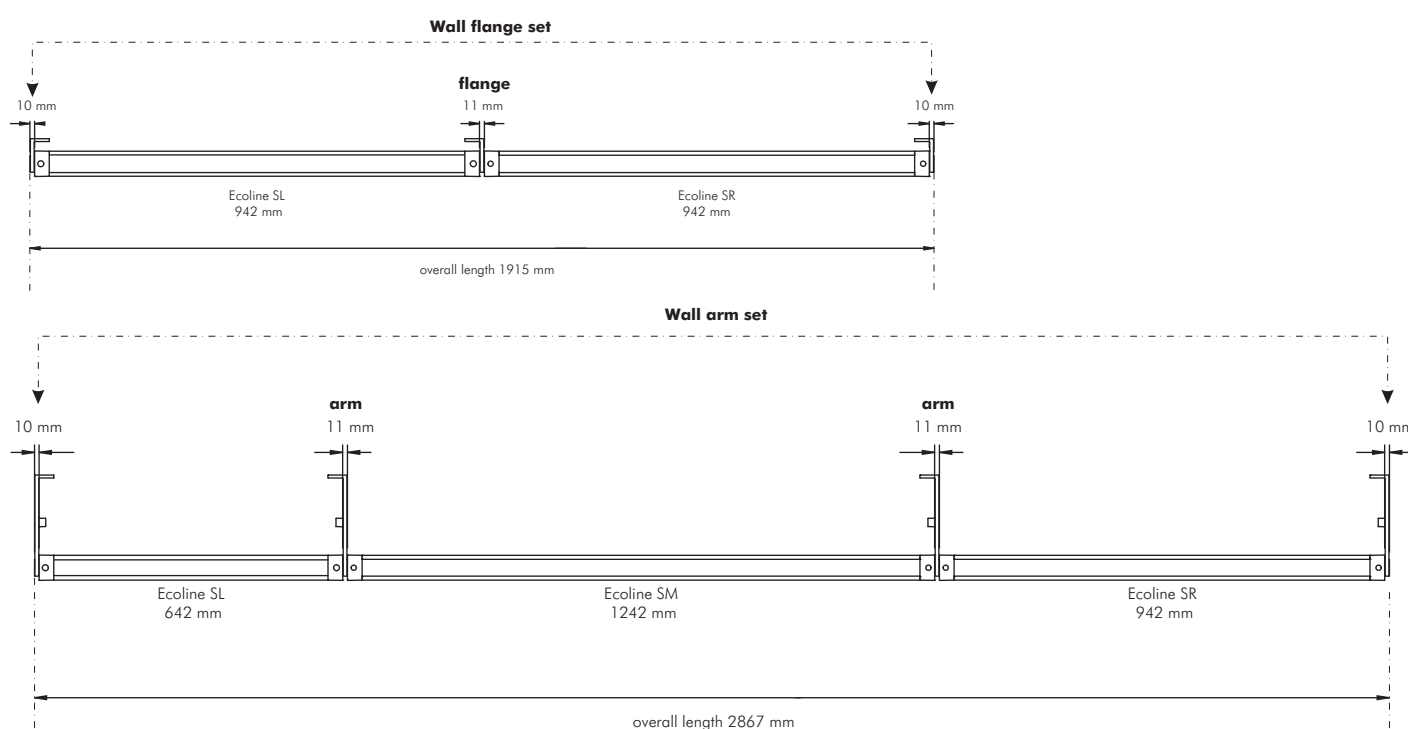


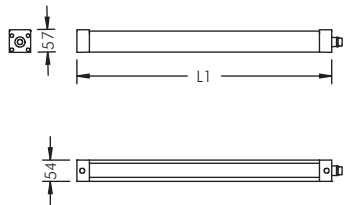
■ Cable gland (on rear side)

Examples

To calculate the overall length of the system, the lengths of the individual luminaire modules and the dimensions of the connection flanges or arms must be added together.

By combining luminaires of different lengths, the overall length of the system can be made to coincide with the dimensions of the surface to be illuminated.



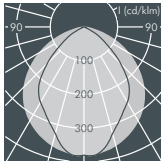


Ecoline SL Modular System
(T16), left

For T16 fluorescent lamps
protection class I, IP65 , IK10
housing made of extruded aluminium and die cast
aluminium, polyester powder coated,
high gloss aluminium reflector,
all exterior steel parts are stainless steel,
polycarbonate cover, silicon gasket,
closure by 2 stainless steel screws,
with stainless steel coupling on right side,
tilt range 220°, M20 cable gland,
integral electronic ballast, supplied without lamp

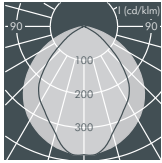
Ecoline SL, left, L1 = 642 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 794 044 009	black	T16 14/24 W	G5	2.2 kg	C 0 – 180	C 90 – 270
8 794 064 009	white				82°	109°
8 794 054 009	silver grey					



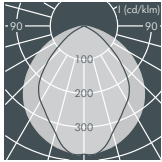
Ecoline SL, left, L1 = 942 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 794 141 009	black	T16 21/39 W	G5	2.8 kg	C 0 – 180	C 90 – 270
8 794 161 009	white				82°	109°
8 794 151 009	silver grey					



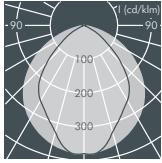
Ecoline SL, left, L1 = 1242 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 794 242 009	black	T16 28/54 W	G5	3.3 kg	C 0 – 180	C 90 – 270
8 794 262 009	white				82°	109°
8 794 252 009	silver grey					



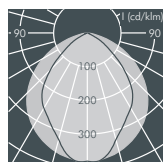
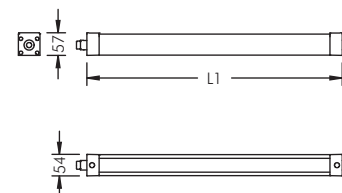
Ecoline SL, left, L1 = 1542 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 794 343 009	black	T16 35/49/80 W	G5	3.9 kg	C 0 – 180	C 90 – 270
8 794 363 009	white				82°	109°
8 794 353 009	silver grey					



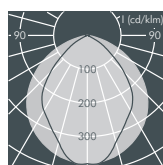
Ecoline SM Modular System (T16), middle

For T16 fluorescent lamps
 protection class I, IP65 , IK10
 housing made of extruded aluminium and die cast aluminium, polyester powder coated,
 high gloss aluminium reflector,
 all exterior steel parts are stainless steel,
 polycarbonate cover, silicon gasket,
 closure by 2 stainless steel screws,
 with stainless steel couplings on left and right side,
 tilt range 220°, M20 cable gland,
 integral electronic ballast, supplied without lamp



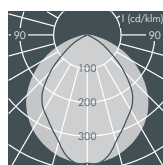
Ecoline SM, middle, L1 = 642 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 795 044 009	black	T16 14/24 W	G5	2.2 kg	C 0 – 180	C 90 – 270
8 795 064 009	white				82°	109°
8 795 054 009	silver grey					



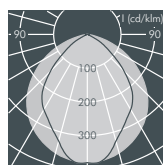
Ecoline SM, middle, L1 = 942 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 795 141 009	black	T16 21/39 W	G5	2.8 kg	C 0 – 180	C 90 – 270
8 795 161 009	white				82°	109°
8 795 151 009	silver grey					



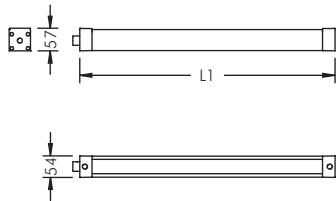
Ecoline SM, middle, L1 = 1242 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 795 242 009	black	T16 28/54 W	G5	3.3 kg	C 0 – 180	C 90 – 270
8 795 262 009	white				82°	109°
8 795 252 009	silver grey					



Ecoline SM, middle, L1 = 1542 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 795 343 009	black	T16 35/49/80 W	G5	3.9 kg	C 0 – 180	C 90 – 270
8 795 363 009	white				82°	109°
8 795 353 009	silver grey					

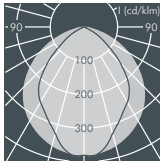


**Ecoline SR Modular System
(T16), right**

For T16 fluorescent lamps
protection class I, IP65 , IK10
housing made of extruded aluminium and die cast
aluminium, polyester powder coated,
high gloss aluminium reflector,
all exterior steel parts are stainless steel,
polycarbonate cover, silicon gasket,
closure by 2 stainless steel screws,
with stainless steel coupling on left side,
tilt range 220°, M20 cable gland,
integral electronic ballast, supplied without lamp

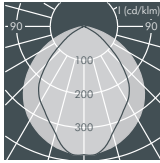
Ecoline SR, right, L1 = 642 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 796 044 009	black	T16 14/24 W	G5	2.2 kg	C 0 – 180	C 90 – 270
8 796 064 009	white				82°	109°
8 796 054 009	silver grey					



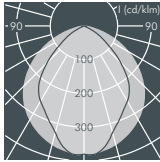
Ecoline SR, right, L1 = 942 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 796 141 009	black	T16 21/39 W	G5	2.8 kg	C 0 – 180	C 90 – 270
8 796 161 009	white				82°	109°
8 796 151 009	silver grey					



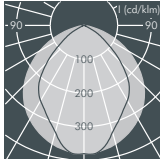
Ecoline SR, right, L1 = 1242 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 796 242 009	black	T16 28/54 W	G5	3.3 kg	C 0 – 180	C 90 – 270
8 796 262 009	white				82°	109°
8 796 252 009	silver grey					



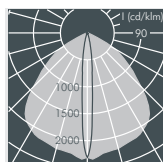
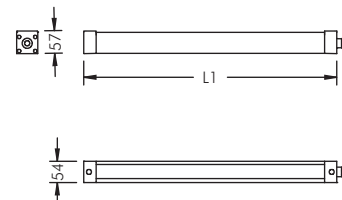
Ecoline SR, right, L1 = 1542 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 796 343 009	black	T16 35/49/80 W	G5	3.9 kg	C 0 – 180	C 90 – 270
8 796 363 009	white				82°	109°
8 796 353 009	silver grey					



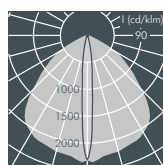
Ecoline SL Modular System (LED), left

With high performance LEDs, thermal monitoring device, wall washer light distribution, protection class I, IP65 , IK10 housing made of extruded aluminium and die cast aluminium, polyester powder coated, all exterior steel parts are stainless steel, polycarbonate cover, silicon gasket, closure by 2 stainless steel screws, with stainless steel coupling on right side, tilt range 220°, M20 cable gland, integral converter



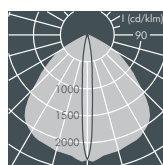
Ecoline SL, left, wall washer, L1 = 642 mm

Part number *	Colour	Light source	Weight	Half beam angle γ	
8 797 046 009	black	6 x LED 3 W warm white	2.3 kg	C 0 – 180	C 90 – 270
8 797 066 009	white			10°	97°
8 797 056 009	silver grey				



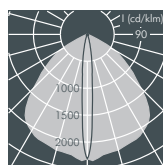
Ecoline SL, left, wall washer, L1 = 942 mm

Part number *	Colour	Light source	Weight	Half beam angle γ	
8 797 146 009	black	9 x LED 3 W warm white	2.9 kg	C 0 – 180	C 90 – 270
8 797 166 009	white			10°	97°
8 797 156 009	silver grey				



Ecoline SL, left, wall washer, L1 = 1242 mm

Part number *	Colour	Light source	Weight	Half beam angle γ	
8 797 246 009	black	12 x LED 3 W warm white	3.4 kg	C 0 – 180	C 90 – 270
8 797 266 009	white			10°	97°
8 797 256 009	silver grey				



Ecoline SL, left, wall washer, L1 = 1542 mm

Part number *	Colour	Light source	Weight	Half beam angle γ	
8 797 346 009	black	15 x LED 3 W warm white	4.0 kg	C 0 – 180	C 90 – 270
8 797 366 009	white			10°	97°
8 797 356 009	silver grey				

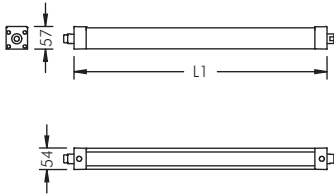
Part number *	Description
8 797 . . . 209	Dimmable luminaire (1-10 V)

*The luminaires can also be supplied with neutral white LEDs upon request.

Light source

LEDs, replacement modules available



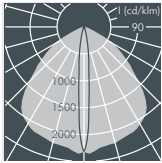


Ecoline SM Modular System (LED), middle

With high performance LEDs, thermal monitoring device, wall washer light distribution, protection class I, IP65 , IK10 housing made of extruded aluminium and die cast aluminium, polyester powder coated, all exterior steel parts are stainless steel, polycarbonate cover, silicon gasket, closure by 2 stainless steel screws, with stainless steel couplings on left and right side, tilt range 220°, M20 cable gland, integral converter

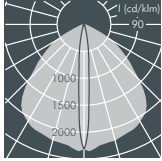
Ecoline SM, middle, wall washer, L1 = 642 mm

Part number*	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 798 046 009	black	6 x LED 3 W warm white	2.3 kg	10°	97°
8 798 066 009	white				
8 798 056 009	silver grey				



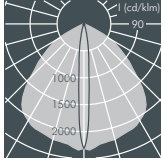
Ecoline SM, middle, wall washer, L1 = 942 mm

Part number*	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 798 146 009	black	9 x LED 3 W warm white	2.9 kg	10°	97°
8 798 166 009	white				
8 798 156 009	silver grey				



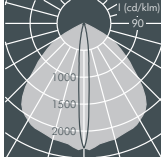
Ecoline SM, middle, wall washer, L1 = 1242 mm

Part number*	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 798 246 009	black	12 x LED 3 W warm white	3.4 kg	10°	97°
8 798 266 009	white				
8 798 256 009	silver grey				



Ecoline SM, middle, wall washer, L1 = 1542 mm

Part number*	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 798 346 009	black	15 x LED 3 W warm white	4.0 kg	10°	97°
8 798 366 009	white				
8 798 356 009	silver grey				



Part number*	Description
8 798 . . . 209	Dimmable luminaire (1-10 V)

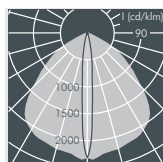
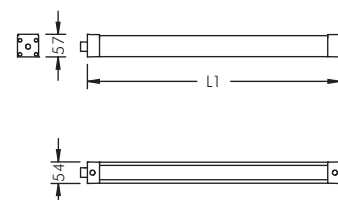
*The luminaires can also be supplied with neutral white LEDs upon request.

Light source
LEDs, replacement modules available



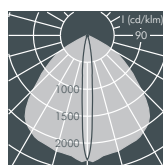
Ecoline SR Modular System (LED), right

With high performance LEDs, thermal monitoring device, wall washer light distribution, protection class I, IP65 , IK10 housing made of extruded aluminium and die cast aluminium, polyester powder coated, all exterior steel parts are stainless steel, polycarbonate cover, silicon gasket, closure by 2 stainless steel screws, with stainless steel coupling on left side, tilt range 220°, M20 cable gland, integral converter



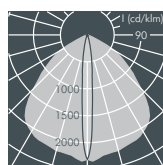
Ecoline SR, right, wall washer, L1 = 642 mm

Part number *	Colour	Light source	Weight	Half beam angle γ	
8 799 046 009	black	6 x LED 3 W warm white	2.3 kg	C 0 – 180	C 90 – 270
8 799 066 009	white			10°	97°
8 799 056 009	silver grey				



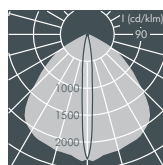
Ecoline SR, right, wall washer, L1 = 942 mm

Part number *	Colour	Light source	Weight	Half beam angle γ	
8 799 146 009	black	9 x LED 3 W warm white	2.9 kg	C 0 – 180	C 90 – 270
8 799 166 009	white			10°	97°
8 799 156 009	silver grey				



Ecoline SR, right, wall washer, L1 = 1242 mm

Part number *	Colour	Light source	Weight	Half beam angle γ	
8 799 246 009	black	12 x LED 3 W warm white	3.4 kg	C 0 – 180	C 90 – 270
8 799 266 009	white			10°	97°
8 799 256 009	silver grey				



Ecoline SR, right, wall washer, L1 = 1542 mm

Part number *	Colour	Light source	Weight	Half beam angle γ	
8 799 346 009	black	15 x LED 3 W warm white	4.0 kg	C 0 – 180	C 90 – 270
8 799 366 009	white			10°	97°
8 799 356 009	silver grey				

Part number *	Description
8 799 . . . 209	Dimmable luminaire (1-10 V)

*The luminaires can also be supplied with neutral white LEDs upon request.

Light source

LEDs, replacement modules available





Design: Roy Fleetwood

Nightvision is an innovative series of luminaires for façade illumination. There are various reflectors to choose from, with which to master the task of lighting design. The luminaires are available in two sizes of housing for high pressure discharge lamps of various wattages:

- Nightvision Mini for 20 and 35 Watt miniature metal halide lamps
- Nightvision for 35, 70 and 150 Watt metal halide and high pressure sodium lamps

The luminaires are designed to be mounted on walls or façades by means of a bracket or flange.

Precise optics ensure that the light falls mainly onto the surface to be illuminated. In this way Nightvision plays an active rôle in avoiding light pollution in the context of "Dark Sky".



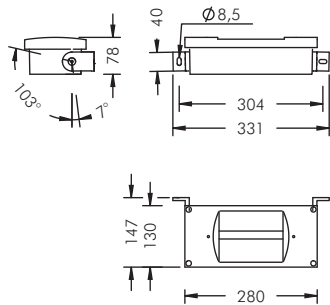
The low profile housing and the simple design make it possible to install these luminaires very discreetly, for example on ledges.

Luminaires with a wall washer distribution produce a “fan of light” and are particularly suitable for achieving uniform façade illumination or for accent lighting of details such as window reveals.



H&M Harajaku store, Tokyo
Lighting design:
dpa lighting consultants,
Oxfordshire and Tokyo offices,
Richard Bolt + Akihiko Kawabata





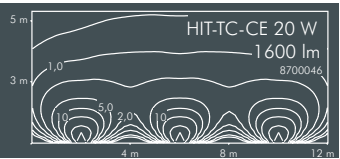
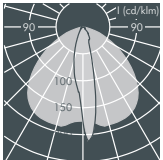
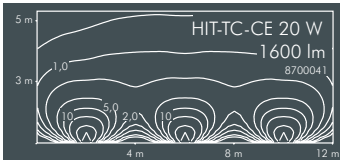
Nightvision Mini Wall washer

For ceramic metal halide lamps (HIT-TC-CE), protection class I, IP65 , IK07 die cast aluminium housing, polyester powder coated, high gloss textured aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure by 4 stainless steel screws, mounting flange with tilt scale, 2 drilled holes Ø 8,5 mm, spacing 304 mm, tilt range 110°, 2 x M20 cable glands, integral electronic ballast, supplied without lamp

Nightvision Mini 20 W, wall washer

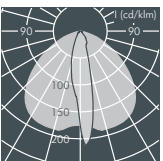
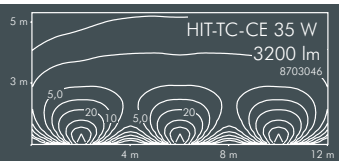
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 700 041 009	black	Philips CDM-Tm 20 W	PGJ5	2.4 kg	C 0 – 180	C 90 – 270
8 700 061 009	white				13°	110°
8 700 051 009	silver grey					

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 700 046 009	black	General Electric	GU 6.5	2.5 kg	C 0 – 180	C 90 – 270
8 700 066 009	white	CMH 20 W/			13°	110°
8 700 056 009	silver grey	Osram HCHT 20 W				



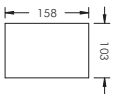
Nightvision Mini 35 W, wall washer

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 703 046 009	black	General Electric	GU 6.5	2.5 kg	C 0 – 180	C 90 – 270
8 703 066 009	white	CMH 35 W/			13°	110°
8 703 056 009	silver grey	Osram HCHT 35 W				



Accessories for Nightvision Mini, wallwasher

Part number	Colour	Description
127 0 241 000	yellow	Dichroic colour filter , internally fitted
127 0 247 000	red	
127 0 243 000	blue	
127 0 248 000	green	



Lamps (see page 364–365)

HIT-TC-CE

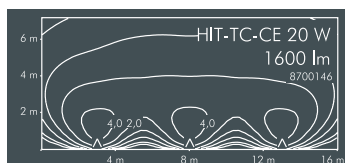
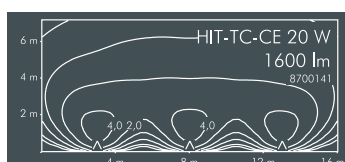
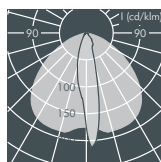
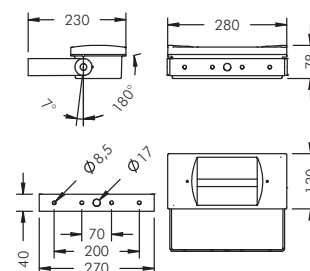


HIT-TC-CE



Nightvision Mini Wall washer with mounting bracket

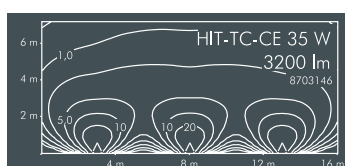
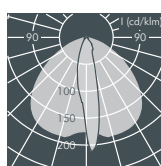
For ceramic metal halide lamps (HIT-TC-CE), protection class I, IP65 , IK07 die cast aluminium housing, polyester powder coated, high gloss textured aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure by 4 stainless steel screws, mounting bracket with tilt scale, 4 drilled holes $\varnothing 8,5$ mm, spacing 70 mm (200 mm), 1 centre hole $\varnothing 17$ mm, tilt range 110° , 2 x M20 cable glands, integral electronic ballast, supplied without lamp



Nightvision Mini 20 W, wall washer with mounting bracket

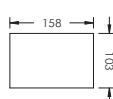
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 700 141 009	black	Philips CDM-Tm 20 W	PGJ5	2.2 kg	C 0 – 180	C 90 – 270
8 700 161 009	white				13°	110°
8 700 151 009	silver grey					

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 700 146 009	black	General Electric CMH 20 W/ Osram HCI-TF 20 W	GU 6.5	2.3 kg	C 0 – 180	C 90 – 270
8 700 166 009	white				13°	110°
8 700 156 009	silver grey					



Nightvision Mini 35 W, wall washer with mounting bracket

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 703 146 009	black	General Electric CMH 35 W/ Osram HCI-TF 35 W	GU 6.5	2.3 kg	C 0 – 180	C 90 – 270
8 703 166 009	white				13°	110°
8 703 156 009	silver grey					



Accessories for Nightvision Mini, wall washer with mounting bracket

Part number	Colour	Description
127 0 241 000	yellow	Dichroic colour filter , internally fitted
127 0 247 000	red	
127 0 243 000	blue	
127 0 248 000	green	

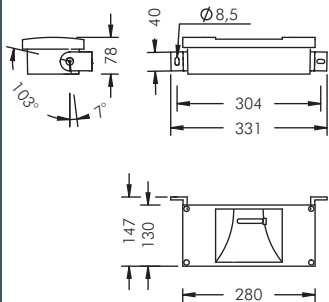
Lamps (see page 364–365)

HIT-TC-CE



HIT-TC-CE





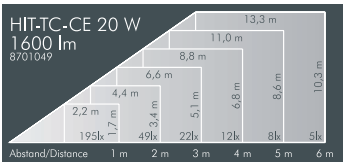
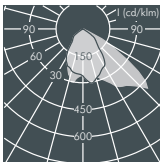
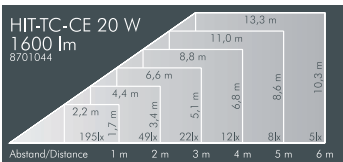
Nightvision Mini Asymmetrical wide beam

For ceramic metal halide lamps (HIT-TC-CE), protection class I, IP65 , IK09 die cast aluminium housing, polyester powder coated, asymmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure by 4 stainless steel screws, mounting flange with tilt scale, 2 drilled holes Ø 8,5 mm, spacing 304 mm, tilt range 110°, 2 x M20 cable glands, integral electronic ballast, supplied without lamp

Nightvision Mini 20 W, asymmetrical wide beam

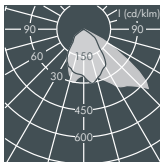
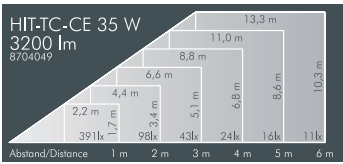
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 701 044 009	black	Philips CDM-Tm 20 W	PGJ5	2.4 kg	C 0 – 180	C 90 – 270
8 701 064 009	white				78°	72°
8 701 054 009	silver grey					

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 701 049 009	black	General Electric	GU 6.5	2.5 kg	C 0 – 180	C 90 – 270
8 701 069 009	white	CMH 20 W/			78°	72°
8 701 059 009	silver grey	Osram HCHT 20 W				



Nightvision Mini 35 W, asymmetrical wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 704 049 009	black	General Electric CMH 35 W/	GU 6.5	2.5 kg	C 0 – 180	C 90 – 270
8 704 069 009	white				78°	72°
8 704 059 009	silver grey	Osram HCHT 35 W				

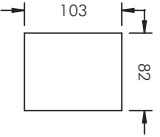


Nightvision Mini, asymmetrical wide beam

Part number	Description
... 3 ...	Luminaire with opposite beam direction, lampholder PGJ5
... 8 ...	Luminaire with opposite beam direction, lampholder GU 6.5

Accessories for Nightvision Mini, asymmetrical wide beam

Part number	Colour	Description
127 0 251 000	yellow	Dichroic colour filter, internally fitted
127 0 257 000	red	
127 0 253 000	blue	
127 0 258 000	green	



Lamps (see page 364–365)

HIT-TC-CE



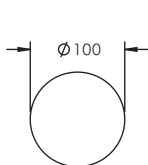
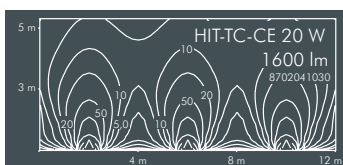
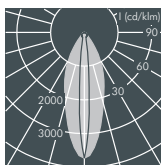
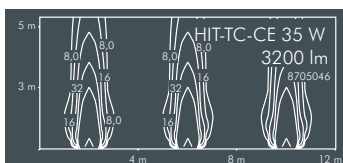
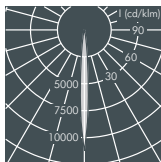
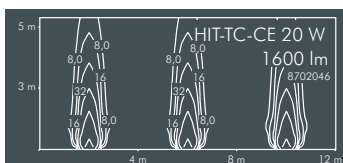
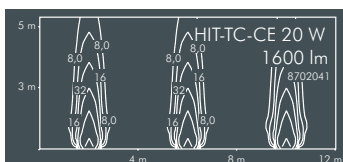
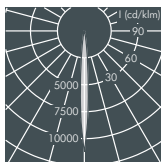
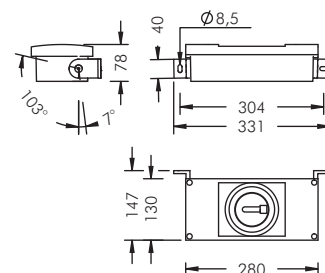
HIT-TC-CE



Nightvision Mini

Rotationally symmetrical narrow beam

For ceramic metal halide lamps (HIT-TC-CE), protection class I, IP65 , IK09 die cast aluminium housing, polyester powder coated, high gloss rotationally symmetrical aluminium reflector, internally fitted radial louvre, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure by 4 stainless steel screws, mounting flange with tilt scale, 2 drilled holes $\varnothing 8,5$ mm, spacing 304 mm, tilt range 110° , 2 x M20 cable glands, integral electronic ballast, supplied without lamp



Nightvision Mini 20 W, rotationally symmetrical narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 702 041 009	black	Philips CDM-Tm	PGJ5	2.4 kg	7°
8 702 061 009	white	20 W			
8 702 051 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 702 046 009	black	General Electric	GU 6.5	2.5 kg	7°
8 702 066 009	white	CMH 20 W/			
8 702 056 009	silver grey	Osram HCI-TF 20 W			

Nightvision Mini 35 W, rotationally symmetrical narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 705 046 009	black	General Electric	GU 6.5	2.5 kg	7°
8 705 066 009	white	CMH 35 W/			
8 705 056 009	silver grey	Osram HCI-TF 35 W			

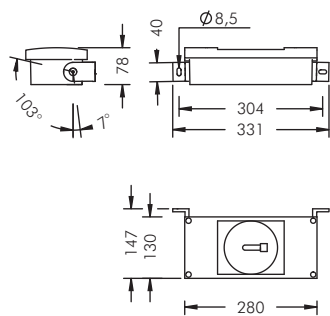
Nightvision Mini 20/35 W, rotationally symmetrical narrow beam

Part number	Description	Half beam angle γ
		C 0 – 180
... 039	Luminaire with ribbed glass for linear beam control	8° C 90 – 270 34°

Accessories for Nightvision Mini, rotationally symmetrical narrow beam

Part number	Colour	Description
127 0 291 000	yellow	Dichroic colour filter , internally fitted
127 0 297 000	red	
127 0 293 000	blue	
127 0 298 000	green	





Nightvision Mini
Rotationally symmetrical
medium wide beam

For ceramic metal halide lamps (HIT-TC-CE), protection class I, IP65 , IK09 die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure by 4 stainless steel screws, mounting flange with tilt scale, 2 drilled holes Ø 8,5 mm, spacing 304 mm, tilt range 110°, 2 x M20 cable glands, integral electronic ballast, supplied without lamp

Nightvision Mini 20 W, rotationally symmetrical medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 702 042 009	black	Philips CDM-Tm 20 W	PGJ5	2.4 kg	43°
8 702 062 009	white				
8 702 052 009	silver grey				

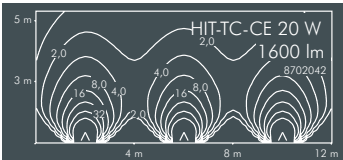
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 702 047 009	black	General Electric CMH 20 W/	GU 6.5	2.5 kg	43°
8 702 067 009	white				
8 702 057 009	silver grey	Osram HCHT 20 W			

Nightvision Mini 35 W, rotationally symmetrical medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 705 047 009	black	General Electric CMH 35 W/	GU 6.5	2.5 kg	43°
8 705 067 009	white				
8 705 057 009	silver grey	Osram HCHT 35 W			

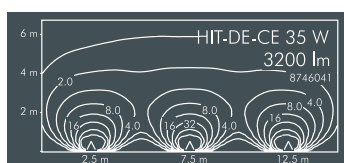
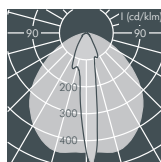
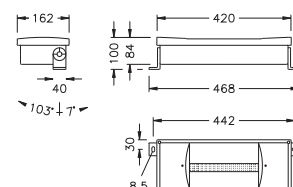
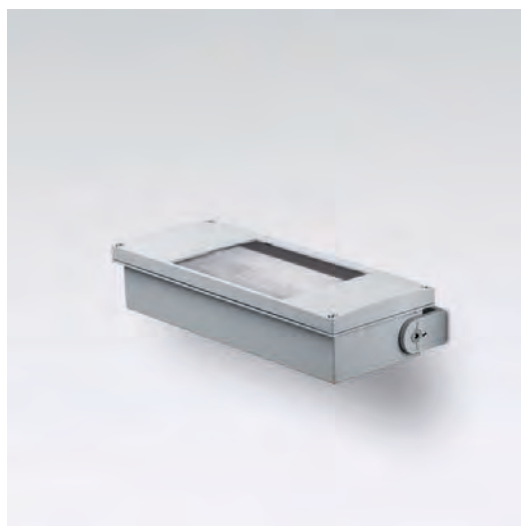
Accessories for Nightvision Mini, rotationally symmetrical medium wide beam

Part number	Colour	Description
127 0 291 000	yellow	Dichroic colour filter , internally fitted
127 0 297 000	red	
127 0 293 000	blue	
127 0 298 000	green	



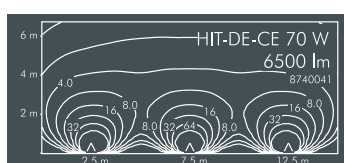
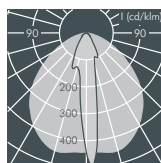
Nightvision Wall washer

For ceramic metal halide lamps (HIT-DE-CE) and high pressure sodium lamps (HST-DE)
protection class I, IP65  , IK07
die cast aluminium housing, polyester powder coated, high gloss aluminium reflector, all exterior steel parts stainless steel, tempered safety glass, silicon gasket, closure by 4 stainless steel screws, mounting flange with tilt scale, 2 drilled holes $\varnothing 8.5$ mm, spacing 442 mm, tilt range 110° , M20 cable gland, integral ballast and ignitor, HPF available (see page 362), supplied without lamp



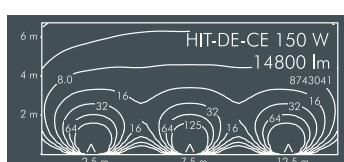
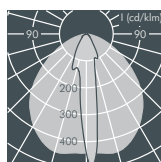
Nightvision 35 W, wall washer

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 746 041 009	black	HIT-DE-CE 35 W	Rx7s	3.9 kg	C 0 – 180	C 90 – 270
8 746 061 009	white	General Electric			10°	102°
8 746 051 009	silver grey					



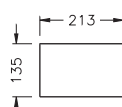
Nightvision 70 W, wall washer

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 740 041 009	black	HIT-DE-CE 70 W	Rx7s	4.2 kg	C 0 – 180	C 90 – 270
8 740 061 009	white	HST-DE 70 W			10°	102°
8 740 051 009	silver grey					



Nightvision 150 W, wall washer

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 743 041 009	black	HIT-DE-CE 150 W	Rx7s	4.9 kg	C 0 – 180	C 90 – 270
8 743 061 009	white	HST-DE 150 W			10°	102°
8 743 051 009	silver grey					



Lamps (see page 364–365)

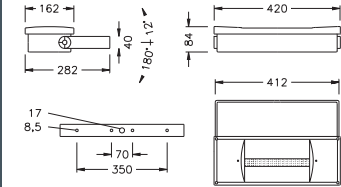
HIT-DE-CE

HST-DE



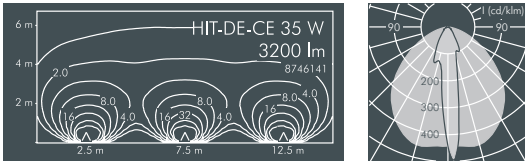
Accessories for Nightvision, wall washer

Part number	Colour	Description
127 0 151 000	yellow	Colour filter , internally fitted (not suitable for use in 150 W fittings)
127 0 153 000	blue	
127 0 157 000	red	
127 0 158 000	green	

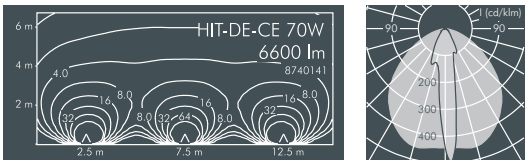


Nightvision
Wall washer with mounting bracket
For ceramic metal halide lamps (HIT-DE-CE) and high pressure sodium lamps (HST-DE)
protection class I, IP65      , IK07
die cast aluminium housing, polyester powder coated, high gloss aluminium reflector, all exterior steel parts stainless steel, tempered safety glass, silicon gasket, closure by 4 stainless steel screws, mounting flange with tilt scale, mounting bracket with tilt scale: 4 drilled holes Ø 8.5 mm, spacing 70 mm, (350 mm), 1 centre hole Ø 17 mm, tilt range 192°, M20 cable gland, integral ballast and ignitor, HPF available (see page 362), supplied without lamp

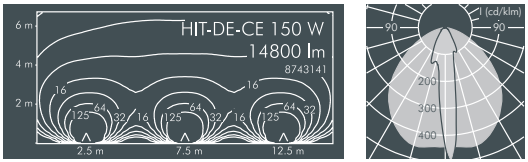
Nightvision 35 W, wall washer with mounting bracket						
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 746 141 009	black	HIT-DE-CE 35 W	Rx7s	3.9 kg	C 0 – 180	C 90 – 270
8 746 161 009	white	General Electric			10°	102°
8 746 151 009	silver grey					



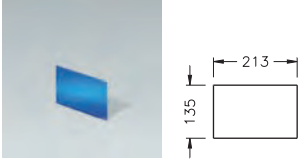
Nightvision 70 W, wall washer with mounting bracket						
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 740 141 009	black	HIT-DE-CE 70 W	Rx7s	4.2 kg	C 0 – 180	C 90 – 270
8 740 161 009	white	HST-DE 70 W			10°	102°
8 740 151 009	silver grey					



Nightvision 150 W, wall washer with mounting bracket						
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 743 141 009	black	HIT-DE-CE 150 W	Rx7s	4.9 kg	C 0 – 180	C 90 – 270
8 743 161 009	white	HST-DE 150 W			10°	102°
8 743 151 009	silver grey					



Accessories for Nightvision, wall washer with mounting bracket		
Part number	Colour	Description
127 0 151 000	yellow	Colour filter , internally fitted (not suitable for use in 150 W fittings)
127 0 153 000	blue	
127 0 157 000	red	
127 0 158 000	green	

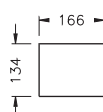
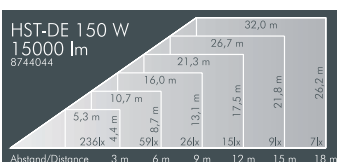
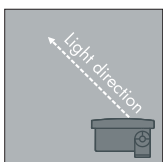
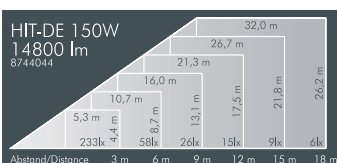
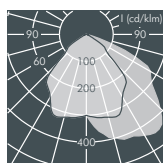
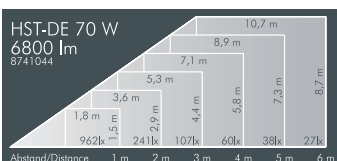
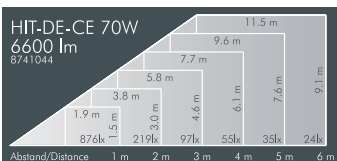
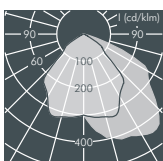
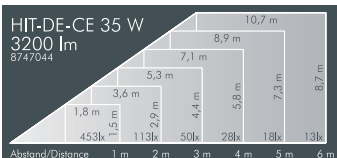
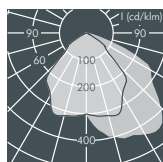
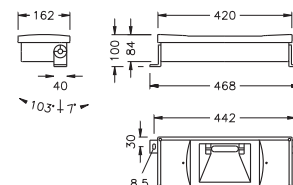


Lamps (see page 364–365)
HIT-DE-CE  HST-DE 

Nightvision

Asymmetrical wide beam

For ceramic metal halide lamps (HIT-DE-CE) and high pressure sodium lamps (HST-DE), protection class I, IP65 , IK09 die cast aluminium housing, polyester powder coated, high gloss asymmetrical aluminium reflector, all exterior steel parts stainless steel, tempered safety glass, silicon gasket, closure by 4 stainless steel screws, mounting flange with tilt scale, 2 drilled holes $\varnothing$ 8.5mm, spacing 442mm, tilt range 110°, M20 cable gland, integral ballast and ignitor, HPF available (see page 362), supplied without lamp



Nightvision 35 W, asymmetrical wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 747 044 009	black	HIT-DE-CE 35 W	RxZs	3.9 kg	C 0 – 180	C 90 – 270
8 747 064 009	white	General Electric			60°	90°
8 747 054 009	silver grey					

Nightvision 70 W, asymmetrical wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 741 044 009	black	HIT-DE-CE 70 W	RxZs	4.2 kg	C 0 – 180	C 90 – 270
8 741 064 009	white	HST-DE 70 W			60°	90°
8 741 054 009	silver grey					

Nightvision 150 W, asymmetrical wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 744 044 009	black	HIT-DE-CE 150 W	RxZs	4.9 kg	C 0 – 180	C 90 – 270
8 744 064 009	white	HST-DE 150 W			60°	90°
8 744 054 009	silver grey					

Accessories for Nightvision, asymmetrical wide beam

Part number	Colour	Description
127 0 161 000	yellow	Colour filter , internally fitted (not suitable for use in 150 W fittings)
127 0 163 000	blue	
127 0 167 000	red	
127 0 168 000	green	

Lamps (see page 364–365)

HIT-DE-CE

HST-DE

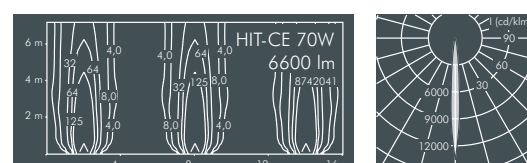




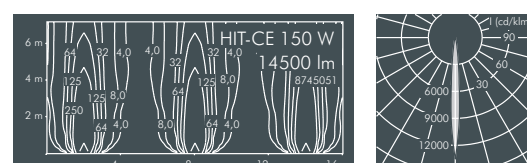
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 748 041 009	black	HIT-CE 35 W	G12	3.9 kg	8°
8 748 061 009	white				
8 748 051 009	silver grey				



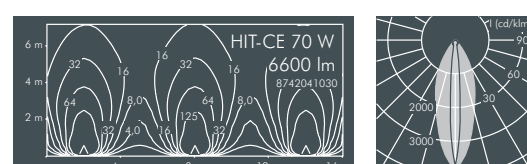
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 742 041 009	black	HIT 70 W	G12	4.2 kg	8°
8 742 061 009	white	HIT-CE 70 W			
8 742 051 009	silver grey				



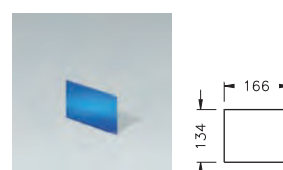
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 745 041 009	black	HIT 150 W	G12	4.9 kg	9°
8 745 061 009	white	HIT-CE 150 W			
8 745 051 009	silver grey				



Part number	Description	Half beam angle γ	
		C 0 – 180	C 90 – 270
. 039	Luminaire with ribbed glass for linear beam control	9°	36°



Part number	Description	Half beam angle γ
• • • • • 069	Luminaire with prismatic glass for diffused light distribution	15°

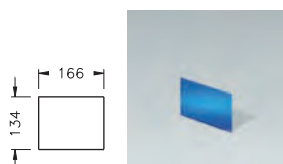
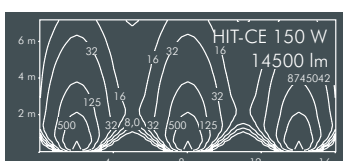
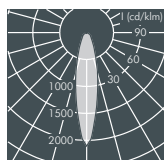
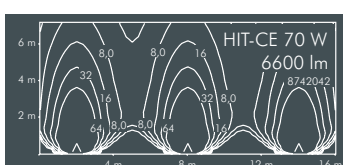
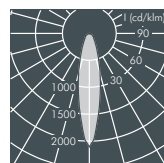
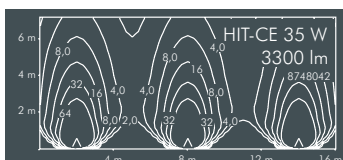
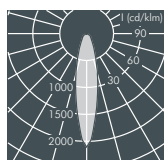
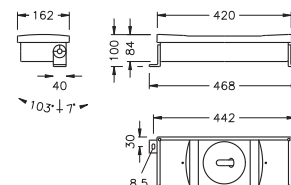


Part number	Colour	Description
127 0 161 000	yellow	Colour filter , internally fitted (not suitable for use in 150 W fittings)
127 0 163 000	blue	
127 0 167 000	red	
127 0 168 000	green	

Nightvision

Rotationally symmetrical medium wide beam

For metal halide lamps (HIT) and ceramic metal halide lamps (HIT-CE)
 protection class I, IP65 , IK09
 die cast aluminium housing, polyester powder coated, satin gloss rotationally symmetrical aluminium reflector, all exterior steel parts stainless steel, tempered safety glass, silicon gasket, closure by 4 stainless steel screws, mounting flange with tilt scale, 2 drilled holes $\varnothing 8.5$ mm, spacing 442 mm, tilt range 110°, M20 cable gland, integral ballast and ignitor, HPF available (see page 362), supplied without lamp



Nightvision 35 W, rotationally symmetrical medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 748 042 009	black	HIT-CE 35 W	G12	3.9 kg	22°
8 748 062 009	white				
8 748 052 009	silver grey				

Nightvision 70 W, rotationally symmetrical medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 742 042 009	black	HIT 70 W	G12	4.2 kg	22°
8 742 062 009	white	HIT-CE 70 W			
8 742 052 009	silver grey				

Nightvision 150 W, rotationally symmetrical medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 745 042 009	black	HIT 150 W	G12	4.9 kg	23°
8 745 062 009	white	HIT-CE 150 W			
8 745 052 009	silver grey				

Accessories for Nightvision, rotationally symmetrical medium wide beam

Part number	Colour	Description
127 0 161 000	yellow	Colour filter , internally fitted (not suitable for use in 150 W fittings)
127 0 163 000	blue	
127 0 167 000	red	
127 0 168 000	green	

Lamps (see page 364–365)

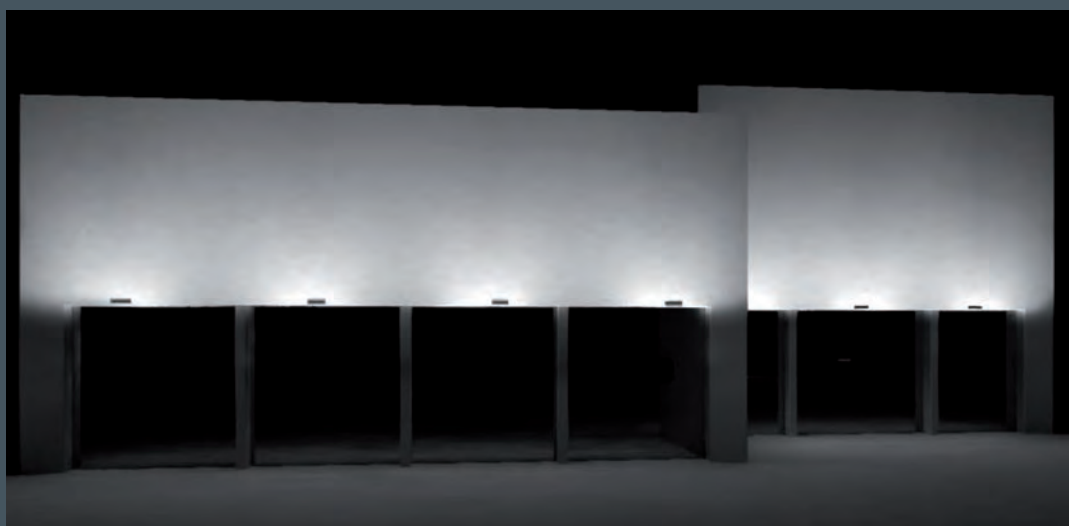
HIT HIT-CE





Design: Roy Fleetwood

Ecovision is an LED luminaire for uniform façade illumination. The special wall washer optics are extremely wide beam in the horizontal plane but narrow beam in the vertical plane. This fans out the light which then grazes up the façade. This makes optimal use of the luminous flux on the area to be illuminated. The shallow profile of the luminaire makes it a very discrete product. Furthermore, the precise optics make it possible to achieve high levels of illumination with low power consumption.

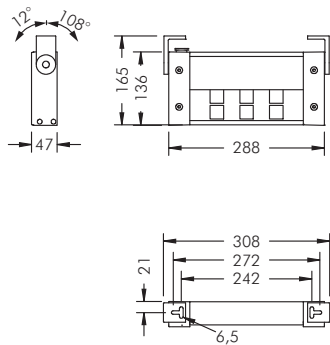




The luminous flux is concentrated in the vertical plane and grazes up the façade with hardly any light pollution.

Precise optics and a shallow housing with excellent heat dissipation properties characterise Ecovision.



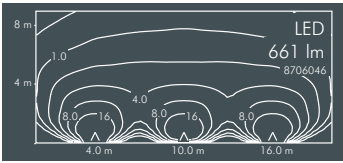


Ecovision Mini
Wall washer

With 6 x 3 W high performance LEDs, integral thermal monitoring device, protection class I, IP65 , IK10 housing made of extruded aluminium and die cast aluminium, polyester powder coated, all exterior steel parts are stainless steel, polycarbonate cover, silicon gasket, closure by 4 stainless steel screws, mounting flange: 2 drilled holes Ø 6.5 mm, spacing 242 mm (for the dimmable version: 282 mm), tilt range 120°, PG11 cable gland, integral converter

Ecovision Mini, wall washer

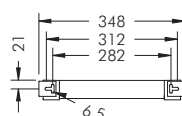
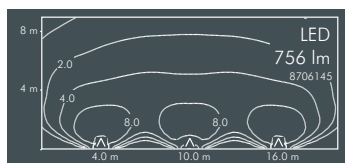
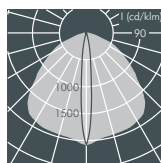
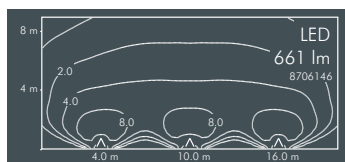
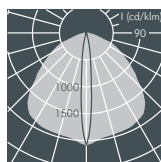
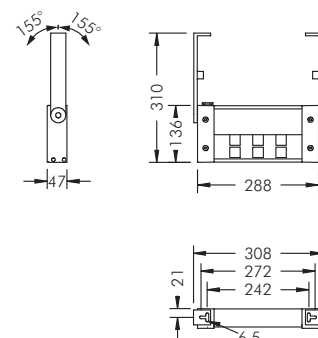
Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 706 046 009	black	6 x LED 3 W warm white	2.3 kg	11°	106°
8 706 066 009	white				
8 706 056 009	silver grey				



Ecovision Mini

Wall washer with wall arms

With 6 x 3 W high performance LEDs,
integral thermal monitoring device,
protection class I, IP65 , IK10
housing made of extruded aluminium and die cast
aluminium, polyester powder coated, all exterior
steel parts are stainless steel, polycarbonate cover,
silicon gasket, closure by 4 stainless steel screws,
wall arms: 2 drilled holes Ø 6.5 mm,
spacing 242 mm (for the dimmable version:
282 mm), tilt range 310°, PG11 cable gland,
integral converter



Ecovision Mini, wall washer with wall arms

Part number	Colour	Light source	Weight	Half beam angle γ	
8 706 146 009	black	6 x LED 3 W warm white	2.8 kg	C 0 – 180	C 90 – 270
8 706 166 009	white			11°	106°
8 706 156 009	silver grey				

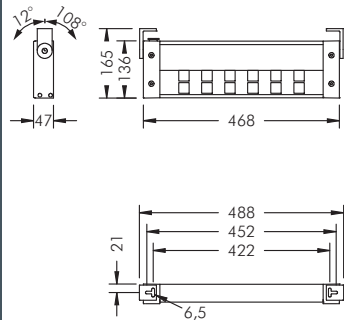
Part number	Colour	Light source	Weight	Half beam angle γ	
8 706 145 009	black	6 x LED 3 W neutral white	2.8 kg	C 0 – 180	C 90 – 270
8 706 165 009	white			11°	106°
8 706 155 009	silver grey				

Part number	Description
8 706 . . . 109	Dimmable luminaire (DALI)
8 706 . . . 209	Dimmable luminaire (1-10 V)

Light source

LEDs, replacement modules available



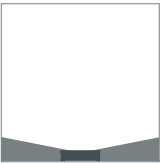
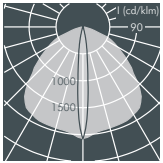
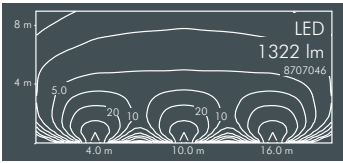


Ecovision
Wall washer

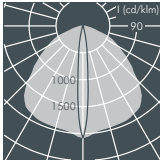
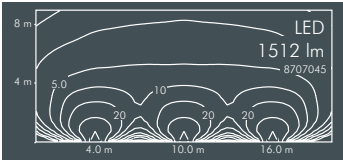
With 12 x 3 W high performance LEDs, integral thermal monitoring device, protection class I, IP65 , IK10 housing made of extruded aluminium and die cast aluminium, polyester powder coated, all exterior steel parts are stainless steel, polycarbonate cover, silicon gasket, closure by 4 stainless steel screws, mounting flange: 2 drilled holes Ø 6.5 mm, spacing 422 mm, tilt range 120°, PG11 cable gland, integral converter

Ecovision, wall washer

Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 707 046 009	black	12 x LED 3 W warm white	2.9 kg	11°	106°
8 707 066 009	white				
8 707 056 009	silver grey				



Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 707 045 009	black	12 x LED 3 W neutral white	2.9 kg	11°	106°
8 707 065 009	white				
8 707 055 009	silver grey				



Part number	Description
8 707 ... 109	Dimmable luminaire (DALI)
8 707 ... 209	Dimmable luminaire (1-10 V)

Light source

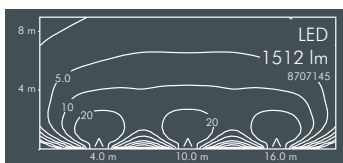
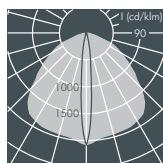
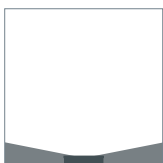
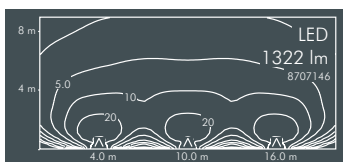
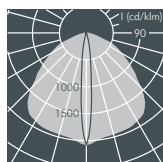
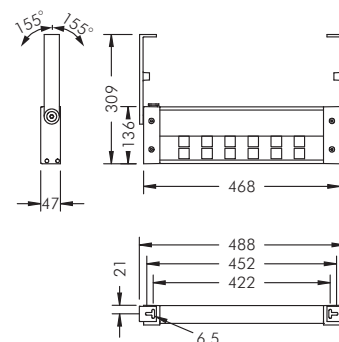
LEDs, replacement modules available



Ecovision

Wall washer with wall arms

With 12 x 3 W high performance LEDs, integral thermal monitoring device, protection class I, IP65 , IK10 housing made of extruded aluminium and die cast aluminium, polyester powder coated, all exterior steel parts are stainless steel, polycarbonate cover, silicon gasket, closure by 4 stainless steel screws, wall arms: 2 drilled holes $\varnothing$ 6.5 mm, spacing 422 mm, tilt range 310°, PG11 cable gland, integral converter



Ecovision, wall washer with wall arms

Part number	Colour	Light source	Weight	Half beam angle γ	
8 707 146 009	black	12 x LED 3 W warm white	3.4 kg	C 0 – 180	C 90 – 270
8 707 166 009	white			11°	106°
8 707 156 009	silver grey				

Part number	Colour	Light source	Weight	Half beam angle γ	
8 707 145 009	black	12 x LED 3 W neutral white	3.4 kg	C 0 – 180	C 90 – 270
8 707 165 009	white			11°	106°
8 707 155 009	silver grey				

Part number	Description
8 707 ... 109	Dimmable luminaire (DALI)
8 707 ... 209	Dimmable luminaire (1-10 V)

Light source

LEDs, replacement modules available

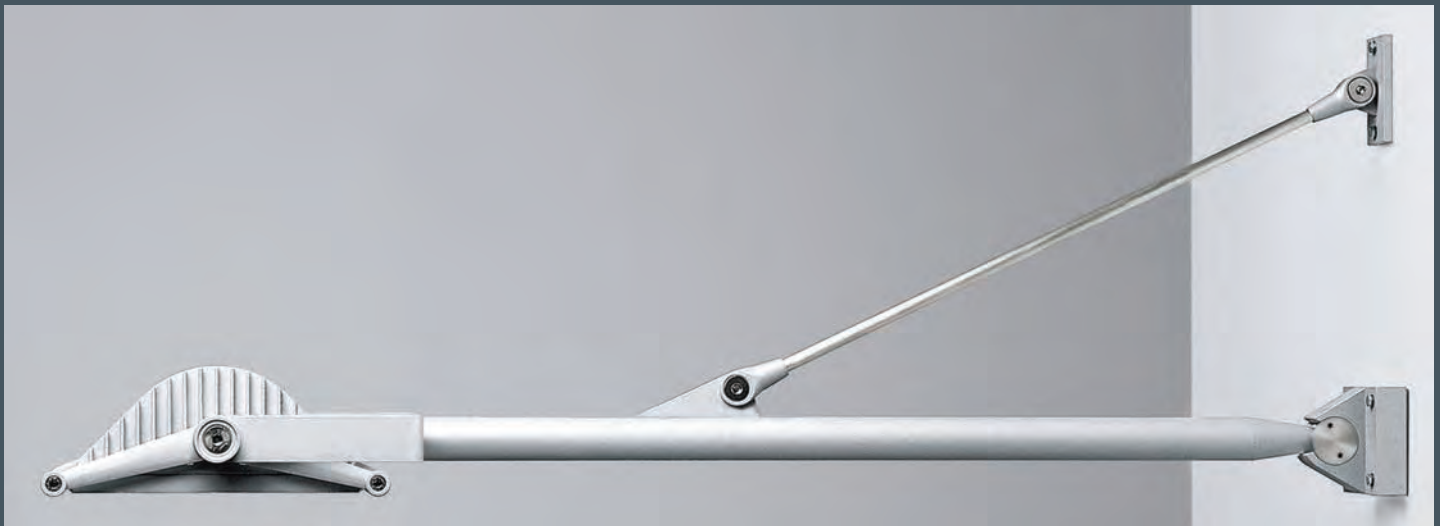


Nightscape is a range of floodlights and spotlights which offers new possibilities for the architectural illumination of buildings. Wide, medium and narrow beam axially symmetrical and rotationally symmetrical reflectors are available for all wattages. The high IP rating makes them suitable for exterior use and for applications in buildings where dust is a problem.

Both sizes of housing take double ended discharge lamps. Concentrating on this type of lamp made it possible to design luminaires with a very shallow cross section. When installed horizontally on a façade, the luminaires only have a minimal effect on the overall appearance of the building.

Concept: Roland Jéol
Design: Roy Fleetwood





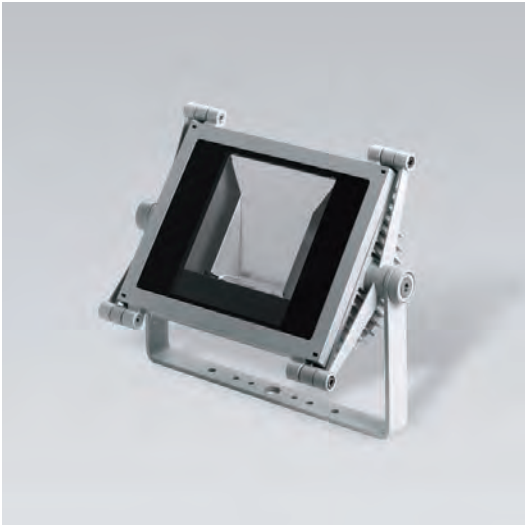
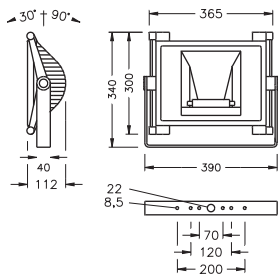
The range of accessories for the Nightscape series includes a particularly strong wall arm. By moving a guiding bar, the direction of the arm can be adjusted 45°. Once the required position has been reached, it is fixed by tightening the screw.

Nightscape is the result of international cooperation between the lighting consultant Roland Jéol and the architect and industrial designer Roy Fleetwood.



Impressive illumination of the new office building of Ströer Out-of-Home MediaAG, Cologne. Nightscape A floodlights equipped with red colour filters make the façade stand out at night.

Architecture:
Fischer + Fischer, Cologne
Lighting design:
Mailänder Licht Design, Cologne

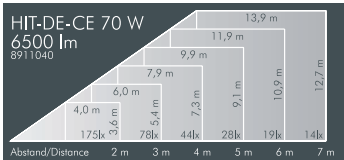


Nightscape A Asymmetrical wide beam

For metal halide lamps (HIT-DE), ceramic metal halide lamps (HIT-DE-CE) and high pressure sodium lamps (HST-DE) protection class I, IP65  , IK09 windage area AW 0,11 m² die cast aluminium housing, polyester powder coated, asymmetrical satin finish aluminium reflector, all exterior steel parts stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged frame, mounting bracket powder coated aluminium with tilt scale: 6 drilled holes Ø 8.5 mm, spacing 70 mm (120 mm, 200 mm), 1 centre hole Ø 22 mm, tilt range 120°, M20 cable gland, possibility for through wiring upon request, integral ignitor and LPF ballast, HPF available (see page 362), supplied without lamp

Nightscape A, asymmetrical wide beam

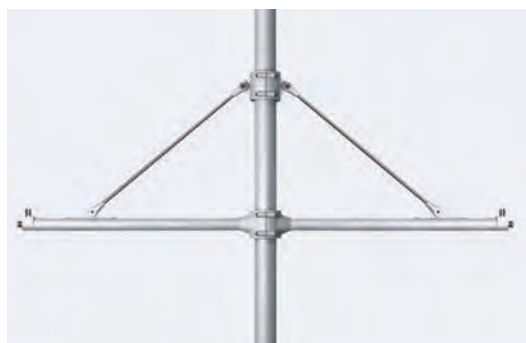
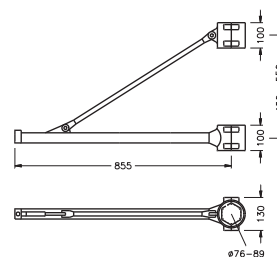
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 911 040 009	black	HIT-DE 70 W	Rx7s	6.0 kg	C 0 – 180	C 90 – 270
8 911 060 009	white	HIT-DE-CE 70 W			69°	85°
8 911 050 009	silver grey	HST-DE 70 W				
8 912 040 009	black	HIT-DE 150 W	Rx7s	6.5 kg	69°	85°
8 912 060 009	white	HIT-DE-CE 150 W				
8 912 050 009	silver grey	HST-DE 150 W				





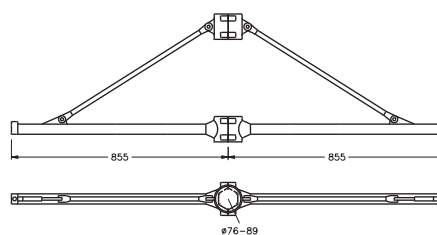
Accessories for Nightscape floodlights

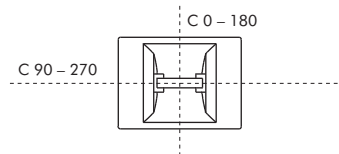
Part number	Colour	Description
129 0 241 940	black	Pole outrigger , for 1 luminaire, for poles Ø 76 – 89 mm
129 0 241 960	white	
129 0 241 950	silver grey	



Accessories for Nightscape floodlights

Part number	Colour	Description
129 0 242 940	black	Pole outrigger , for 2 luminaires for poles Ø 76 – 89 mm
129 0 242 960	white	
129 0 242 950	silver grey	





Axially symmetrical reflectors

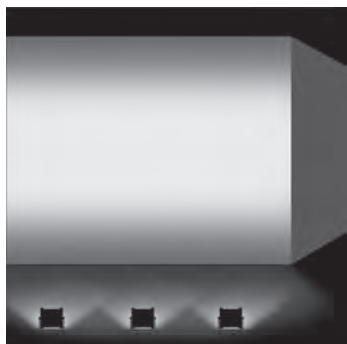
Axially symmetrical reflectors distribute the light in 2 principal planes: Vertical (C 0 – 180) and horizontal (C 90 – 270). The Nightscape range includes reflectors which offer narrow, medium or wide beam distribution in the vertical plane. All reflectors have wide beam distribution in the horizontal plane.



Example 1:

Axially symmetrical wide beam

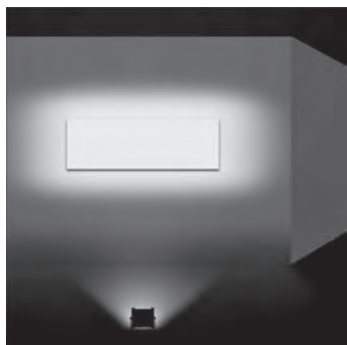
Floodlights are mounted close to the facade. Axially symmetrical wide beam reflectors reach large areas of the facade and create uniform illumination.



Example 2:

Axially symmetrical narrow and medium beam

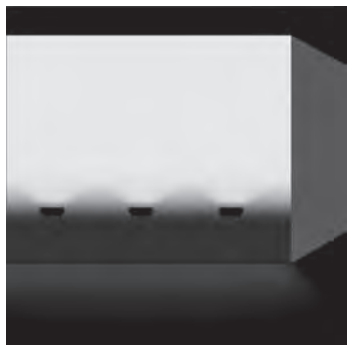
As the distance from the facade increases, the light distribution needs to be more precisely directed. Axially symmetrical narrow or medium beam reflectors are used to achieve a sufficiently high luminous intensity.



Example 3:

Axially symmetrical narrow beam

Horizontal features on a façade are to be uniformly illuminated. Axially symmetrical narrow beam floodlights produce linear light distribution which can be projected accurately onto a horizontal surface.



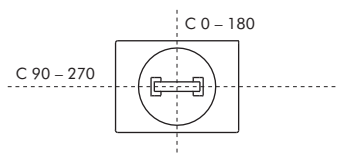
Example 4:

Axially symmetrical narrow beam

The floodlights are mounted on a facade in order to provide uniform illumination. Axially symmetrical narrow beam reflectors produce an intensive band of light. The light shines parallel to the facade (wall washing).

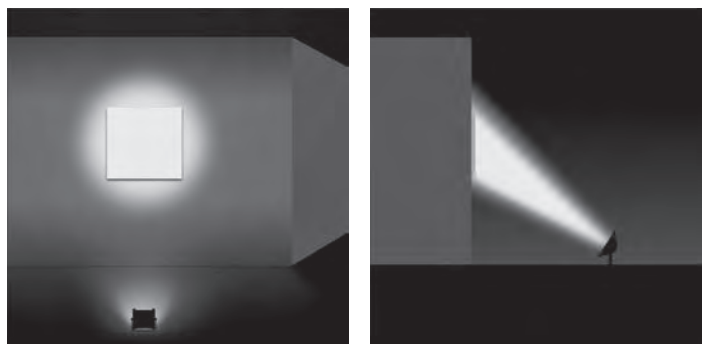
Rotationally symmetrical reflectors

The light distribution of rotationally symmetrical reflectors is the same in all planes. Therefore the beam angle in one plane is sufficient to describe the characteristics of a reflector.



Example 1: Rotationally symmetrical medium or wide beam

Rotationally symmetrical medium or wide beam reflectors are suitable for the uniform illumination of symmetrical surfaces, e.g. circular or square signs.



Example 2: Rotationally symmetrical medium or wide beam

In situations where vertical surfaces, e.g. banners, along a facade are to be illuminated, rotationally symmetrical medium or wide beam floodlights should be used as they create a uniform light cone. The uniformity can be increased by mounting the floodlight on an arm.



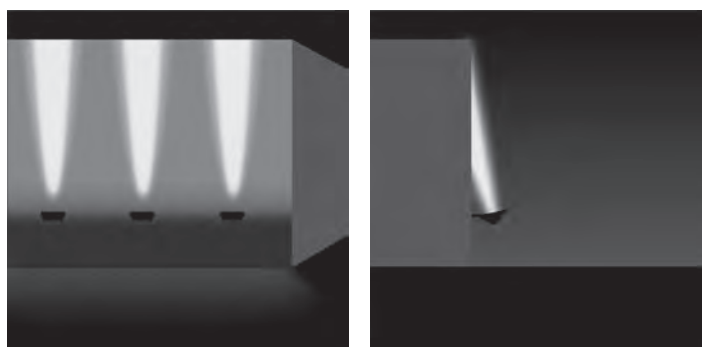
Example 3: Rotationally symmetrical narrow beam

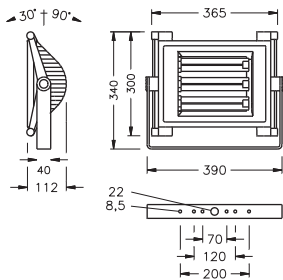
A facade detail is to be accentuated from a long distance. Rotationally symmetrical narrow beam spotlights are used to project light of high intensity over greater distances.



Example 4: Rotationally symmetrical narrow beam

The luminaires are to be mounted on a facade to provide accent lighting. Rotationally symmetrical narrow beam reflectors create intensive bands of light along the facade and thus highlight the architectural features.





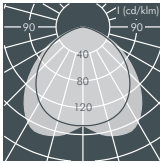
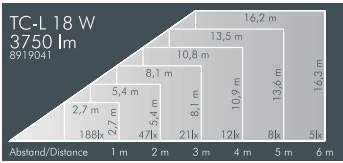
Nightscape A

For compact fluorescent lamps (TC-L)
protection class I, IP65     , IK09
windage area AW 0,11 m²
die cast aluminium housing, polyester powder coated,
axially symmetrical high gloss aluminium reflector, all
exterior steel parts stainless steel, tempered safety glass,
silicon gasket, closure with 4 stainless steel screws,
hinged frame, mounting bracket powder coated
aluminium with tilt scale: 6 drilled holes Ø 8.5 mm,
spacing 70 mm (120 mm, 200 mm), 1 centre hole
Ø 22 mm, tilt range 120°, M20 cable gland,
possibility for through wiring upon request,
integral starter and LPF ballast, supplied without lamp

Nightscape A

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 919 041 009	black	3 x TC-L 18 W	2G11	5.5 kg	107°	107°
8 919 061 009	white					
8 919 051 009	silver grey					

*Can also be supplied with electronic ballast.

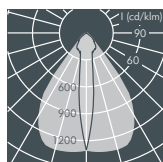
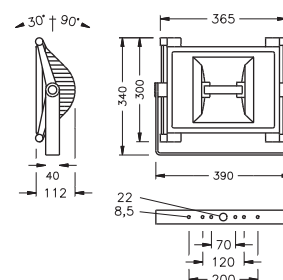


Nightscape A

Axially symmetrical

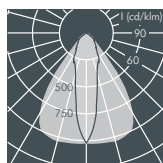
For metal halide lamps (HIT-DE), ceramic metal halide lamps (HIT-DE-CE) and high pressure sodium lamps (HST-DE) protection class I, IP65  , IK09 windage area A_W 0,11 m²

die cast aluminium housing, polyester powder coated, axially symmetrical aluminium reflector (high gloss or satin finish), all exterior steel parts stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged frame, mounting bracket powder coated aluminium with tilt scale: 6 drilled holes Ø 8.5 mm, spacing 70 mm (120 mm, 200 mm), 1 centre hole Ø 22 mm, tilt range 120°, M20 cable gland, possibility for through wiring upon request, integral ignitor and LPF ballast, HPF available upon request (see page 362), supplied without lamp



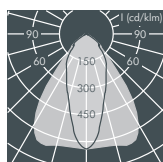
HIT-DE-CE 70 W 6500 lm 8911041	
Abstand/Distance	3 m 6 m 9 m 12 m 15 m 18 m
Beam diameter	4,5 m 8,9 m 13,4 m 17,8 m 22,3 m 26,7 m
Illuminance	555k 139k 62k 35k 22k 15k

HIT-DE-CE 150 W 13500 lm 8912041	
Abstand/Distance	5 m 10 m 15 m 20 m 25 m 30 m
Beam diameter	7,4 m 14,9 m 22,3 m 29,7 m 37,1 m 44,6 m
Illuminance	415k 104k 46k 26k 17k 12k



HIT-DE-CE 70 W 6500 lm 8911042	
Abstand/Distance	3 m 6 m 9 m 12 m 15 m 18 m
Beam diameter	4,5 m 8,9 m 13,4 m 17,8 m 22,3 m 26,7 m
Illuminance	405k 101k 45k 25k 16k 11k

HIT-DE-CE 150 W 13500 lm 8912042	
Abstand/Distance	3 m 6 m 9 m 12 m 15 m 18 m
Beam diameter	4,5 m 8,9 m 13,4 m 17,8 m 22,3 m 26,7 m
Illuminance	842k 210k 94k 53k 34k 23k



HIT-DE-CE 70 W 6500 lm 8911043	
Abstand/Distance	3 m 6 m 9 m 12 m 15 m 18 m
Beam diameter	4,7 m 9,3 m 14,0 m 18,7 m 23,4 m 28,0 m
Illuminance	254k 63k 28k 16k 10k 7k

HIT-DE-CE 150 W 13500 lm 8912043	
Abstand/Distance	3 m 6 m 9 m 12 m 15 m 18 m
Beam diameter	4,7 m 9,3 m 14,0 m 18,7 m 23,4 m 28,0 m
Illuminance	527k 132k 59k 33k 21k 15k

Nightscape A, axially symmetrical narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 911 041 009	black	HIT-DE 70 W	Rx7s	6.0 kg	C 0 – 180	C 90 – 270
8 911 061 009	white	HIT-DE-CE 70 W			10°	73°
8 911 051 009	silver grey	HST-DE 70 W				
8 912 041 009	black	HIT-DE 150 W	Rx7s	6.5 kg	10°	73°
8 912 061 009	white	HIT-DE-CE 150 W				
8 912 051 009	silver grey	HST-DE 150 W				

Nightscape A, axially symmetrical medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 911 042 009	black	HIT-DE 70 W	Rx7s	6.0 kg	22°	73°
8 911 062 009	white	HIT-DE-CE 70 W				
8 911 052 009	silver grey	HST-DE 70 W				
8 912 042 009	black	HIT-DE 150 W	Rx7s	6.5 kg	22°	73°
8 912 062 009	white	HIT-DE-CE 150 W				
8 912 052 009	silver grey	HST-DE 150 W				

Nightscape A, axially symmetrical wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 911 043 009	black	HIT-DE 70 W	Rx7s	6.0 kg	40°	76°
8 911 063 009	white	HIT-DE-CE 70 W				
8 911 053 009	silver grey	HST-DE 70 W				
8 912 043 009	black	HIT-DE 150 W	Rx7s	6.5 kg	40°	76°
8 912 063 009	white	HIT-DE-CE 150 W				
8 912 053 009	silver grey	HST-DE 150 W				

Lamps (see page 364–365)

HIT-DE

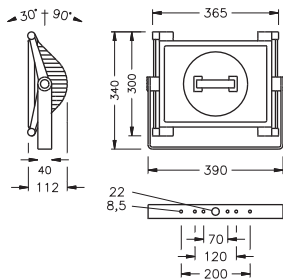


HIT-DE-CE



HST-DE





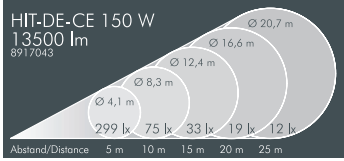
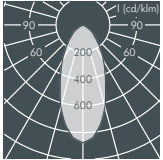
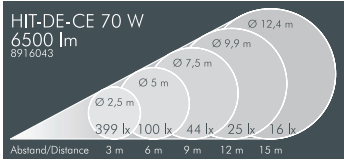
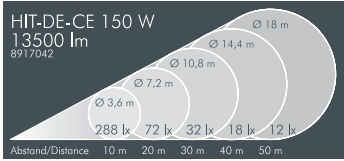
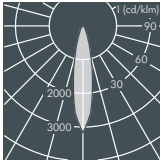
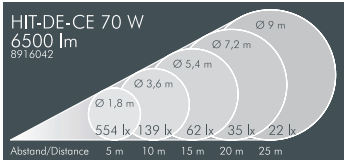
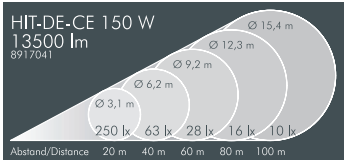
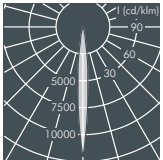
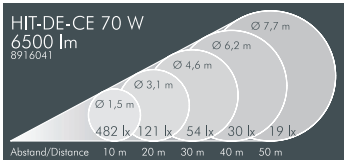
Nightscape A

Rotatorially symmetrical

For metal halide lamps (HIT-DE), ceramic metal halide lamps (HIT-DE-CE) and high pressure sodium lamp (HST-DE) protection class I, IP65 , IK09 windage area AW 0,11 m² die cast aluminium housing, polyester powder coated, rotatorially symmetrical aluminium reflector (high gloss or satin finish), all exterior steel parts stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged frame, mounting bracket powder coated aluminium with tilt scale: 6 drilled holes Ø 8.5 mm, spacing 70 mm (120 mm, 200 mm), 1 centre hole Ø 22 mm, tilt range 120°, M20 cable gland, possibility for, through wiring upon request, integral ignitor and LPF ballast, HPF available upon request (see page 362), supplied without lamp

Nightscape A, rotatorially symmetrical narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 916 041 009	black	HIT-DE 70 W	Rx7s	6.0 kg	9°
8 916 061 009	white	HIT-DE-CE 70 W			
8 916 051 009	silver grey	HST-DE 70 W			
8 917 041 009	black	HIT-DE 150 W	Rx7s	6.5 kg	9°
8 917 061 009	white	HIT-DE-CE 150 W			
8 917 051 009	silver grey	HST-DE 150 W			



Nightscape A, rotatorially symmetrical medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 916 042 009	black	HIT-DE 70 W	Rx7s	6.0 kg	20°
8 916 062 009	white	HIT-DE-CE 70 W			
8 916 052 009	silver grey	HST-DE 70 W			
8 917 042 009	black	HIT-DE 150 W	Rx7s	6.5 kg	20°
8 917 062 009	white	HIT-DE-CE 150 W			
8 917 052 009	silver grey	HST-DE 150 W			

Nightscape A, rotatorially symmetrical wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 916 043 009	black	HIT-DE 70 W	Rx7s	6.0 kg	45°
8 916 063 009	white	HIT-DE-CE 70 W			
8 916 053 009	silver grey	HST-DE 70 W			
8 917 043 009	black	HIT-DE 150 W	Rx7s	6.5 kg	45°
8 917 063 009	white	HIT-DE-CE 150 W			
8 917 053 009	silver grey	HST-DE 150 W			

Lamps (see page 364–365)

HIT-DE



HIT-DE-CE

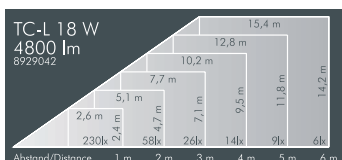
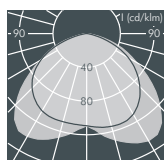
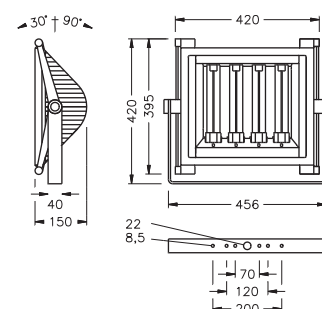


HST-DE



Nightscape B

For compact fluorescent lamps (TC-L)
 protection class I, IP65   , IK08
 windage area AW 0,13 m²
 die cast aluminium housing, polyester powder
 coated, axially symmetrical high gloss aluminium
 reflector, all exterior steel parts stainless steel,
 tempered safety glass, silicon gasket, closure with
 4 stainless steel screws, hinged frame, mounting
 bracket powder coated aluminium with tilt scale:
 6 drilled holes Ø 8.5 mm, spacing 70 mm
 (120 mm, 200 mm), 1 centre hole Ø 22 mm, tilt
 range 120°, M20 cable gland, possibility for
 through wiring upon request, integral starter and LPF
 ballast, HPF available upon request (see page 362),
 supplied without lamp



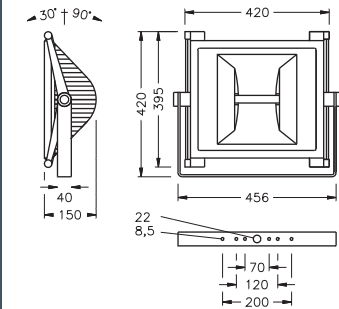
Nightscape B

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 929 042 009	black	4 x TC-L 18 W	2G11	9.0 kg	C 0 – 180	C 90 – 270
8 929 062 009	white				110°	115°
8 929 052 009	silver grey					

* Can also be supplied with electronic ballast.

The screws used to close the fitting are integrated into the hinges. Depending on the installation, the frame can be opened to either side to gain access to the inside of the luminaire.



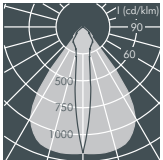
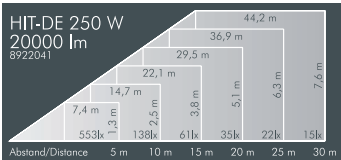


Nightscape B, 250 W Axially symmetrical

For metal halide lamps (HIT-DE) and high pressure sodium lamps (HST-DE) protection class I, IP65  , IK08 windage area A_W 0,15 m² die cast aluminium housing, polyester powder coated, axially symmetrical aluminium reflector (high gloss or satin finish), all exterior steel parts stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged frame, mounting bracket powder coated aluminium with tilt scale: 6 drilled holes Ø 8.5 mm, spacing 70 mm (120 mm, 200 mm), 1 centre hole Ø 22 mm, tilt range 120°, M20 cable gland, possibility for through wiring upon request, integral ignitor and LPF ballast, HPF available upon request (see page 362), supplied without lamp

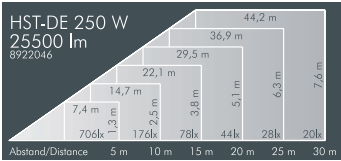
Nightscape B, axially symmetrical narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 922 041 009	black	HIT-DE 250 W	Fc2	11.0 kg	13°	72°
8 922 061 009	white					
8 922 051 009	silver grey					
8 922 046 009	black	HST-DE 250 W	Fc2	11.0 kg	13°	72°
8 922 066 009	white					
8 922 056 009	silver grey					



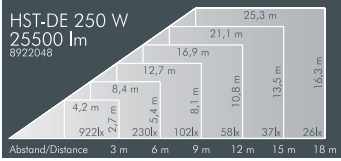
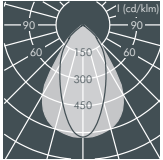
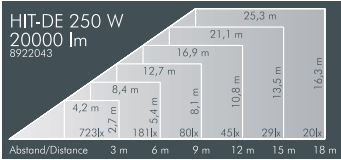
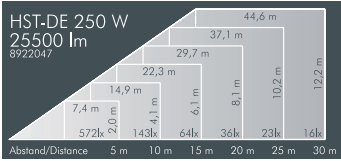
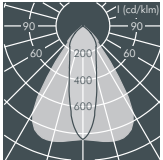
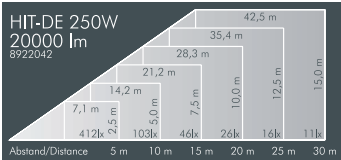
Nightscape B, axially symmetrical medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 922 042 009	black	HIT-DE 250 W	Fc2	11.0 kg	28°	71°
8 922 062 009	white					
8 922 052 009	silver grey					
8 922 047 009	black	HST-DE 250 W	Fc2	11.0 kg	24°	73°
8 922 067 009	white					
8 922 057 009	silver grey					



Nightscape B, axially symmetrical wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 922 043 009	black	HIT-DE 250 W	Fc2	11.0 kg	48°	70°
8 922 063 009	white					
8 922 053 009	silver grey					
8 922 048 009	black	HST-DE 250 W	Fc2	11.0 kg	49°	70°
8 922 068 009	white					
8 922 058 009	silver grey					



Lamps (see page 364–365)

HIT-DE

HST-DE

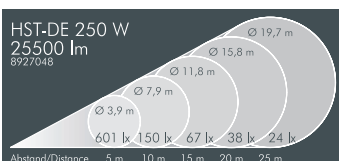
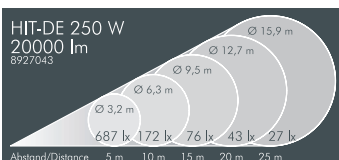
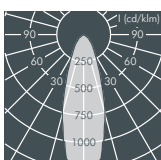
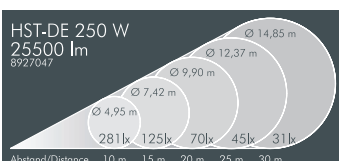
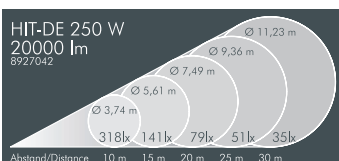
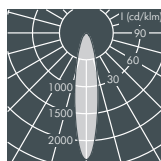
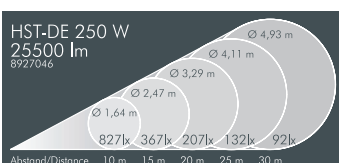
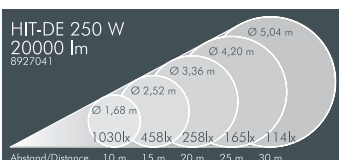
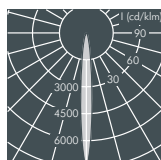
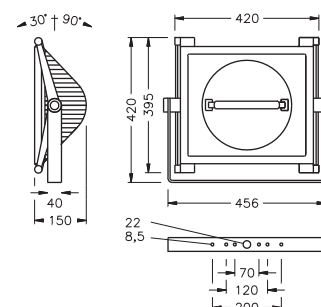
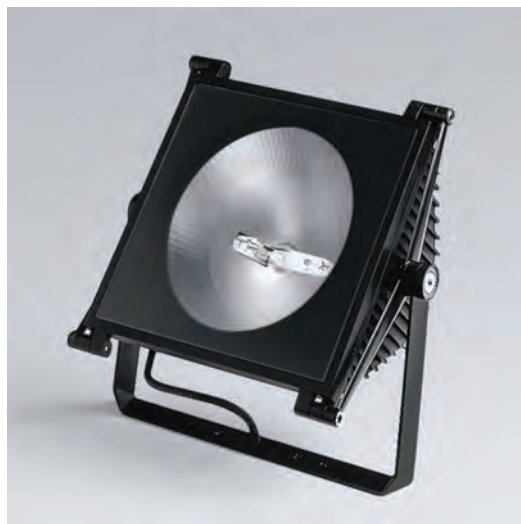


Nightscape B, 250 W

Rotationally symmetrical

For metal halide lamps (HIT-DE) and high pressure sodium lamps (HST-DE) protection class I, IP65   , IK08 windage area AW 0,15 m²

die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector (high gloss or satin finish), all exterior steel parts stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged frame, mounting bracket powder coated aluminium with tilt scale: 6 drilled holes Ø 8.5 mm, spacing 70 mm (120 mm, 200 mm), 1 centre hole Ø 22 mm, tilt range 120°, M20 cable gland, possibility for through wiring upon request, integral ignitor and LPF ballast, HPF available upon request (see page 362), supplied without lamp



Nightscape B, rotationally symmetrical narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 927 041 009	black	HIT-DE 250 W	Fc2	11.0 kg	10°
8 927 061 009	white				
8 927 051 009	silver grey	HST-DE 250 W	Fc2	11.0 kg	10°
8 927 046 009	black				
8 927 066 009	white				
8 927 056 009	silver grey				

Nightscape B, rotationally symmetrical medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 927 042 009	black	HIT-DE 250 W	Fc2	11.0 kg	21°
8 927 062 009	white				
8 927 052 009	silver grey	HST-DE 250 W	Fc2	11.0 kg	28°
8 927 047 009	black				
8 927 067 009	white				
8 927 057 009	silver grey				

Nightscape B, rotationally symmetrical wide beam

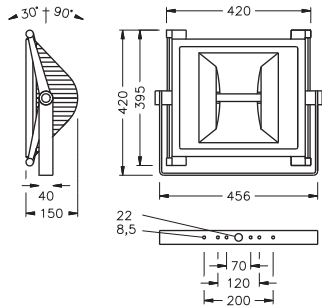
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 927 043 009	black	HIT-DE 250 W	Fc2	11.0 kg	35°
8 927 063 009	white				
8 927 053 009	silver grey	HST-DE 250 W	Fc2	11.0 kg	43°
8 927 048 009	black				
8 927 068 009	white				
8 927 058 009	silver grey				

Lamps (see page 364–365)

HIT-DE

HST-DE



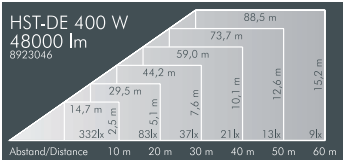
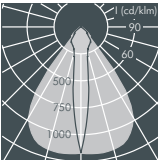
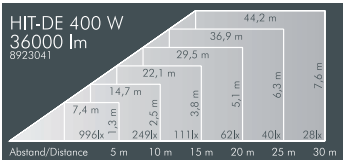


Nightscape B, 400 W
Axially symmetrical

For metal halide lamps (HIT-DE) and high pressure sodium lamps (HST-DE) protection class I, IP65  , IK08 windage area AWW 0,15 m² die cast aluminium housing, polyester powder coated, axially symmetrical aluminium reflector (high gloss or satin finish), all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged frame, mounting bracket powder coated aluminium with tilt scale: 6 drilled holes Ø 8.5 mm, spacing 70 mm (120 mm, 200 mm), 1 centre hole Ø 22 mm, tilt, range 120°, M20 cable gland, possibility for through wiring upon request, separate ballast required, integral ignitor, LPF and HPF ballasts available, supplied without lamp

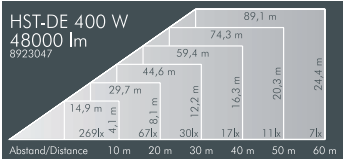
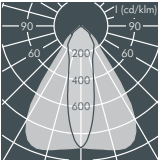
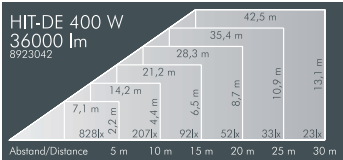
Nightscape B, axially symmetrical narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 923 041 009	black	HIT-DE 400 W	Fc2	7.5 kg	13°	72°
8 923 061 009	white					
8 923 051 009	silver grey					
8 923 046 009	black	HST-DE 400 W	Fc2	7.5 kg	13°	72°
8 923 066 009	white					
8 923 056 009	silver grey					



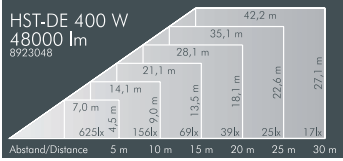
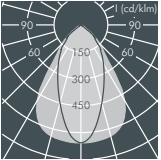
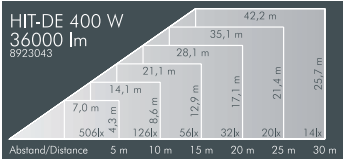
Nightscape B, axially symmetrical medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 923 042 009	black	HIT-DE 400 W	Fc2	7.5 kg	25°	71°
8 923 062 009	white					
8 923 052 009	silver grey					
8 923 047 009	black	HST-DE 400 W	Fc2	7.5 kg	23°	73°
8 923 067 009	white					
8 923 057 009	silver grey					



Nightscape B, axially symmetrical wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 923 043 009	black	HIT-DE 400 W	Fc2	7.5 kg	45°	71°
8 923 063 009	white					
8 923 053 009	silver grey					
8 923 048 009	black	HST-DE 400 W	Fc2	7.5 kg	48°	70°
8 923 068 009	white					
8 923 058 009	silver grey					



For these floodlights a remote ballast unit is required (see page 96)

Lamps (see page 364–365)

HIT-DE

HST-DE

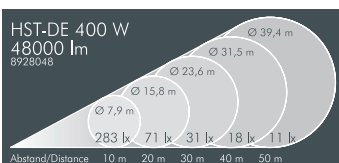
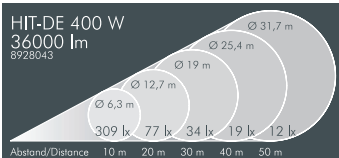
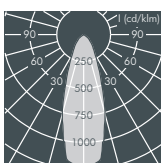
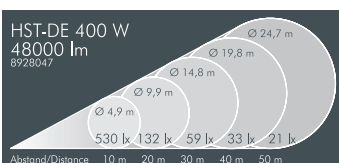
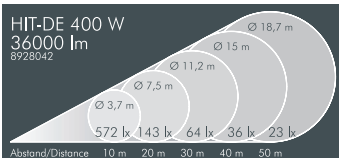
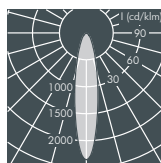
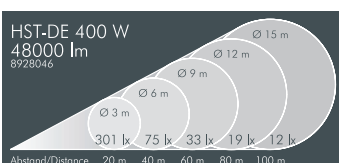
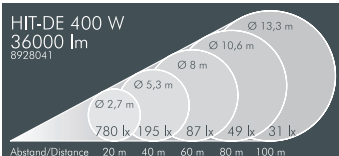
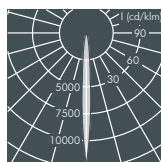
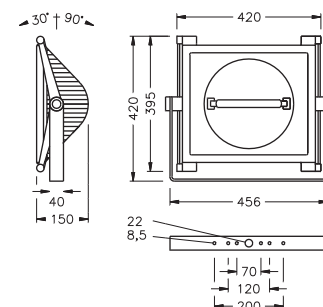


Nightscape B, 400 W

Rotationally symmetrical

For metal halide lamps (HIT-DE) and high pressure sodium lamps (HST-DE) protection class I, IP65 , IK08 windage area A_W 0,15 m²

die cast aluminium housing, polyester powder coated, axially symmetrical aluminium reflector (high gloss or satin finish), all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged frame, scale: 6 drilled holes Ø 8.5 mm, spacing 70 mm (120 mm, 200 mm), 1 centre hole Ø 22 mm, tilt range 120°, M20 cable gland, possibility for through wiring upon request, separate ballast required, integral ignitor, LPF and HPF ballasts available, supplied without lamp



For these floodlights a remote ballast unit is required (see page 96)

Nightscape B, rotationally symmetrical narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 928 041 009	black	HIT-DE 400 W	Fc2	7.5 kg	8°
8 928 061 009	white				
8 928 051 009	silver grey				
8 928 046 009	black	HST-DE 400 W	Fc2	7.5 kg	9°
8 928 066 009	white				
8 928 056 009	silver grey				

Nightscape B, rotationally symmetrical medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 928 042 009	black	HIT-DE 400 W	Fc2	7.5 kg	21°
8 928 062 009	white				
8 928 052 009	silver grey				
8 928 047 009	black	HST-DE 400 W	Fc2	7.5 kg	28°
8 928 067 009	white				
8 928 057 009	silver grey				

Nightscape B, rotationally symmetrical wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 928 043 009	black	HIT-DE 400 W	Fc2	7.5 kg	35°
8 928 063 009	white				
8 928 053 009	silver grey				
8 928 048 009	black	HST-DE 400 W	Fc2	7.5 kg	43°
8 928 068 009	white				
8 928 058 009	silver grey				

Lamps (see page 364–365)

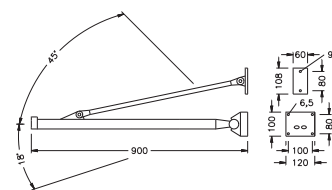
HIT-DE

HST-DE



Accessories

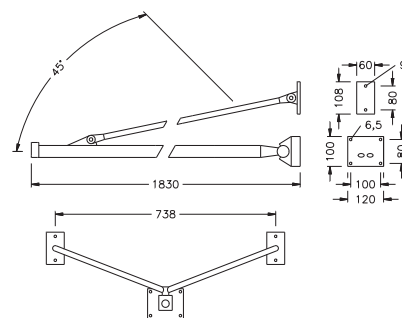
Nightscape A/B		
Part number	Colour	Description
129 0 047 940	black	Wall arm, 900 mm adjustable aluminium profile with 1 sliding suspension rod
129 0 047 960	white	
129 0 047 950	silver grey	



Nightscape A/B		
Part number	Colour	Description
129 0 157 940	black	Wall arm, 1830 mm adjustable aluminium profile with 2 sliding suspension rods
129 0 157 960	white	
129 0 157 950	silver grey	

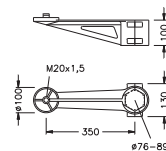


Design:
Roy Fleetwood



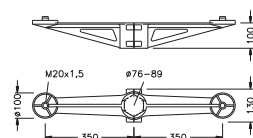
Accessories Nightscape A/B

Part number	Colour	Description
119 0 031 940	black	Single pole mount arm, aluminium, for pole Ø 76 – 89 mm
119 0 031 960	white	
119 0 031 950	silver grey	



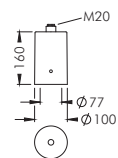
Accessories Nightscape A/B

Part number	Colour	Description
119 0 032 940	black	Double pole mount arm, aluminium, for pole Ø 76 – 89 mm
119 0 032 960	white	
119 0 032 950	silver grey	



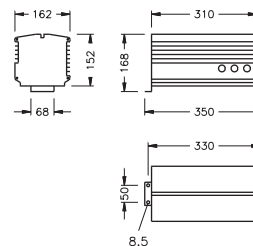
Accessories Nightscape A/B

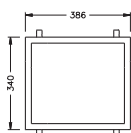
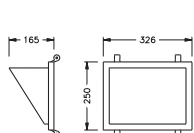
Part number	Colour	Description
128 0 626 940	black	Pole Top Fitter, aluminium, for 76mm pole top, with M20 x 1.5 connection thread, for installation of one luminaire
128 0 626 960	white	
128 0 626 950	silver grey	



Accessories Nightscape B, 400 W

Part number	Colour	Power factor	Description
119 0 041 009	black	LPF	Remote ballast unit for HIT-DE/HST-DE 400 W IP65
119 0 061 009	white	LPF	
119 0 051 009	silver grey	LPF	
119 0 941 009	black	HPF	
119 0 961 009	white	HPF	
119 0 951 009	silver grey	HPF	





Accessories

Nightscape A	Nightscape B		
Part number	Part number	Colour	Description
129 0 016 940	129 0 036 940	black	Cowl
129 0 016 960	129 0 036 960	white	c/w frame
129 0 016 950	129 0 036 950	silver grey	

Nightscape A	Nightscape B		
Part number	Part number	Colour	Description
129 0 012 940	129 0 032 940	black	Protection grill
129 0 012 960	129 0 032 960	white	c/w frame
129 0 012 950	129 0 032 950	silver grey	

Nightscape A	Nightscape B		
Part number	Part number	Colour	Description
129 0 014 940	129 0 034 940	black	Vertical louvre
129 0 014 960	129 0 034 960	white	c/w frame
129 0 014 950	129 0 034 950	silver grey	
129 0 015 940	129 0 035 940	black	Horizontal louvre
129 0 015 960	129 0 035 960	white	c/w frame
129 0 015 950	129 0 035 950	silver grey	

Nightscape A	Nightscape B		
Part number	Part number	Colour	Description
129 0 067 940	129 0 087 940	black	Radial louvre
129 0 067 960	129 0 087 960	white	c/w frame
129 0 067 950	129 0 087 950	silver grey	

Nightscape A	Nightscape B		
Part number	Part number	Colour	Description
129 0 018 940	129 0 038 940	black	Green colour filter
129 0 018 960	129 0 038 960	white	c/w frame
129 0 018 950	129 0 038 950	silver grey	
129 0 013 940	129 0 033 940	black	Blue colour filter
129 0 013 960	129 0 033 960	white	c/w frame
129 0 013 950	129 0 033 950	silver grey	
129 0 017 940	129 0 037 940	black	Red colour filter
129 0 017 960	129 0 037 960	white	c/w frame
129 0 017 950	129 0 037 950	silver grey	
129 0 011 940	129 0 031 940	black	Yellow colour filter
129 0 011 960	129 0 031 960	white	c/w frame
129 0 011 950	129 0 031 950	silver grey	

For use on spotlights with rotationally symmetrical narrow beam reflectors only

129 0 019 940	129 0 039 940	black	Ribbed glass
129 0 019 960	129 0 039 960	white	for vertical beam
129 0 019 950	129 0 039 950	silver grey	c/w frame
129 0 020 940	129 0 040 940	black	Ribbed glass
129 0 020 960	129 0 040 960	white	for horizontal beam
129 0 020 950	129 0 040 950	silver grey	c/w frame

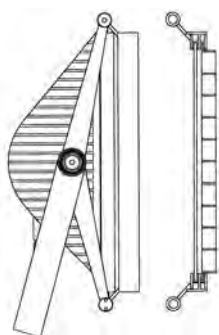
The frames can carry a special glass plus another accessory.
They can therefore also be ordered individually.

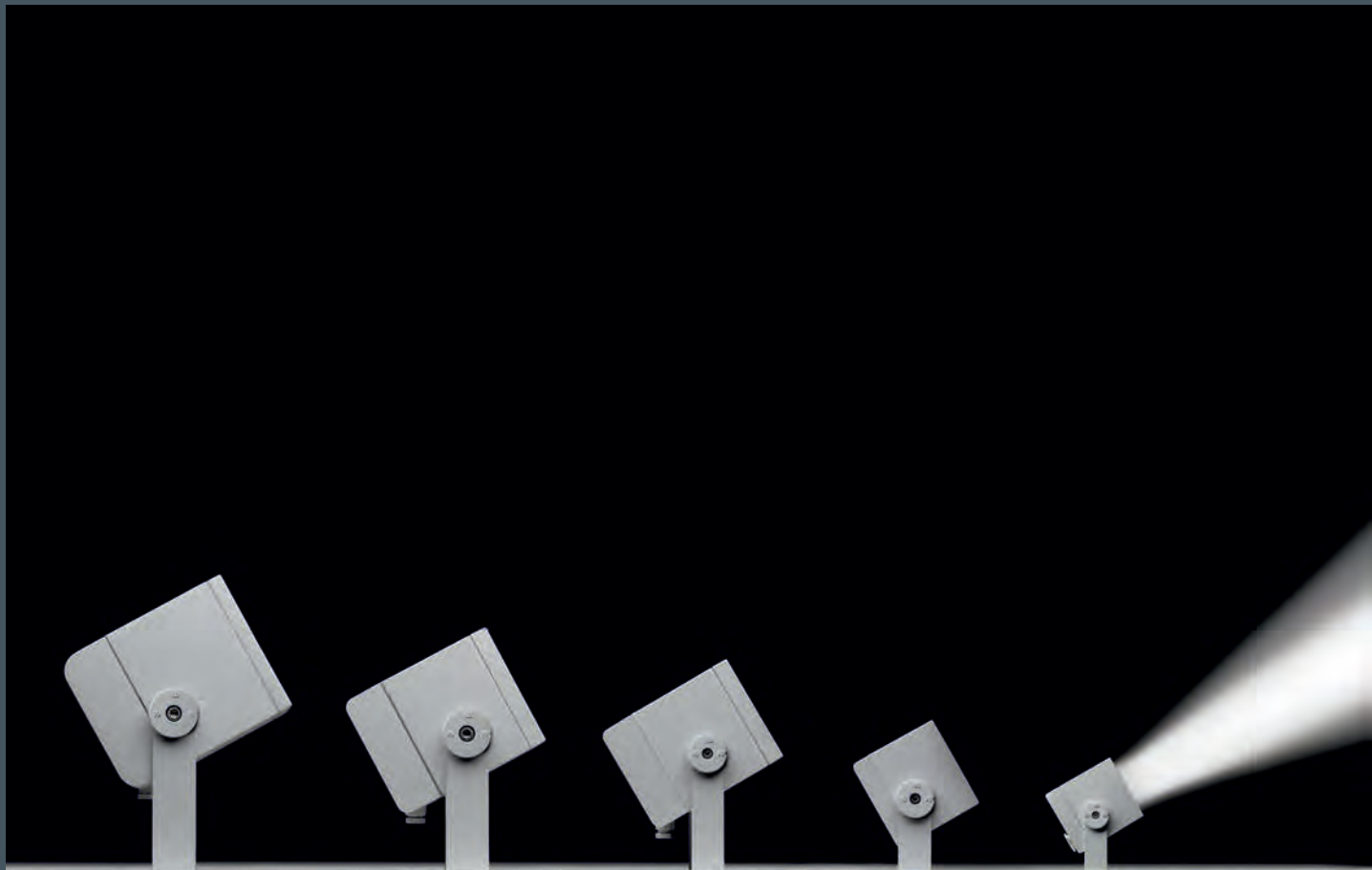
Nightscape A	Nightscape B		
Part number	Part number	Colour	Description
129 0 051 910	129 0 071 910	yellow	Filter
129 0 051 930	129 0 071 930	blue	
129 0 051 970	129 0 071 970	red	
129 0 051 980	129 0 071 980	green	

For use on spotlights with rotationally symmetrical narrow beam reflectors only

129 0 059 000	129 0 079 000	–	Ribbed glass
			for vertical beam
129 0 060 000	129 0 080 000	–	Ribbed glass
			for horizontal beam

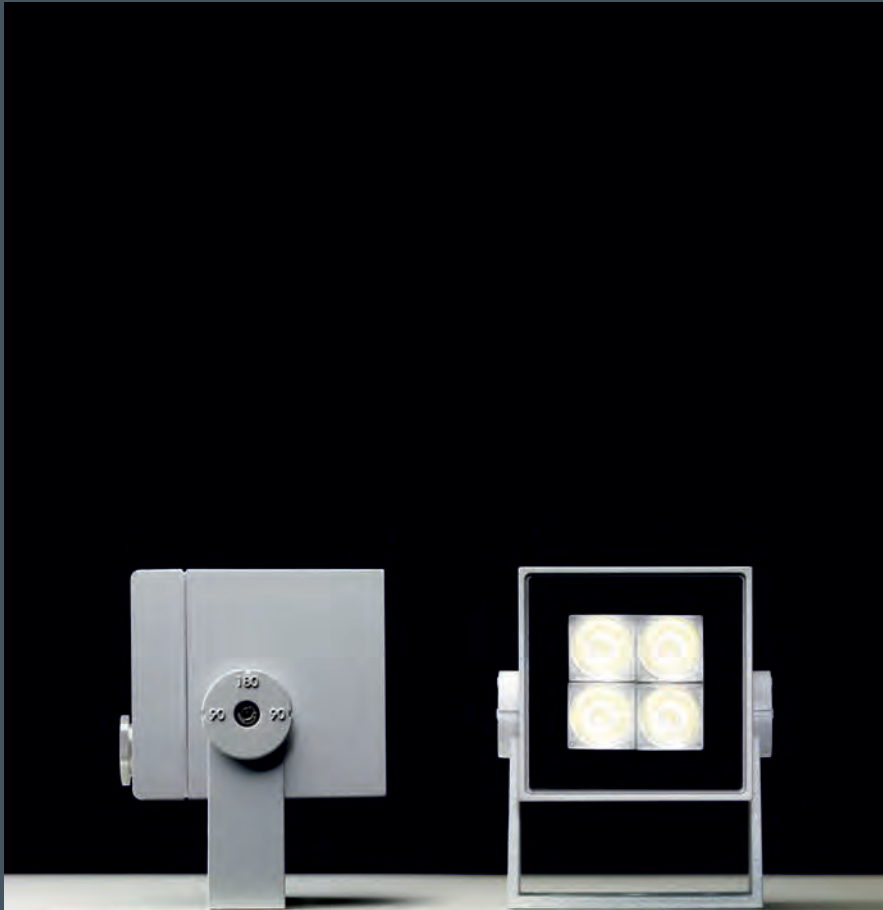
Accessories such as louvres and special glasses are fitted into a supporting frame which is screwed onto the front of the floodlight. A special glass plus another accessory can be fitted into one frame.





The floodlight series Superlight Compact is available for metal halide lamps in various wattages and for LEDs. Thanks to their compact dimensions, the wide range of reflectors available and their timeless design, these luminaires have become indispensable tools for architectural lighting.

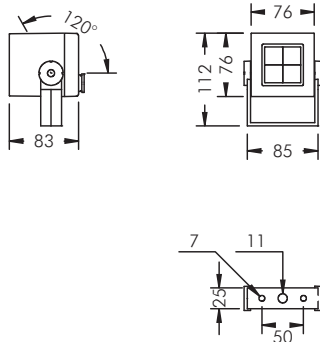
A comprehensive range of accessories makes it possible to adapt these luminaires for specific lighting situations.



With integral control gear Superlight Compact Nano floodlights can be connected directly to 120 – 240V 50/60Hz mains power supply. They offer high performance but are nevertheless very compact in size.



Thanks to their small dimensions, the floodlights can be integrated discreetly in the architectural surroundings, e.g. for accent lighting of façades.



Superlight Compact Nano

Equipped with 4 x 1.5 W high performance LEDs, thermal monitoring device, protection class I, IP65 , IK08 die cast aluminium housing, polyester powder coated, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, powder coated die cast zinc mounting bracket with tilt scale: 2 drilled holes Ø 7 mm, spacing 50 mm, 1 centre hole Ø 11 mm, tilt range 120°, M20 cable gland, integral driver

Superlight Compact Nano, narrow beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 818 046 019	black	4 x LED 1.5 W warm white	0.7 kg	7°
8 818 066 019	white			
8 818 056 019	silver grey			

Part number	Colour	Light source	Weight	Half beam angle γ
8 818 045 019	black	4 x LED 1.5 W neutral white	0.7 kg	7°
8 818 065 019	white			
8 818 055 019	silver grey			

Superlight Compact Nano, linear beam spread, vertical

Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 818 046 029	black	4 x LED 1.5 W warm white	0.7 kg	39°	11°
8 818 066 029	white				
8 818 056 029	silver grey				

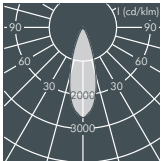
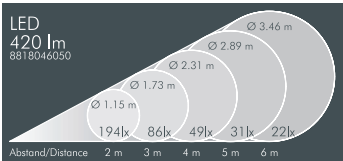
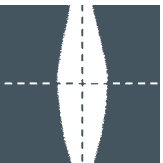
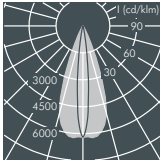
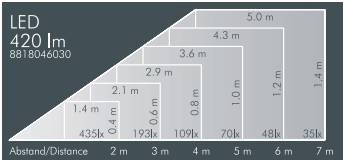
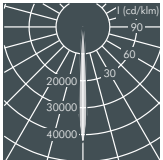
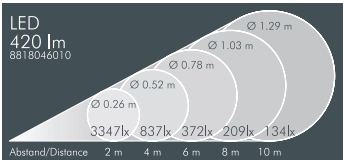
Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 818 045 029	black	4 x LED 1.5 W neutral white	0.7 kg	39°	11°
8 818 065 029	white				
8 818 055 029	silver grey				

Part number	Description
. 039	Luminaire with linear beam spread, horizontal

Superlight Compact Nano, wide beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 818 046 059	black	4 x LED 1.5 W warm white	0.7 kg	32°
8 818 066 059	white			
8 818 056 059	silver grey			

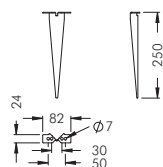
Part number	Colour	Light source	Weight	Half beam angle γ
8 818 045 059	black	4 x LED 1.5 W neutral white	0.7 kg	32°
8 818 065 059	white			
8 818 055 059	silver grey			



Light source

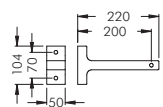
LEDs, replacement modules available



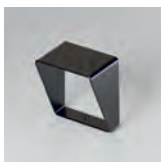
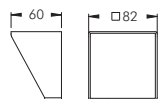


Accessories for Superlight Compact Nano

Part number	Colour	Description
129 0 502 940	black	Earth spike, stainless steel, for use in landscaped areas
129 0 502 960	white	
129 0 502 950	silver grey	



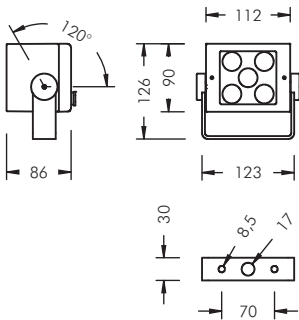
Part number	Colour	Description
125 0 160 940	black	Wall bracket 220 mm, aluminium, polyester powder coated, allows horizontal adjustment and directional aiming of luminaire
125 0 160 960	white	
125 0 160 950	silver grey	



Part number	Colour	Description
128 0 664 940	black	Cowl, stainless steel, to avoid glare from 3 directions, for retro-fitting
128 0 664 960	white	
128 0 664 950	silver grey	



The anti-reflective safety glass has an extremely high transmission value which has a positive effect on the luminaire efficiency.



Superlight Compact Micro

Equipped with 5 x 3 W high performance LEDs, thermal monitoring device, protection class I, IP65 , IK08 die cast aluminium housing, polyester powder coated, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, powder coated aluminium mounting bracket with tilt scale: 2 drilled holes Ø 8.5 mm, spacing 70 mm, 1 centre hole Ø 17 mm, tilt range 120°, M16 cable gland, integral transformer and on-board driver, through wiring possible on request

Superlight Compact Micro, narrow beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 813 046 019	black	5 x LED 3 W warm white	1.0 kg	10°
8 813 066 019	white			
8 813 056 019	silver grey			

Part number	Colour	Light source	Weight	Half beam angle γ
8 813 045 019	black	5 x LED 3 W neutral white	1.0 kg	10°
8 813 065 019	white			
8 813 055 019	silver grey			

Superlight Compact Micro, linear beam spread, vertical

Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 813 046 029	black	5 x LED 3 W warm white	1.0 kg	39°	9°
8 813 066 029	white				
8 813 056 029	silver grey				

Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 813 045 029	black	5 x LED 3 W neutral white	1.0 kg	39°	9°
8 813 065 029	white				
8 813 055 029	silver grey				

Part number	Description
. 039	Luminaire with linear beam spread, horizontal

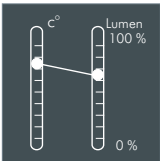
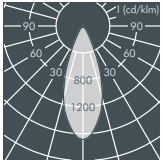
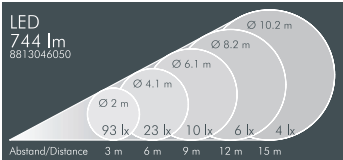
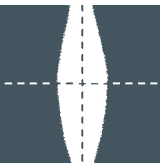
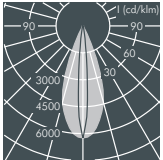
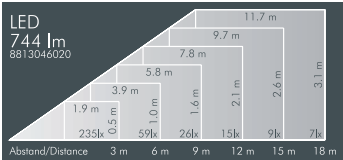
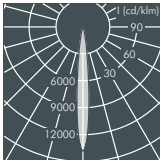
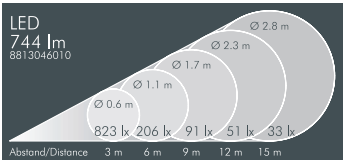
Superlight Compact Micro, wide beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 813 046 059	black	5 x LED 3 W warm white	1.0 kg	38°
8 813 066 059	white			
8 813 056 059	silver grey			

Part number	Colour	Light source	Weight	Half beam angle γ
8 813 045 059	black	5 x LED 3 W neutral white	1.0 kg	38°
8 813 065 059	white			
8 813 055 059	silver grey			

Part number	Description
. 049	Luminaire with medium wide beam optics, 20°

Part number	Description
. 1 ..	Dimmable version, 1-10 V or DALI



The integral thermal monitoring device adjusts the light output if a change in temperature makes it necessary. This feedback function contributes towards a longer life span of the LED modules.



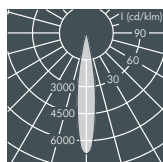
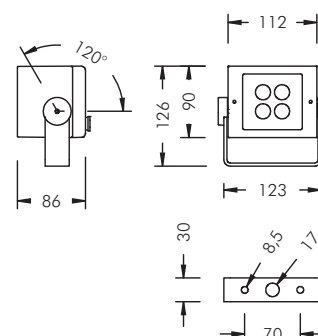
Light source

LEDs, replacement modules available



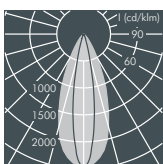
Superlight Compact Micro RGB

Equipped with 4 x 3 W high performance LEDs, thermal monitoring device, for external DMX control, protection class I, IP65 , IK08 die cast aluminium housing, polyester powder coated, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, powder coated aluminium mounting bracket with tilt scale: 2 drilled holes Ø 8.5 mm, spacing 70 mm, 1 centre hole Ø 17 mm, tilt range 120°, 2 x M16 cable gland, integral converter, separate DMX controller required



Superlight Compact Micro RGB, narrow beam

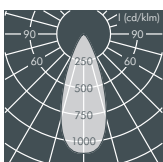
Part number	Colour	Light source	Weight	Half beam angle γ
8 813 049 019	black	4 x LED RGB 3 W	0.7 kg	17°
8 813 069 019	white			
8 813 059 019	silver grey			



Superlight Compact Micro RGB, linear beam spread, vertical

Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 813 049 029	black	4 x LED RGB 3 W	0.7 kg	42°	18°
8 813 069 029	white				
8 813 059 029	silver grey				

Part number	Description
... 039	Luminaire with linear beam spread, horizontal



Superlight Compact Micro RGB, wide beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 813 049 059	black	4 x LED RGB 3 W	0.7 kg	40°
8 813 069 059	white			
8 813 059 059	silver grey			

Part number	Description
... 049	Luminaire with medium wide beam optics, 27°



These floodlights offer the advantage of optimal colour mixing, directly above the luminaire.



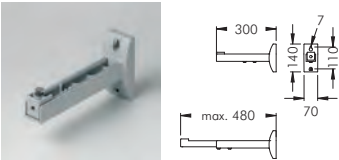
Light source

LEDs, replacement modules available

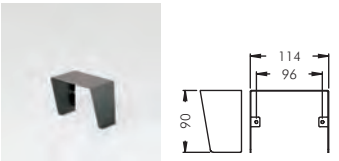


Accessories for Superlight Compact Micro

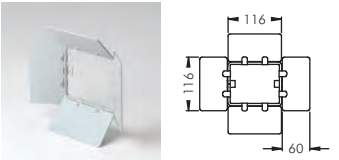
Part number	Colour	Description
128 0 700 940	black	Telescopic wall arm, 300 - 480 mm
128 0 700 960	white	
128 0 700 950	silver grey	



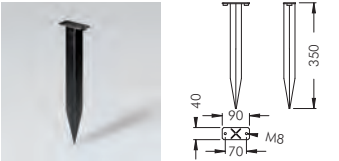
Part number	Colour	Description
128 0 589 940	black	Cowl, stainless steel, to avoid glare from 3 directions, for retro-fitting (one accessory per luminaire; not in combination)
128 0 589 960	white	
128 0 589 950	silver grey	



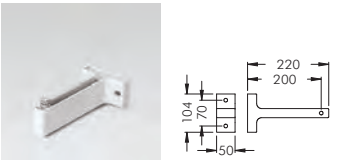
Part number	Colour	Description
128 0 588 940	black	Barn doors, aluminium, to avoid glare from 4 directions for retro-fitting (one accessory per luminaire; not in combination)
128 0 588 960	white	
128 0 588 950	silver grey	

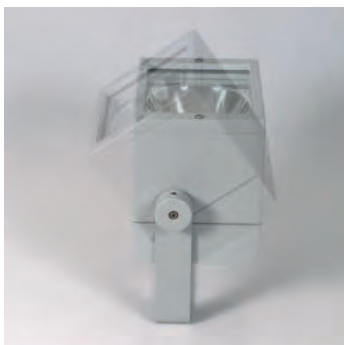


Part number	Colour	Description
129 0 390 940	black	Earth spike, stainless steel, for use in landscaped areas
129 0 390 960	white	
129 0 390 950	silver grey	



Part number	Colour	Description
125 0 160 940	black	Wall bracket 220mm, aluminium, polyester powder coated, allows horizontal adjustment and directional aiming of luminaire
125 0 160 960	white	
125 0 160 950	silver grey	





Part number	Description
. . . . 3	Superlight Compact floodlights equipped with Light Lock*

*Factory fitted Light Lock reduces the installation work. / Registered as a German federal utility model (DBGM).

Example:

8 862 041 009

Superlight Compact rotationally symmetrical narrow beam
without Light Lock

8 862 341 009

Superlight Compact rotationally symmetrical narrow beam
with Light Lock

When the luminaire is pivoted, e.g. during re-lamping, Light Lock ensures that the luminaire is returned to its original aiming angle afterwards. One of the two end caps with tilt scale is replaced by Light Lock. On our website www.meyer-lighting.com there is a short video film which explains the use and installation of Light Lock. The video clip can be viewed online or downloaded.

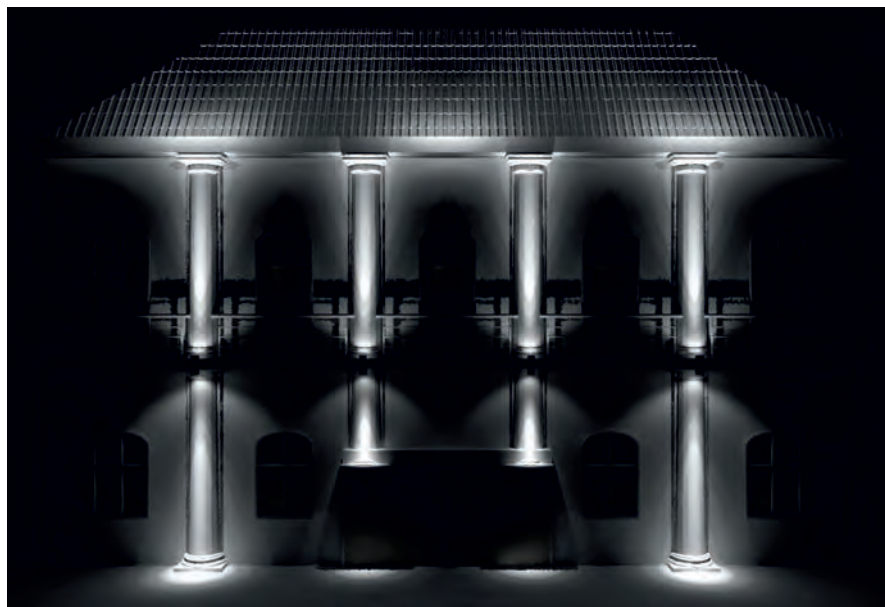
After maintenance without Light Lock

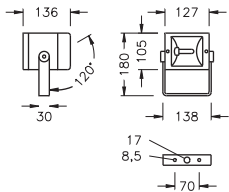
The luminaires have been pivoted and only partially returned to the original aiming angle. As a result many luminaires are out of focus.



After maintenance with Light Lock

The luminaires have been pivoted and all returned to the original aiming angle. As a result all the luminaires are still correctly focussed.





Superlight Compact Mini
Axially symmetrical wide beam

For ceramic metal halide lamps (HIT-TC-CE)
protection class I, IP65   , IK08
die cast aluminium housing, polyester powder
coated, axially symmetrical, textured,
high gloss aluminium reflector,
all exterior steel parts stainless steel,
tempered safety glass, silicon gasket,
closure: 2 stainless steel screws,
powder coated aluminium mounting bracket with tilt
scale: 2 drilled holes Ø 8.5 mm, spacing 70 mm,
1 centre hole Ø 17 mm, tilt range 120°,
M16 cable gland, integral electronic ballast,
supplied without lamp

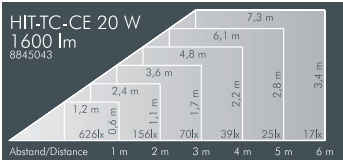
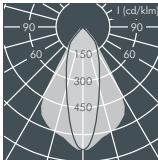
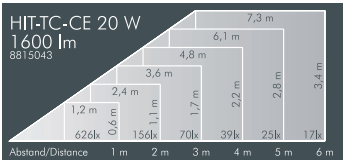
Superlight Compact Mini 20 W, axially symmetrical wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 815 043 009	black	Philips CDM-Tm 20 W	PGJ5	1.3 kg	C 0 – 180	C 90 – 270
8 815 063 009	white				31°	62°
8 815 053 009	silver grey					

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 845 043 009	black	General Electric	GU6.5	1.3 kg	C 0 – 180	C 90 – 270
8 845 063 009	white	CMH 20 W/			31°	62°
8 845 053 009	silver grey	Osram HCHT 20 W				

Part number	Description
... 3 ...	Superlight Compact Mini with pre-assembled Light Lock*

*Registered as a German federal utility model (DBGM)

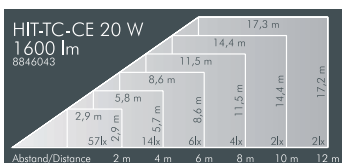
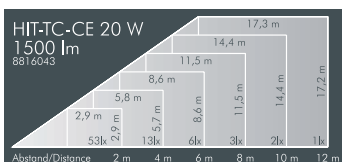
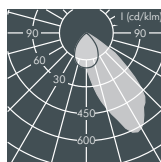
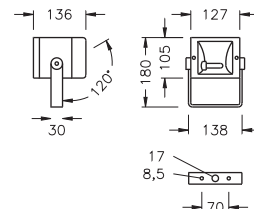


Internally fitted louvres are protected from dust
and debris.



Superlight Compact Mini Asymmetrical wide beam

For ceramic metal halide lamps (HIT-TC-CE)
protection class I, IP65   , IK08
die cast aluminium housing, polyester powder
coated, asymmetrical, textured,
high gloss aluminium reflector,
all exterior steel parts stainless steel,
tempered safety glass, silicon gasket,
closure: 2 stainless steel screws,
powder coated aluminium mounting bracket with tilt
scale: 2 drilled holes $\varnothing$ 8.5 mm, spacing 70 mm,
1 centre hole $\varnothing$ 17 mm, tilt range 120°,
M16 cable gland, integral electronic ballast,
supplied without lamp



Superlight Compact Mini 20 W, asymmetrical wide beam

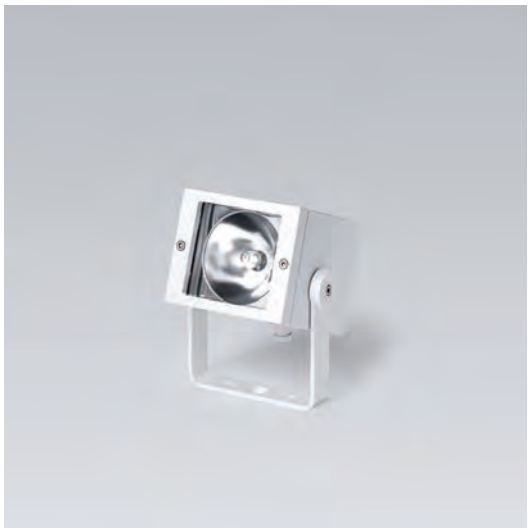
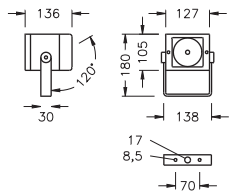
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 816 043 009	black	Philips CDM-Tm 20 W	PGJ5	1.3 kg	C 0 – 180	C 90 – 270
8 816 063 009	white				50°	74°
8 816 053 009	silver grey					

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 846 043 009	black	General Electric CMH 20 W/ Osram HCI-TF 20 W	GU6.5	1.3 kg	50°	74°
8 846 063 009	white					
8 846 053 009	silver grey					

Part number	Description
... 3 ...	Superlight Compact Mini with pre-assembled Light Lock*

*Registered as a German federal utility model (DBGM)





Superlight Compact Mini
Rotationally symmetrical,
narrow and medium wide beam

For ceramic metal halide lamps (HIT-TC-CE)
protection class I, IP65     , IK08
die cast aluminium housing, polyester powder
coated, rotationally symmetrical aluminium reflector,
all exterior steel parts stainless steel,
tempered safety glass, silicon gasket,
closure: 2 stainless steel screws,
powder coated aluminium mounting bracket with tilt
scale: 2 drilled holes $\varnothing 8.5$ mm, spacing 70 mm,
1 centre hole $\varnothing 17$ mm, tilt range 120°,
M16 cable gland, integral electronic ballast,
supplied without lamp

Superlight Compact Mini 20 W, rotationally symmetrical narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 814 041 009	black	Philips CDM-Tm	PGJ5	1.3 kg	7°
8 814 061 009	white	20 W			
8 814 051 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 844 041 009	black	General Electric	GU6.5	1.3 kg	7°
8 844 061 009	white	CMH 20 W/			
8 844 051 009	silver grey	Osram HCHT 20 W			

Superlight Compact Mini 20 W, rotationally symmetrical narrow beam

Part number	Beam direction	Description	Half beam angle γ
			C 0 – 180 C 90 – 270
. 029	vertical	Floodlight with ribbed glass	34° 10°
. 039	horizontal	for linear beam control	10° 34°

Part number	Description
. 3	Superlight Compact Min with pre-assembled Light Lock*

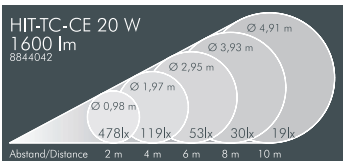
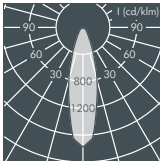
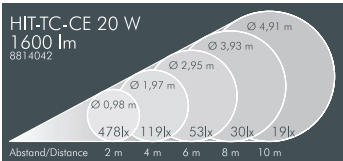
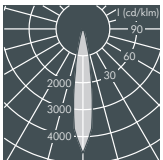
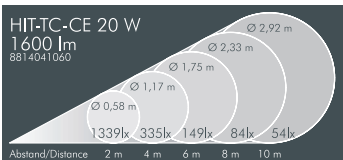
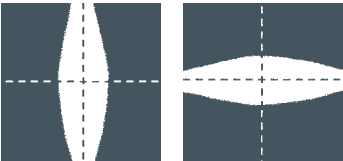
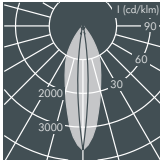
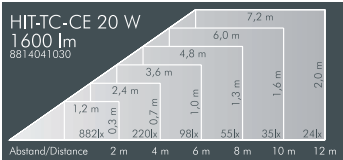
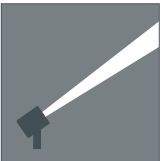
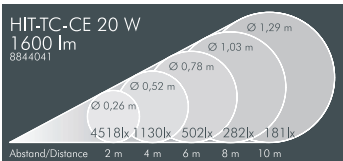
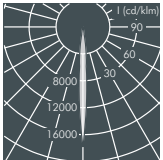
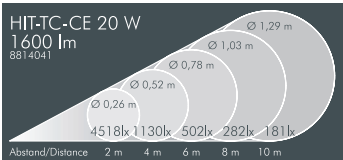
*Registered as a German federal utility model (DBGM)

Part number	Description	Half beam angle γ
. 069	Floodlight with prismatic glass for diffused light distribution	15°

Superlight Compact Mini 20 W, rotationally symmetrical medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 814 042 009	black	Philips CDM-Tm	PGJ5	1.3 kg	28°
8 814 062 009	white	20 W			
8 814 052 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 844 042 009	black	General Electric	GU6.5	1.3 kg	28°
8 844 062 009	white	CMH 20 W/			
8 844 052 009	silver grey	Osram HCHT 20 W			



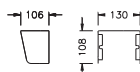
Lamps (see page 364–365)

HIT-TC-CE



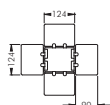
HIT-TC-CE



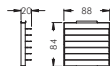


Accessories for Superlight Compact Mini

Part number	Colour	Description
128 0 524 940	black	Cowl , stainless steel, to avoid glare from 3 directions
128 0 524 960	white	
128 0 524 950	silver grey	

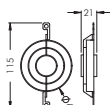


Part number	Colour	Description
128 0 562 940	black	Barn doors , aluminium, to avoid glare from 4 directions, variable control of light distribution, for mounting on front of floodlight
128 0 562 960	white	
128 0 562 950	silver grey	



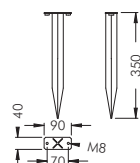
Part number	Description
128 0 614 000	Vertical louvre* , stainless steel, internally fitted, to reduce lateral glare
128 0 615 000	Horizontal louvre* , stainless steel, internally fitted, to reduce vertical glare

*Only for axially symmetrical/asymmetrical floodlights

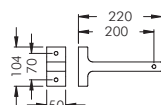


Part number	Description
128 0 619 000	Radial louvre* , stainless steel, internally fitted, to reduce glare from all directions

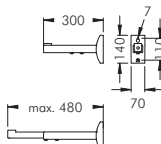
*Only for rotationally symmetrical floodlights



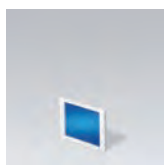
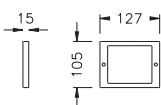
Part number	Colour	Description
129 0 390 940	black	Earth spike , stainless steel, for use in landscaped areas
129 0 390 960	white	
129 0 390 950	silver grey	



Part number	Colour	Description
125 0 160 940	black	Wall bracket 220 mm , aluminium, polyester powder coated, permits luminaire to be turned horizontally and aimed
125 0 160 960	white	
125 0 160 950	silver grey	



Part number	Colour	Description
128 0 700 940	black	Telescopic wall arm, 300 - 480 mm
128 0 700 960	white	
128 0 700 950	silver grey	



Accessories for floodlight Superlight Compact Mini

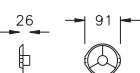
Part number	Colour	Description
128 0 551 940	black frame	Yellow colour filter* c/w aluminium frame
128 0 551 960	white frame	
128 0 551 950	silver grey frame	
128 0 557 940	black frame	Red colour filter* c/w aluminium frame
128 0 557 960	white frame	
128 0 557 950	silver grey frame	
128 0 553 940	black frame	Blue colour filter* c/w aluminium frame
128 0 553 960	white frame	
128 0 553 950	silver grey frame	
128 0 558 940	black frame	Green colour filter* c/w aluminium frame
128 0 558 960	white frame	
128 0 558 950	silver grey frame	

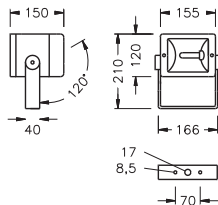
Accessories only for Superlight Compact Mini

rotationally symmetrical narrow and medium wide beam

Part number	Description
128 0 545 000	Glare control sleeve , to reduce scattered light

* For retro-fitting. Only one accessory per luminaire, not in combination.





Superlight Compact S
Axially symmetrical wide beam

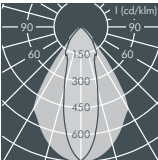
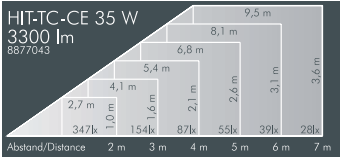
Ceramic metal halide lamps (HIT-TC-CE) protection class I, IP65    , IK07 die cast aluminium housing, polyester powder coated, axially symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 2 stainless steel screws, mounting bracket powder coated aluminium with tilt scale: 2 drilled holes Ø 8.5 mm, spacing 70 mm, 1 centre hole Ø 17 mm, tilt range 120°, M16 cable gland, through wiring possible on request, integral LPF ballast and ignitor, HPF available (see page 362), supplied without lamp

Superlight Compact S 35 W, axially symmetrical wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 877 043 009	black	HIT-TC-CE 35 W	G8.5	2.8 kg	C 0 – 180	C 90 – 270
8 877 063 009	white				29°	68°
8 877 053 009	silver grey					

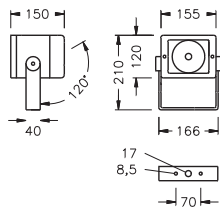
Part number	Description
• • • • 3 • • • •	Superlight Compact S with pre-assembled Light Lock*

*Registered as a German federal utility model (DBG/M)



Superlight Compact S Asymmetrical wide beam

Ceramic metal halide lamps (HIT-TC-CE)
protection class I, IP65                                        

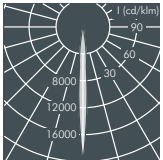
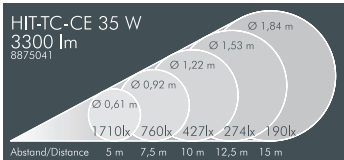


Superlight Compact S
Rotationally symmetrical
narrow beam/medium wide beam

Ceramic metal halide lamps (HIT-TC-CE)
protection class I, IP65    , IK07
die cast aluminium housing, polyester powder
coated, rotationally symmetrical aluminium reflector,
all exterior steel parts are stainless steel, tempered
safety glass, silicon gasket, closure with 2 stainless
steel screws, mounting bracket powder coated
aluminium with tilt scale: 2 drilled holes $\varnothing$ 8.5 mm,
spacing 70 mm, 1 centre hole $\varnothing$ 17 mm, tilt range
120°, M16 cable gland, through wiring possible
on request, integral LPF ballast and ignitor,
HPF available (see page 362), supplied
without lamp

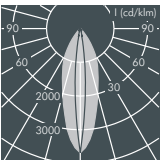
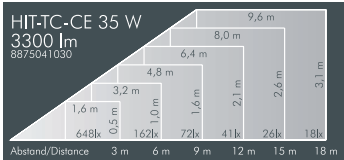
Superlight Compact S 35 W, rotationally symmetrical narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 875 041 009	black	HIT-TC-CE 35 W	G8.5	2.8 kg	7°
8 875 061 009	white				
8 875 051 009	silver grey				



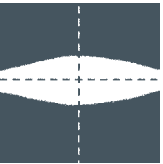
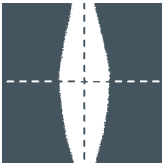
Superlight Compact S 35 W, rotationally symmetrical narrow beam

Part number	Beam direction	Description	Half beam angle γ
			C 0 - 180 C 90 - 270
... 029	vertical	Floodlight with ribbed glass	34° 10°
... 039	horizontal	for linear beam control	10° 34°

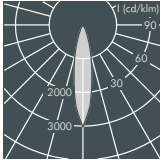
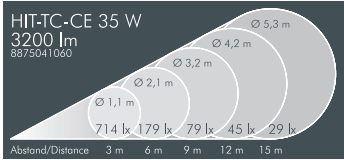


Part number	Description
... 3 ...	Superlight Compact S with pre-assembled Light Lock*

*Registered as a German federal utility model (DBG/M)

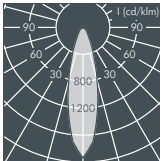
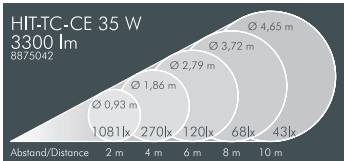


Part number	Description	Half beam angle γ
... 069	Floodlight with prismatic glass for diffused light distribution	18°



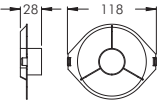
Superlight Compact S 35 W, rotationally symmetrical, medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 875 042 009	black	HIT-TC-CE 35 W	G8.5	2.8 kg	26°
8 875 062 009	white				
8 875 052 009	silver grey				



Accessories only for Superlight Compact S
rotationally symmetrical narrow and medium wide beam

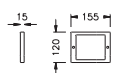
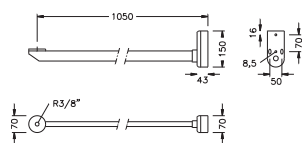
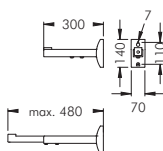
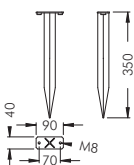
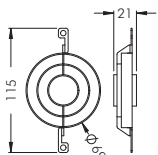
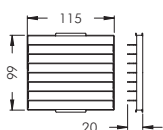
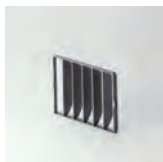
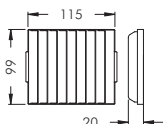
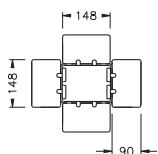
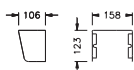
Part number	Description
128 0 544 000	Glare control sleeve , to reduce scattered light



Lamps (see page 364-365)

HIT-TC-CE





Accessories for Superlight Compact S

Part number	Colour	Description
128 0 484 940	black	Cowl* , stainless steel, to avoid glare from 3 directions, on front of floodlight
128 0 484 960	white	
128 0 484 950	silver grey	

Part number	Colour	Description
128 0 480 940	black	Barn doors* , aluminium, to avoid glare from 4 directions, variable control of light distribution
128 0 480 960	white	
128 0 480 950	silver grey	

Part number	Description
128 0 620 000	Vertical louvre* , stainless steel, internally fitted, to reduce lateral glare

*Only for axially symmetrical/asymmetrical floodlights

Part number	Description
128 0 621 000	Horizontal louver*, stainless steel, internally fitted, to reduce vertical glare

*Only for axially symmetrical floodlights

Part number	Description
128 0 619 000	Radial louvre*, stainless steel, internally fitted, to reduce glare from all directions

*Only for rotationally symmetrical floodlights

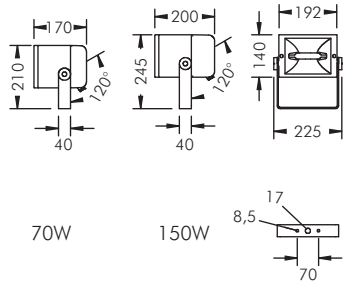
Part number	Colour	Description
129 0 390 940	black	Earth spike , stainless steel, for use in landscaped areas
129 0 390 960	white	
129 0 390 950	silver grey	

Part number	Colour	Description
128 0 700 940	black	Telescopic wall arm, 300 - 480 mm
128 0 700 960	white	
128 0 700 950	silver grey	

Part number	Colour	Description
128 0 047 940	black	Wall arm 1 m , aluminium, polyester powder coated,forillumination of signs and facades, cable duct inside, max. load 8 kgs
128 0 047 960	white	
128 0 047 950	silver grey	

Part number	Colour	Description
128 0 491 940	black frame	Yellow colour filter* c/w aluminium frame
128 0 491 960	white frame	
128 0 491 950	silver grey frame	Red colour filter* c/w aluminium frame
128 0 497 940	black frame	
128 0 497 960	white frame	
128 0 497 950	silver grey frame	Blue colour filter* c/w aluminium frame
128 0 493 940	black frame	
128 0 493 960	white frame	
128 0 493 950	silver grey frame	Green colour filter* c/w aluminium frame
128 0 498 940	black frame	
128 0 498 960	white frame	
128 0 498 950	silver grey frame	

* For retro-fitting. Only one accessory per luminaire, not in combination.



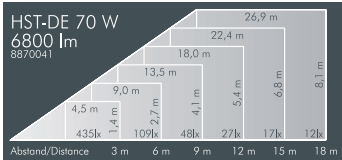
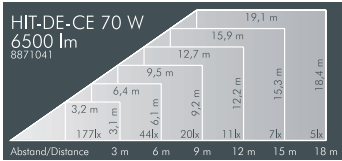
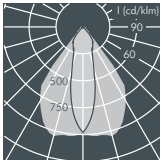
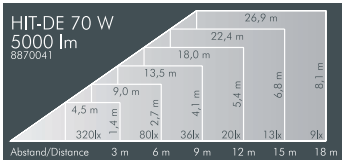
Superlight Compact

Axially symmetrical wide beam

For metal halide lamps (HIT-DE), ceramic metal halide lamps (HIT-DE-CE) high pressure sodium lamps (HST-DE) and halogen lamps (QT-DE 12) protection class I, IP65 , IK08 die cast aluminium housing, polyester powder coated, axially symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 2 stainless steel screws, mounting bracket powder coated aluminium with tilt scale: 2 drilled holes Ø 8.5 mm, spacing 70 mm, 1 centre hole Ø 17 mm, tilt range 120°, PG11 cable gland, integral LPF ballast and ignitor, HPF available on request (see page 362), supplied without lamp

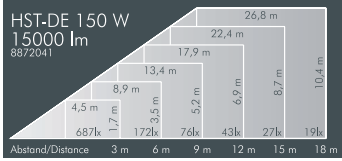
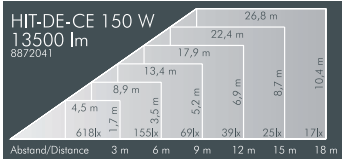
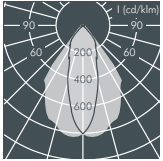
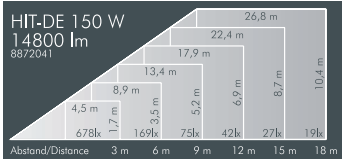
Superlight Compact 70 W, axially symmetrical wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 870 041 009	black	HIT-DE 70 W	Rx7s	3.8 kg	C 0 – 180	C 90 – 270
8 870 061 009	white	HIT-DE-CE 70 W			27°	71°
8 870 051 009	silver grey	HST-DE 70 W				



Superlight Compact 150 W, axially symmetrical wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 872 041 009	black	HIT-DE 150 W	Rx7s	5.2 kg	C 0 – 180	C 90 – 270
8 872 061 009	white	HIT-DE-CE 150 W			32°	72°
8 872 051 009	silver grey	HST-DE 150 W				

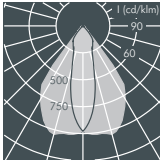
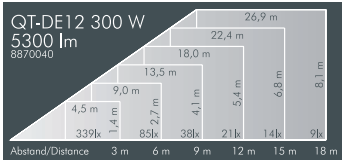


Part number	Description
... 3 ...	Superlight Compact with pre-assembled Light Lock*

*Registered as a German federal utility model (DBGM)

Superlight Compact 300 W, axially symmetrical, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 870 040 009	black	QT-DE 12	R7s	2.6 kg	C 0 – 180	C 90 – 270
8 870 060 009	white	bis 300 W			26°	73°
8 870 050 009	silver grey					



Lamps (see page 364–365)

HIT-DE



HIT-DE-CE



HST-DE

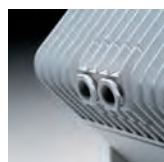
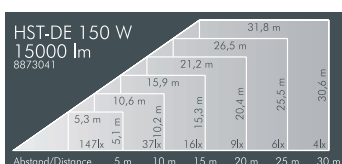
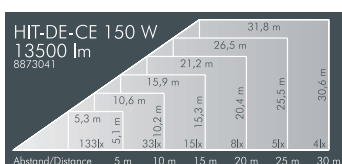
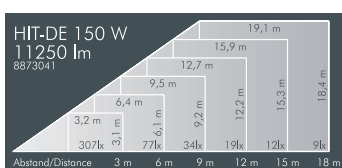
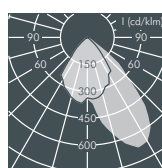
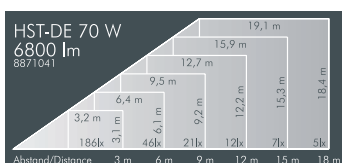
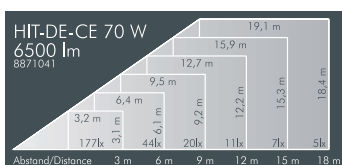
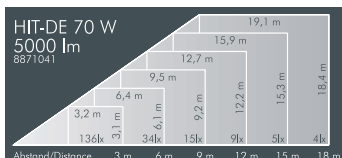
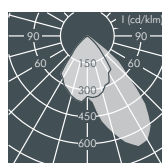
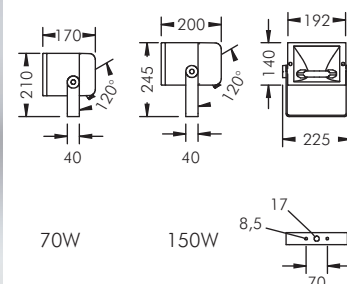


QT-DE 12



Superlight Compact Asymmetrical wide beam

For metal halide lamps (HIT-DE), ceramic metal halide lamps (HIT-DE-CE) and high pressure sodium lamps (HST-DE) protection class I, IP65  , IK08 die cast aluminium housing, polyester powder coated, asymmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 2 stainless steel screws, mounting bracket powder coated aluminium with tilt scale: 2 drilled holes Ø 8.5 mm, spacing 70 mm, 1 centre hole Ø 17 mm, tilt range, 120°, PG11 cable gland, integral LPF ballast and ignitor, HPF available on request (see page 362), supplied without lamp



Superlight Compact 70 W, asymmetrical wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 871 041 009	black	HIT-DE 70 W	RxZs	3.8 kg	C 0 – 180	C 90 – 270
8 871 061 009	white	HIT-DE-CE 70 W			44°	74°
8 871 051 009	silver grey	HIT-DE 70 W				

Superlight Compact 150 W, asymmetrical wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 873 041 009	black	HIT-DE 150 W	RxZs	5.2 kg	C 0 – 180	C 90 – 270
8 873 061 009	white	HIT-DE-CE 150 W			44°	74°
8 873 051 009	silver grey	HIT-DE 150 W				

Part number	Description
... 3 ...	Superlight Compact with pre-assembled Light Lock*

*Registered as a German federal utility model (DBGM)

Superlight Compact 70/150 W axially symmetrical and asymmetrical wide beam

Part number	Description
... 4 ...	Luminaire with 2 cable glands for through wiring

Lamps (see page 364–365)

HIT-DE

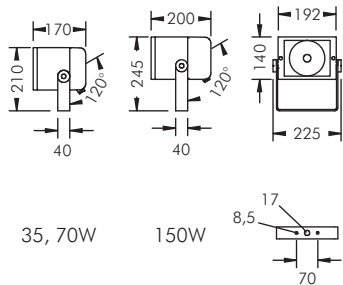


HIT-DE-CE



HST-DE





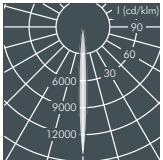
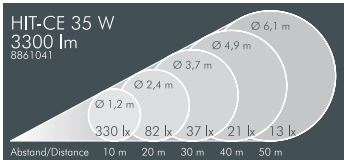
Superlight Compact

Rotationally symmetrical narrow beam

For metal halide lamps (HIT), ceramic metal halide lamps (HIT-CE), protection class I, IP65  , IK08 die cast aluminium housing, polyester powder coated, rotationally symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 2 stainless steel screws, mounting bracket powder coated aluminium with tilt scale: 2 drilled holes $\varnothing$ 8.5 mm, spacing 70 mm, 1 centre hole $\varnothing$ 17 mm, tilt range 120°, PG11 cable gland, integral LPF ballast and ignitor, HPF available on request (see page 362), supplied without lamp

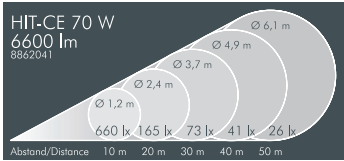
Superlight Compact 35 W, rotationally symmetrical narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Beam angle γ
8 861 041 009	black	HIT-CE 35 W	G12	3.7 kg	C 0 – 180 7°
8 861 061 009	white				
8 861 051 009	silver grey				



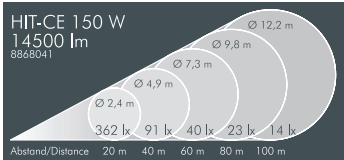
Superlight Compact 70 W, rotationally symmetrical narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Beam angle γ
8 862 041 009	black	HIT 70 W	G12	3.8 kg	C 0 – 180 7°
8 862 061 009	white	HIT-CE 70 W			
8 862 051 009	silver grey				



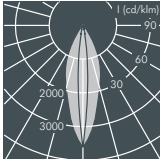
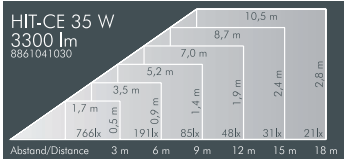
Superlight Compact 150 W, rotationally symmetrical narrow beam *

Part number	Colour	Lamp	Lampholder	Weight	Beam angle γ
8 868 041 009	black	HIT 150 W	G12	5.2 kg	C 0 – 180 8°
8 868 061 009	white	HIT-CE 150 W			
8 868 051 009	silver grey				

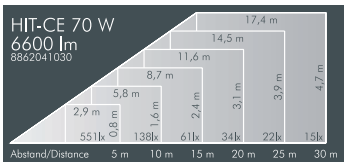
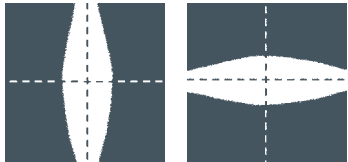


Superlight Compact 35/70/150 W, rotationally symmetrical, narrow beam*

Part number	Beam direction	Description	Beam angle γ
... 029	vertical	Floodlight with ribbed glass for linear beam control	C 0 – 180 33°
... 039	horizontal		C 90 – 270 9°

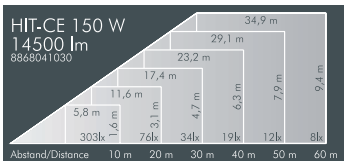


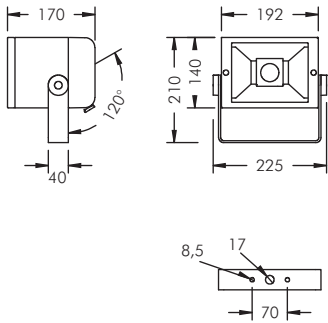
* not suitable for use with colour filters (page 121)



Part number	Description
... 3 ...	Superlight Compact with pre-assembled Light Lock*

*Registered as a German federal utility model (DBGM)





Superlight Compact LED

With a high performance LED module (Zhaga), integral temperature monitoring device, protection class I, IP65 , IK08 die cast aluminium housing, polyester powder coated, axially symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 2 stainless steel screws, mounting bracket powder coated aluminium with tilt scale: 2 drilled holes Ø 8.5 mm, spacing 70 mm, 1 centre hole Ø 17 mm, tilt range 120°, PG11 cable gland, integral converter

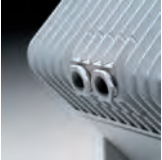
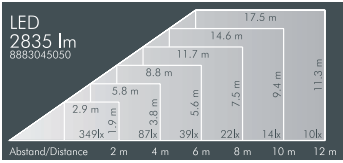
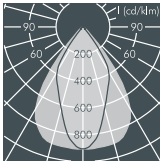
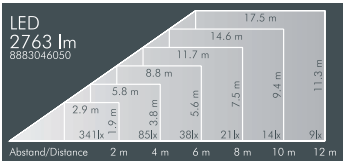
Superlight Compact LED, wide beam

Part number	Colour	Light source	Weight	Half beam angle γ	
8 883 046 059	black	1 x LED 33 W warm white	2.1 kg	C 0 – 180	C 90 – 270
8 883 066 059	white			50°	72°
8 883 056 059	silver grey				

Part number	Colour	Light source	Weight	Half beam angle γ	
8 883 045 059	black	1 x LED 33 W neutral white	2.1 kg	C 0 – 180	C 90 – 270
8 883 065 059	white			50°	72°
8 883 055 059	silver grey				

Superlight Compact LED, wide beam

Part number	Description
. 4 . .	Luminaire with 2 cable glands for through wiring



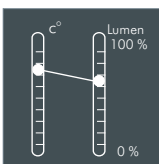
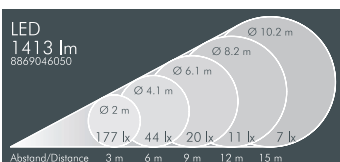
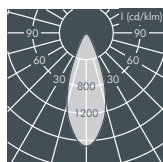
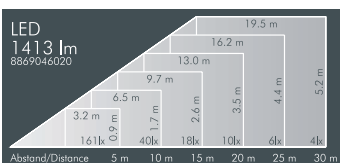
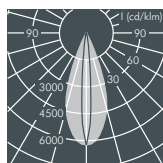
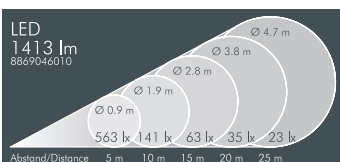
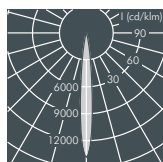
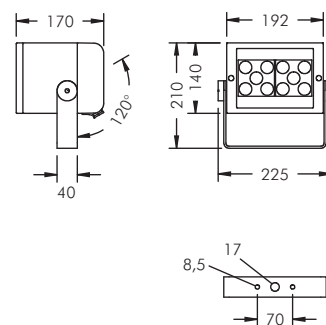
Light source

LEDs, replacement modules available



Superlight Compact LED

With 10 x 3 W high performance LEDs,
integral temperature monitoring device,
protection class I, IP65 , IK08
die cast aluminium housing, polyester powder
coated, all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket, closure with
2 stainless steel screws, mounting bracket powder
coated aluminium with tilt scale: 2 drilled holes
Ø 8.5 mm, spacing 70 mm, 1 centre hole
Ø 17 mm, tilt range 120°, 2 x PG11 cable gland,
integral converter



The integral thermal monitoring device adjusts the light output if a change in temperature makes it necessary. This feedback function contributes towards a longer life span of the LED modules.

Superlight Compact LED, narrow beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 869 046 019	black	10 x LED 3 W warm white	2.8 kg	10°
8 869 066 019	white			
8 869 056 019	silver grey			

Part number	Colour	Light source	Weight	Half beam angle γ
8 869 045 019	black	10 x LED 3 W neutral white	2.8 kg	10°
8 869 065 019	white			
8 869 055 019	silver grey			

Superlight Compact LED, linear beam spread, vertical

Part number	Colour	Light source	Weight	Half beam angle γ
				C 0 – 180 C 90 – 270
8 869 046 029	black	10 x LED 3 W warm white	2.8 kg	39° 9°
8 869 066 029	white			
8 869 056 029	silver grey			

Part number	Colour	Light source	Weight	Half beam angle γ
				C 0 – 180 C 90 – 270
8 869 045 029	black	10 x LED 3 W neutral white	2.8 kg	39° 9°
8 869 065 029	white			
8 869 055 029	silver grey			

Part number	Description
... 039	Luminaire with linear beam spread, horizontal

Superlight Compact LED, wide beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 869 046 059	black	10 x LED 3 W warm white	2.8 kg	38°
8 869 066 059	white			
8 869 056 059	silver grey			

Part number	Colour	Light source	Weight	Half beam angle γ
8 869 045 059	black	10 x LED 3 W neutral white	2.8 kg	38°
8 869 065 059	white			
8 869 055 059	silver grey			

Part number	Description
... 049	Luminaire with medium wide beam optics, 20°

Part number	Description
... 1 ..	Dimmable version, 1-10 V or DALI

Light source

LEDs, replacement modules available



Accessories for Superlight Compact

Part number	Colour	Description
128 0 235 000	unpainted	Ceiling recess frame* , stainless steel,
128 0 235 940	black	outer dimensions 270 x 320 mm, in kit form,
128 0 235 960	white	ready for assembly, adjustable height of fitting,
128 0 235 950	silver grey	min. recess depth 250 mm

*Only for 35 W and 70 W floodlights

Part number	Colour	Description
128 0 035 940	black	Barn doors* , aluminium, to avoid glare
128 0 035 960	white	from 4 directions, variable control of light
128 0 035 950	silver grey	distribution, for mounting on front of floodlight

Part number	Colour	Description
128 0 031 940	black	Cowl* , stainless steel,
128 0 031 960	white	to avoid glare from 3 directions,
128 0 031 950	silver grey	for mounting on front of floodlight

Part number	Colour	Description
128 0 352 940	black	Protection grill* , stainless steel, c/w aluminium frame,
128 0 352 960	white	to protect the glass from stone chip and
128 0 352 950	silver grey	vandalism, for mounting on front of floodlight

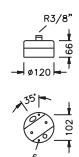
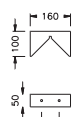
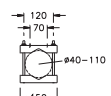
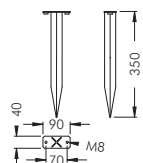
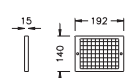
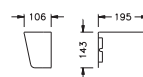
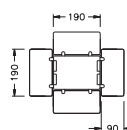
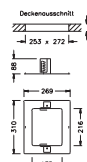
*For retro-fitting. Only one accessory per luminaire, not in combination

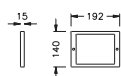
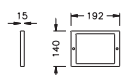
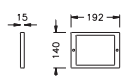
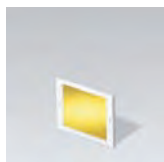
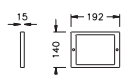
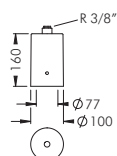
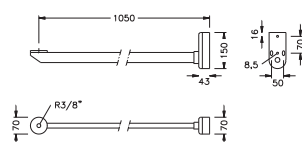
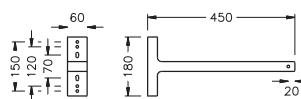
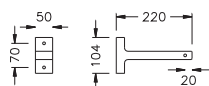
Part number	Colour	Description
129 0 390 940	black	Earth spike , stainless steel,
129 0 390 960	white	for use in landscaped areas
129 0 390 950	silver grey	

Part number	Colour	Description
120 0 240 940	black	Universal pole clamp , aluminium,
120 0 240 960	white	polyester powder coated, stainless steel bolts,
120 0 240 950	silver grey	for mounting on poles $\varnothing$ 40–110 mm

Part number	Colour	Description
125 0 197 940	black	Corner fixing bracket A , aluminium,
125 0 197 960	white	polyester powder coated,
125 0 197 950	silver grey	for mounting floodlights on 90° corners

Part number	Colour	Description
128 0 246 940	black	Connection box , aluminium, IP55,
128 0 246 960	white	polyester powder coated, with thread R3/8",
128 0 246 950	silver grey	for mounting one floodlight, PG11 cable gland, 2 rubber cable grommets for through wiring, surface mounted or recessed cable





Accessories for Superlight Compact

Part number	Colour	Description
125 0 160 940	black	Wall bracket 220 mm , aluminium, polyester powder coated, allows horizontal adjustment and directional aiming of luminaire
125 0 160 960	white	
125 0 160 950	silver grey	

Part number	Colour	Description
128 0 294 940	black	Wall bracket 450 mm , aluminium, polyester powder coated, allows horizontal adjustment and directional aiming of luminaire
128 0 294 960	white	
128 0 294 950	silver grey	

Part number	Colour	Description
128 0 047 940	black	Wall arm 1 m , aluminium, polyester powder coated, for illumination of signs and facades, cable duct inside, max. load 8 kgs.
128 0 047 960	white	
128 0 047 950	silver grey	

Part number	Colour	Description
128 0 625 940	black	Pole top fitter , aluminium, for pole Ø 76 mm, with R3/8" thread, for mounting one floodlight
128 0 625 960	white	
128 0 625 950	silver grey	

Part number	Colour	Description
128 0 403 940	black frame	Yellow colour filter* c/w aluminium frame (not suitable for use on 8 868 ... fittings)
128 0 403 960	white frame	
128 0 403 950	silver grey frame	

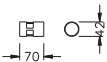
Part number	Colour	Description
128 0 393 940	black frame	Red colour filter* c/w aluminium frame (not suitable for use on 8 868 ... fittings)
128 0 393 960	white frame	
128 0 393 950	silver grey frame	

Part number	Colour	Description
128 0 383 940	black frame	Blue colour filter* c/w aluminium frame (not suitable for use on 8 868 ... fittings)
128 0 383 960	white frame	
128 0 383 950	silver grey frame	

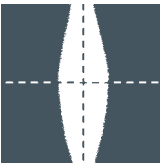
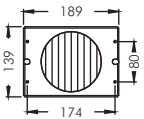
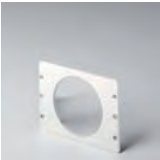
Part number	Colour	Description
128 0 418 940	black frame	Green colour filter* c/w aluminium frame (not suitable for use on 8 868 ... fittings)
128 0 418 960	white frame	
128 0 418 950	silver grey frame	

* For retro-fitting. Only one accessory per luminaire, not in combination, also suitable for floodlights with linear beam spread.

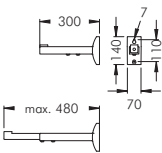
Accessories for Superlight Compact rotationally symmetrical narrow beam and medium wide beam only	
Part number	Description
128 0 370 000	Glare control sleeve , to reduce scattered light

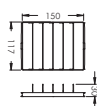


Accessories for Superlight Compact, rotationally symmetrical narrow beam		
Part number	Colour	Description
128 0 622 940	black	Rotatable ribbed glass spreader lense , for linear beam distribution, continuously adjustable through 360°, with stainless steel frame
128 0 622 960	white	
128 0 622 950	silver grey	



Accessories for Superlight Compact		
Part number	Colour	Description
128 0 700 940	black	Telescopic wall arm , 300 - 480 mm
128 0 700 960	white	
128 0 700 950	silver grey	

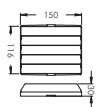




Accessories for Superlight Compact 35/70 W

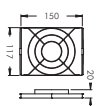
Part number	Description
128 0 565 000	Vertical louvre* , stainless steel, internally fitted, to reduce lateral glare

*Only for axially symmetrical/asymmetrical floodlights



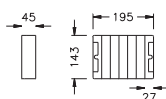
Part number	Description
128 0 566 000	Horizontal louvre* , stainless steel, internally fitted, to reduce vertical glare

*Only for axially symmetrical floodlights



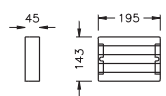
Part number	Description
128 0 585 000	Radial louvre* , stainless steel, internally fitted, to reduce glare from all directions

*Only for rotationally symmetrical floodlights

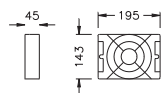


Accessories for Superlight Compact 150 W

Part number	Colour	Description
128 0 033 940	black	Vertical louvre* , stainless steel, to reduce lateral glare, for mounting on front of floodlight
128 0 033 960	white	
128 0 033 950	silver grey	



Part number	Colour	Description
128 0 368 940	black	Horizontal louvre* , stainless steel, to reduce lateral glare, for mounting on front of floodlight
128 0 368 960	white	
128 0 368 950	silver grey	

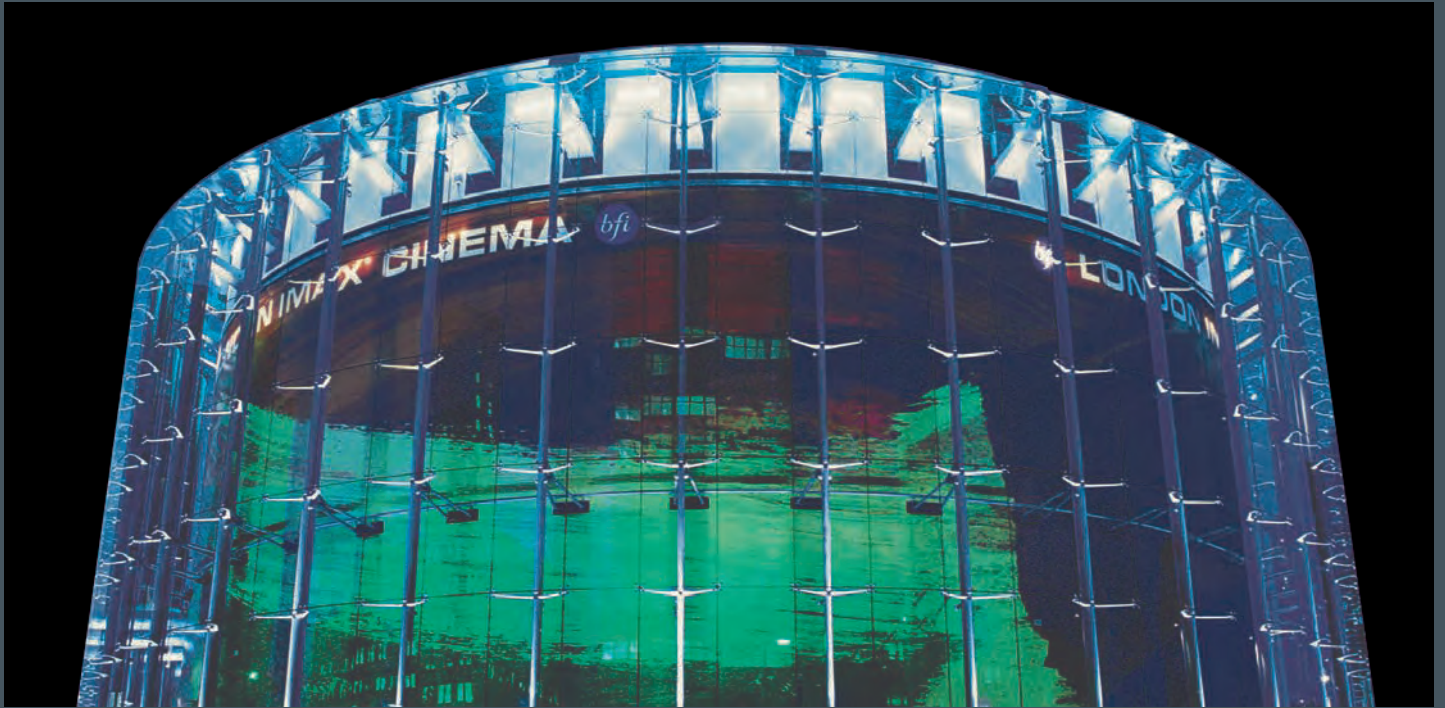


Part number	Colour	Description
128 0 431 940	black	Radial louvre* , stainless steel, to reduce lateral glare, for mounting on front of floodlight
128 0 431 960	white	
128 0 431 950	silver grey	

* For retro-fitting. Only one accessory per luminaire, not in combination.

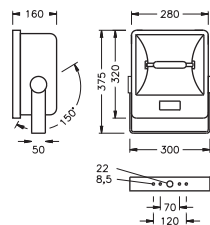
Exterior lighting installations are planned long term and therefore require light fittings which will continue to work effectively for a long time. Superlight floodlights are designed and manufactured so that they fulfil these requirements. A comprehensive range of lamps and light distributions offers solutions for a multitude of lighting projects. They range from architectural lighting to the most demanding industrial applications.





The BFI Imax Cinema is located in the middle of a large roundabout in central London. Making use of this exposed position, the interior of the cinema and the graphics relating to the current film productions being shown, can be seen from outside. The steel structure supporting the glass façade is illuminated from the base using Superlight floodlights with narrow beam spot reflectors equipped with blue metal halide lamps.

Lighting design:
DHA Design, London



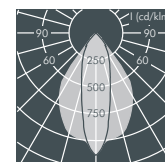
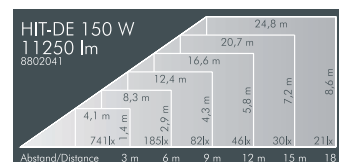
Superlight 70/125/150 W Axially symmetrical wide beam

For metal halide lamps (HIT-DE), ceramic metal halide lamps (HIT-DE-CE), high pressure mercury lamps (HME) and high pressure sodium lamps (HSE/HST-DE) protection class I, IP65     windage area AW 0.09 m²

die cast aluminium housing, polyester powder coated, axially symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged front frame, mounting bracket powder coated aluminium with tilt scale: 4 drilled holes Ø 8.5 mm, spacing 70 mm (120 mm), 1 centre hole Ø 17 mm, tilt range 150°, M20 cable gland, integral LPF ballast and ignitor when required, HPF available on request (see page 362), supplied without lamp.

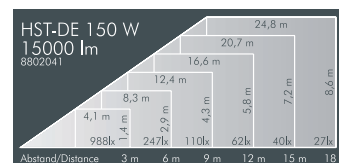
Superlight 150 W, axially symmetrical wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 802 041 009	black	HIT-DE 150 W	Rx7s	7.9 kg	C 0 – 180	C 90 – 270
		HIT-DE-CE 150 W			27°	68°
		HST-DE 150 W				



Superlight 150 W, axially symmetrical wide beam instant light*

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 803 041 009	black	HIT-DE 150 W	Rx7s	7.9 kg	C 0 – 180	C 90 – 270
		HIT-DE-CE 150 W			27°	68°
		HST-DE 150 W				

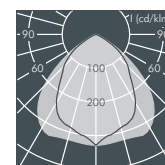
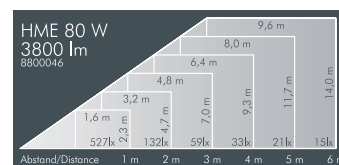


* Instant light floodlights

An electronically controlled additional 150 W halogen lamp (B15d) automatically provides partial illumination (e.g. for safety reasons) during the time required for the discharge lamp to ignite or re-ignite.

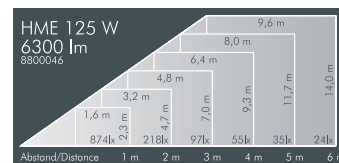
Superlight 80/125 W, axially symmetrical wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 800 046 009	black	HME 80/125 W	E 27	7.2 kg	C 0 – 180	C 90 – 270
					99°	78°



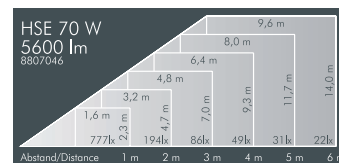
Superlight 80/125 W, axially symmetrical wide beam, instant light*

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 801 046 009	black	HME 80/125 W	E 27	7.2 kg	C 0 – 180	C 90 – 270
					99°	78°



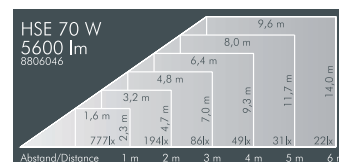
Superlight 70 W, axially symmetrical wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 807 046 009	black	HSE 70 W	E 27	6.1 kg	C 0 – 180	C 90 – 270
					99°	78°



Superlight 70 W, axially symmetrical wide beam, instant light*

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 806 046 009	black	HSE 70 W	E 27	6.1 kg	C 0 – 180	C 90 – 270
					99°	78°



Lamps (see page 364–365)

HIT-DE



HIT-DE-CE



HST-DE



HME

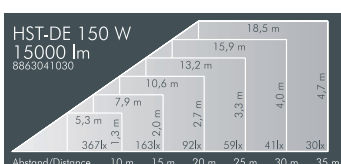
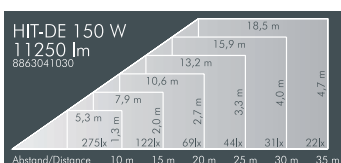
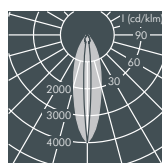
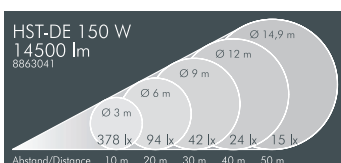
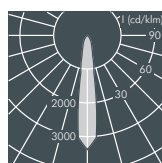
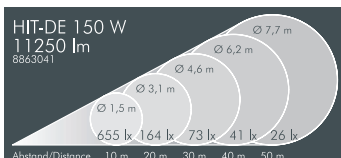
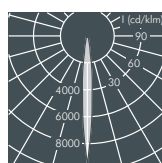
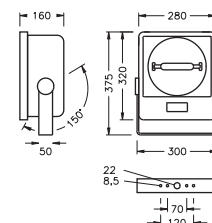


HSE



Superlight 150 W **Rotationally symmetrical narrow beam**

For metal halide lamps (HIT-DE), ceramic metal halide lamps (HIT-DE-CE) and high pressure sodium lamps (HST-DE) protection class I, IP65     windage area AW 0.09 m² die cast aluminium housing, polyester powder coated, rotationally symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged front frame, mounting bracket powder coated aluminium with tilt scale: 4 drilled holes Ø 8.5 mm, spacing 70 mm (120 mm), 1 centre hole Ø 17 mm, tilt range 150°, M20 cable gland, integral LPF ballast and ignitor, HPF available on request (see page 362), supplied without lamp



Superlight 150 W, rotationally symmetrical narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 863 041 009	black	HIT-DE 150 W HIT-DE-CE 150 W HST-DE 150 W	Rx7s	7.9 kg	9°

Superlight 150 W, rotationally symmetrical narrow beam, with ribbed glass

Part number	Beam direction	Description	Half beam angle γ	
			C 0 – 180	C 90 – 270
... 029	vertical	Luminaire with ribbed glass	30°	8°
... 039	horizontal	for linear beam control	8°	30°

Accessories for floodlights Superlight 70/125/150 W

Part number	Colour	Description
128 0 010 940	black	Protection grill , stainless steel, to protect the glass from stone chip and vandalism, for mounting on front of floodlight, for retro-fitting, only one accessory per luminaire, not in combination

Part number	Colour	Description
128 0 008 940	black	Vertical louvre , stainless steel, to reduce lateral glare, for mounting on front of floodlight, for retro-fitting, only one accessory per luminaire, not in combination

Part number	Colour	Description
128 0 028 940	black	Cowl , stainless steel, to avoid glare from 3 directions, for mounting on front of floodlight, for retro-fitting, only one accessory per luminaire, not in combination

Further accessories on page 128.

Lamps (see page 364–365)

HIT-DE



HIT-DE-CE

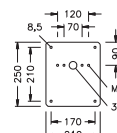


HST-DE

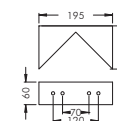


Accessories for floodlights Superlight 70/125/150 W

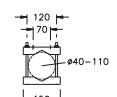
Part number	Colour	Description
128 0 232 940	black	Wall plate B , aluminium, polyester powder coated, for additional support on unstable surfaces



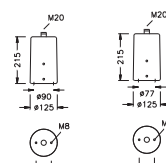
Part number	Colour	Description
128 0 086 940	black	Corner fixing bracket B , aluminium, polyester powder coated, for mounting floodlights on 90° corners



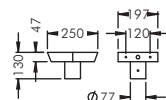
Part number	Colour	Description
120 0 240 940	black	Universal pole clamp , aluminium, polyester powder coated, stainless steel bolts, for mounting on poles $\varnothing$ 40–110 mm



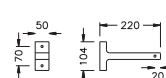
Part number	Colour	Description
		Pole top fitter , aluminium, polyester powder coated, with M20 thread, for mounting one floodlight
122 0 140 940	black	for pole $\varnothing$ 76 mm
122 0 150 940		for pole $\varnothing$ 89 mm



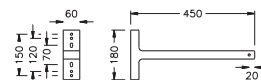
Part number	Colour	Description
128 0 200 940	black	Pole top fitter for two luminaires , aluminium, polyester powder coated, for pole $\varnothing$ 76 mm



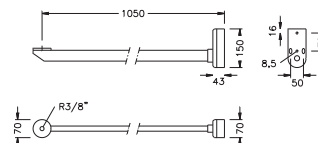
Part number	Colour	Description
125 0 160 940	black	Wall bracket 220 mm , aluminium, polyester powder coated, allows horizontal adjustment and directional aiming of luminaire



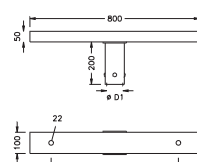
Part number	Colour	Description
128 0 294 940	black	Wall bracket 450 mm , aluminium, polyester powder coated, allows horizontal adjustment and directional aiming of luminaire



Part number	Colour	Description
128 0 047 940	black	Wall arm 1 m , aluminium, polyester powder coated, for illumination of signs and facades, cable duct inside, max. load 8 kgs.



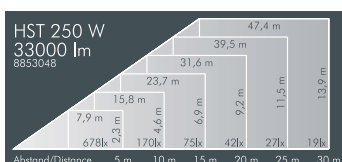
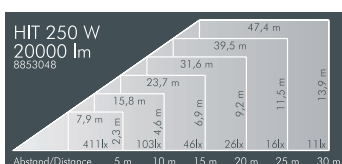
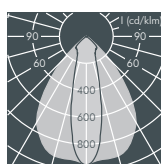
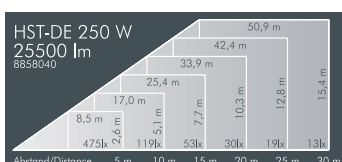
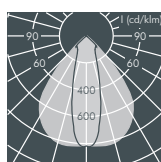
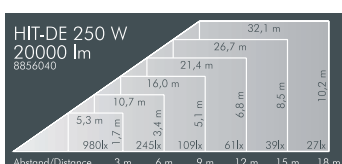
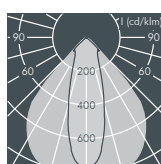
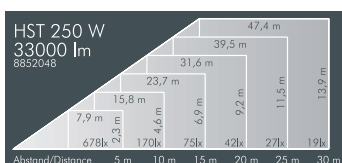
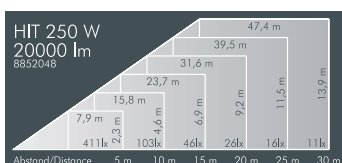
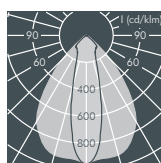
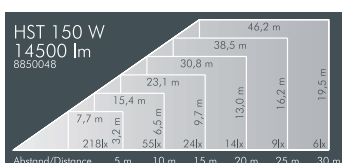
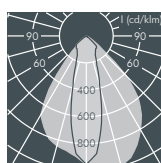
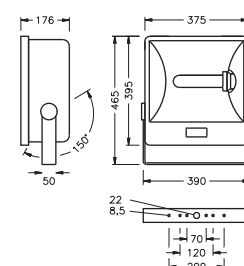
Part number	Colour	Description
128 0 287 940	black	Crossbar , for pole D1= 76 mm , for two luminaires, hot dip galvanized steel, polyester powder coated
128 0 287 000	unpainted	Crossbar , for pole D1= 76 mm , for two luminaires, hot dip galvanized steel
128 0 552 940	black	Crossbar , for pole D1= 89 mm , for two luminaires, hot dip galvanized steel, polyester powder coated
128 0 552 000	unpainted	Crossbar , for pole D1= 89 mm , for two luminaires, hot dip galvanized steel



Superlight 150/250 W **Axially symmetrical wide beam**

For metal halide lamps (HIT/HIT-DE) and high pressure sodium lamps (HST/HST-DE) protection class I, IP65  windage area AW 0.15 m²

die cast aluminium housing, polyester powder coated, axially symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged front frame, mounting bracket powder coated aluminium with tilt scale: 6 drilled holes Ø 8.5 mm, spacing 70 mm (120 mm, 200 mm), 1 centre hole Ø 22 mm, tilt range 150°, M20 cable gland, integral LPF ballast and ignitor when required, HPF available on request (see page 362), supplied without lamp



Superlight 150 W, axially symmetrical wide beam, HST

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 850 048 009	black	HST 150 W	E40	15.0 kg	C 0 – 180	C 90 – 270
					26°	78°

Superlight 250 W, axially symmetrical wide beam, HIT/HST

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 852 048 009	black	HIT 250 W HST 250 W	E40	16.0 kg	C 0 – 180	C 90 – 270
					26°	77°

Superlight 250 W, axially symmetrical wide beam, HIT-DE

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 856 040 009	black	HIT-DE 250 W	Fc2	16.0 kg	C 0 – 180	C 90 – 270
					32°	83°

Superlight 250 W, axially symmetrical wide beam, HST-DE

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 858 040 009	black	HST-DE 250 W	Fc2	16.0 kg	C 0 – 180	C 90 – 270
					29°	81°

Superlight 250 W, axially symmetrical wide beam, instant light*, HIT/HST

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 853 048 009	black	HIT 250 W HST 250 W	E40	16.0 kg	C 0 – 180	C 90 – 270
					26°	77°

***Instant light floodlights**

An electronically controlled additional 250 W halogen lamp (B15d) automatically provides partial illumination (e.g. for safety reasons) during the time required for the discharge lamp to ignite or re-ignite.

Lamps (see page 364–365)

HIT



HST



HIT-DE



HST-DE

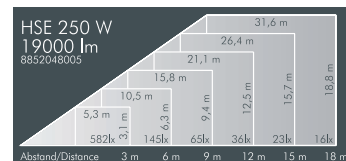
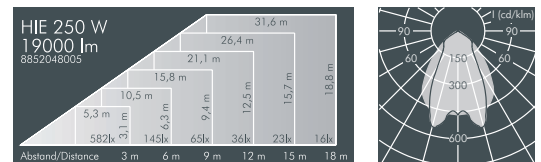




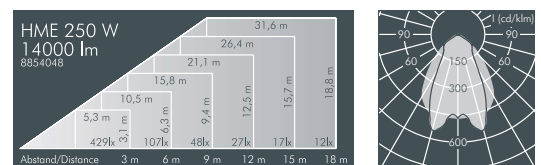
For metal halide lamps (HIE),
high pressure mercury lamps (HME) and
high pressure sodium lamps (HSE)
protection class I, IP65
windage area AW 0.15 m²

die cast aluminium housing, polyester powder coated, axially symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged front frame, mounting bracket powder coated aluminium with tilt scale: 6 drilled holes Ø 8.5 mm, spacing 70 mm (120 mm, 200 mm), 1 centre hole Ø 22 mm, tilt range 150°, M20 cable gland, integral LPF ballast and ignitor when required, HPF available on request (see page 362), supplied without lamp

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 852 048 005	black	HIE 250 W HSE 250 W	E40	16.0 kg	56°	83°



Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 854 048 009	black	HME 250 W	E40	16.0 kg	56°	83°



Lamps (see page 364–365)

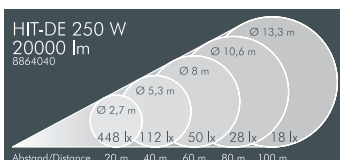
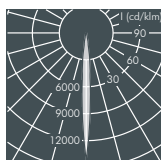
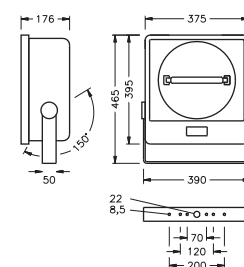
HMF



Superlight 250 W

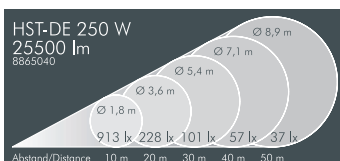
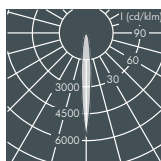
Rotationally symmetrical narrow beam

For metal halide lamps (HIT-DE) and high pressure sodium lamps (HST-DE)
 protection class I, IP65    
 windage area AW 0.15 m²
 die cast aluminium housing, polyester powder coated, rotationally symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged front frame, mounting bracket powder coated aluminium with tilt scale: 6 drilled holes Ø 8.5 mm, spacing 70 mm (120 mm, 200 mm), 1 centre hole Ø 22 mm, tilt range 150°, M20 cable gland, integral LPF ballast and ignitor when required, HPF available on request (see page 362), supplied without lamp



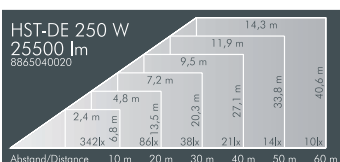
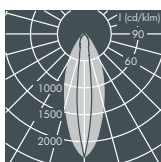
Superlight 250 W, rotationally symmetrical narrow beam, HIT-DE

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 864 040 009	black	HIT-DE 250 W	Fc2	16.0 kg	8°



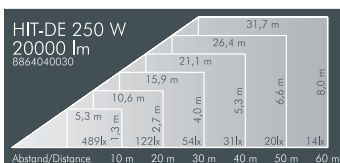
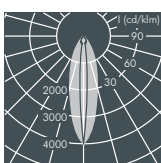
Superlight 250 W, rotationally symmetrical narrow beam, HST-DE

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 865 040 009	black	HST-DE 250 W	Fc2	16.0 kg	10°



Superlight 250 W, rotationally symmetrical narrow beam, with ribbed glass

Part number	Beam direction	Description	Half beam angle γ	
			C 0 – 180	C 90 – 270
029	vertical	Luminaire with ribbed glass	32°	10°
039	horizontal	for linear beam control	10°	32°



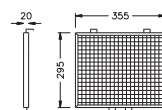
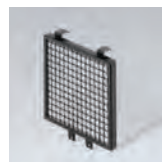
Lamps (see page 364–365)

HIT-DE HST-DE

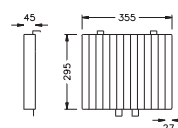


Accessories for floodlights Superlight 150/250 W

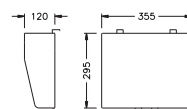
Part number	Colour	Description
128 0 034 940	black	Protection grill , stainless steel, to protect the glass from stone chip and vandalism, for mounting on front of floodlight, for retrofitting, only one accessory per luminaire, not in combination



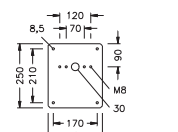
Part number	Colour	Description
128 0 032 940	black	Vertical louvre , stainless steel, to reduce lateral glare, for mounting on front of floodlight, for retrofitting, only one accessory per luminaire, not in combination



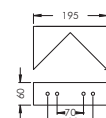
Part number	Colour	Description
128 0 029 940	black	Cowl , stainless steel, to avoid glare from 3 directions, for mounting on front of floodlight, for retrofitting, only one accessory per luminaire, not in combination



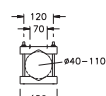
Part number	Colour	Description
128 0 232 940	black	Wall plate B , aluminium, polyester powder coated, for additional support on unstable surfaces



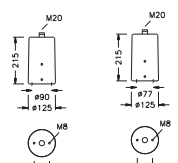
Part number	Colour	Description
128 0 086 940	black	Corner fixing bracket B , aluminium, polyester powder coated, for mounting floodlights on 90° corners



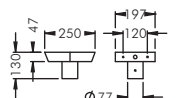
Part number	Colour	Description
120 0 240 940	black	Universal pole clamp , aluminium, polyester powder coated, stainless steel bolts, for mounting on poles $\varnothing$ 40–110 mm



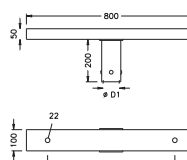
Part number	Colour	Description
		Pole top fitter , aluminium, polyester powder coated, with M20 thread, for mounting one floodlight
122 0 140 940	black	for pole $\varnothing$ 76 mm
122 0 150 940		for pole $\varnothing$ 89 mm



Part number	Colour	Description
128 0 200 940	black	Pole top fitter for two luminaires , aluminium, polyester powder coated, for pole $\varnothing$ 76 mm



Part number	Colour	Description
128 0 287 940	black	Crossbar , for pole D1= 76 mm , for two luminaires, hot dip galvanized steel, polyester powder coated
128 0 287 000	unpainted	Crossbar , for pole D1= 76 mm , for two luminaires, hot dip galvanized steel
128 0 552 940	black	Crossbar , for pole D1= 89 mm , for two luminaires, hot dip galvanized steel, polyester powder coated
128 0 552 000	unpainted	Crossbar , for pole D1= 89 mm , for two luminaires, hot dip galvanized steel



Superlight 400 W

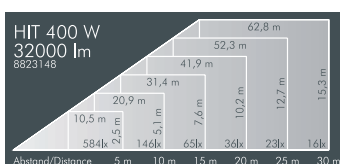
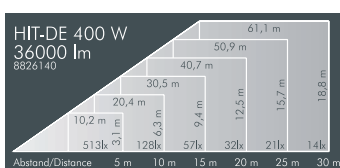
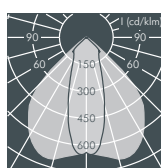
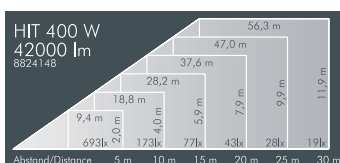
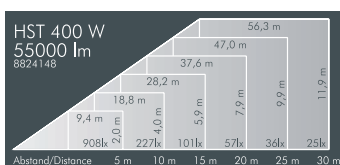
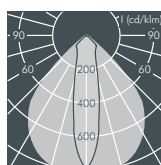
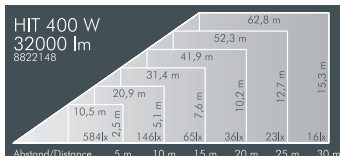
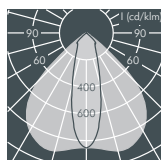
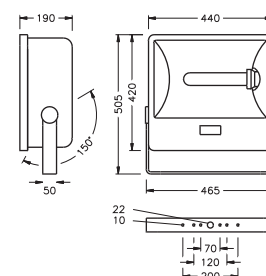
Axially symmetrical, wide beam

For metal halide lamps (HIT/HIT-DE) and high pressure sodium lamps (HST/HST-DE) protection class I, IP65



windage area AWW 0.19 m²

die cast aluminium housing, polyester powder coated, axially symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged front frame, mounting bracket powder coated aluminium with tilt scale: 6 drilled holes Ø 10 mm, spacing 70 mm (120 mm, 200 mm), 1 centre hole Ø 22 mm, tilt range 150°, M20 cable gland, integral LPF ballast and ignitor when required, HPF available on request, (see page 362), supplied without lamp



Superlight 400 W, axially symmetrical, wide beam, HIT

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 822 148 009	black	HIT 400 W lamp operating current < 3.6 A	E40	20.0 kg	C 0 – 180	C 90 – 270
					29°	92°

Superlight 400 W, axially symmetrical, wide beam, HST/HIT

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 824 148 009	black	HST 400 W HIT 400 W lamp operating current < 4.0 A	E40	20.0 kg	C 0 – 180	C 90 – 270
					23°	86°

Superlight 400 W, axially symmetrical, wide beam, HIT-DE/HST-DE

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 826 140 009	black	HIT-DE 400 W HST-DE 400 W	Fc2	20.0 kg	C 0 – 180	C 90 – 270
					36°	91°

Superlight 400 W, axially symmetrical, wide beam, instant light*, HIT/HST

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 823 148 009 8 825 148 009	black	HIT 400 W	E40	20.0 kg	C 0 – 180	C 90 – 270
		HST 400 W			29°	92°

***Instant light floodlights**

An electronically controlled additional 250 W halogen lamp (B15d) automatically provides partial illumination (e.g. for safety reasons) during the time required for the discharge lamp to ignite or re-ignite.

Lamps (see page 364–365)

HIT



HST



HIT-DE

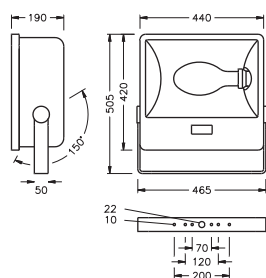


HST-DE



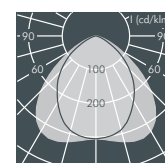
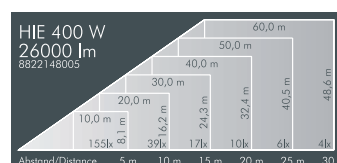
Superlight 400 W
Axially symmetrical, wide beam
for elliptical shaped lamps

For metal halide lamps (HIE),
high pressure mercury lamps (HME) and
high pressure sodium lamps (HSE)
protection class I, IP65 
windage area AW 0.19 m²
die cast aluminium housing, polyester powder
coated, axially symmetrical high gloss aluminium
reflector, all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket, closure with
4 stainless steel screws, hinged front frame,
mounting bracket powder coated aluminium with tilt
scale: 6 drilled holes Ø 10 mm, spacing 70 mm
(120 mm, 200 mm), 1 centre hole Ø 22 mm, tilt
range 150°, M20 cable gland, integral LPF ballast
and ignitor when required, HPF available on request
(see page 362), supplied without lamp



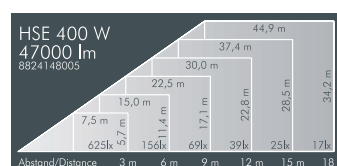
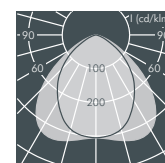
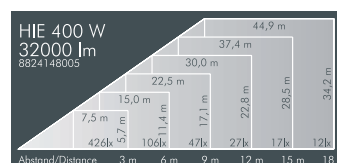
Superlight 400 W, axially symmetrical, wide beam, for elliptical shaped lamps, HIE

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 822 148 005	black	HIE 400 W lamp operating current < 3.6 A	E40	20.0 kg	87°	103°



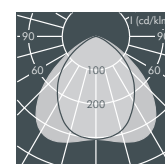
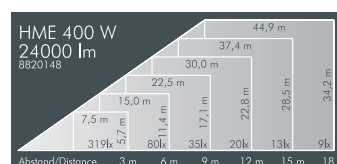
Superlight 400 W, axially symmetrical, wide beam, for elliptical shaped lamps, HIE/HSE

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 824 148 005	black	HIE 400 W HSE 400 W lamp operating current > 4.0 A	E40	20.0 kg	87°	103°



Superlight 400 W, axially symmetrical, wide beam, for elliptical shaped lamps, HME

Part number	Colour	Lamp	Lampholder	Weight	Beam angle γ	
					C 0 – 180	C 90 – 270
8 820 148 009	black	HME 400 W	E40	20.0 kg	87°	103°



Lamps (see page 364–365)

HIF



HSE



HMF



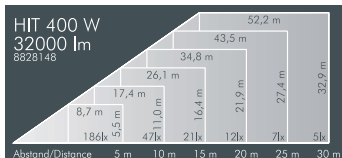
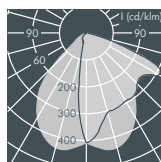
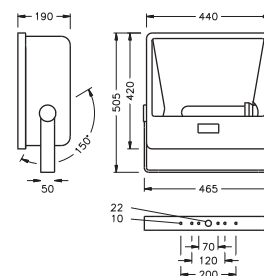
Superlight 250/400 W Asymmetrical, wide beam

For metal halide lamps (HIT) and
high pressure sodium lamps (HST)

protection class I, IP65

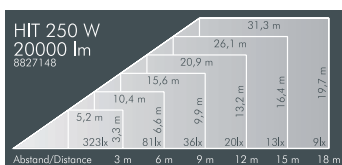
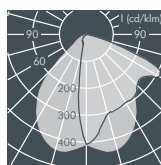
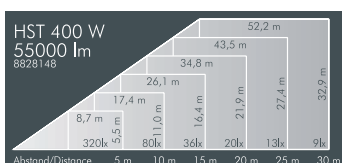
windage area AW 0.19 m²

die cast aluminium housing, polyester powder
coated, asymmetrical high gloss aluminium reflector,
all exterior steel parts are stainless steel, tempered
safety glass, silicon gasket, closure with 4 stainless
steel screws, hinged front frame, mounting bracket
powder coated aluminium with tilt scale: 6 drilled
holes Ø 10 mm, spacing 70 mm (120 mm,
200 mm), 1 centre hole Ø 22 mm, tilt range 150°,
M20 cable gland, integral LPF ballast and ignitor,
HPF available on request (see page 362),
supplied without lamp



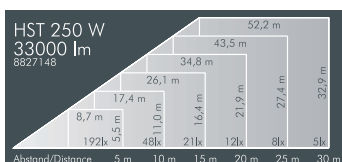
Superlight 400 W, asymmetrical, wide beam, HIT/HST

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 828 148 009	black	HIT 400 W HST 400 W	E40	20.0 kg	30°



Superlight 250 W, asymmetrical, wide beam, HIT/HST

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 827 148 009	black	HIT 250 W HST 250 W	E40	20.0 kg	30°

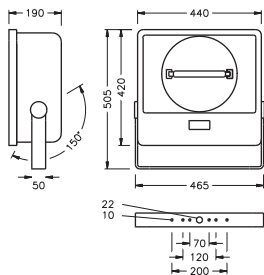


Lamps (see page 364–365)

HIT

HST



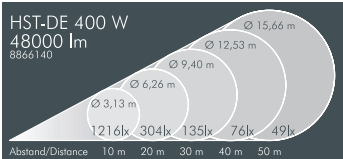
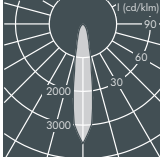
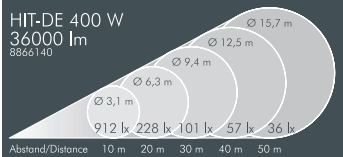


Superlight 400 W
Rotationally symmetrical, narrow beam

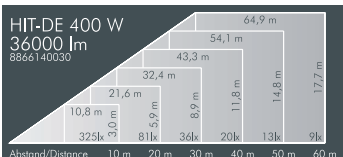
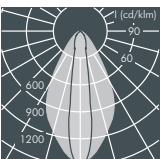
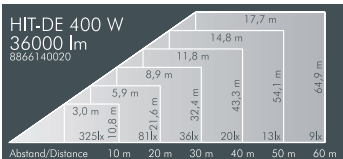
For metal halide lamps (HIT-DE) and high pressure sodium lamps (HST-DE)
protection class I, IP65    
windage area AW 0.19 m²
die cast aluminium housing, polyester powder coated, rotationally symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged front frame, mounting bracket powder coated aluminium with tilt scale: 6 drilled holes Ø 10 mm, spacing 70 mm (120 mm, 200 mm), 1 centre hole Ø 22 mm, tilt range 150°, M20 cable gland, integral LPF ballast and ignitor, HPF available on request (see page 362), supplied without lamp

Superlight 400 W, rotationally symmetrical, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 866 140 009	black	HIT-DE 400 W HST-DE 400 W	Fc2	20.0 kg	18°



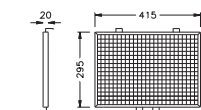
Part number	Beam direction	Description	Half beam angle γ
... .. 029	vertical	Luminaire with ribbed glass	C 0 – 180 C 90 – 270
... .. 039	horizontal	for linear beam control	17° 57°



Lamps (see page 364–365)

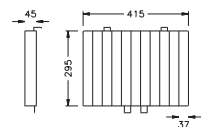
HIT-DE HST-DE



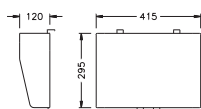


Accessories for floodlights Superlight 400 W

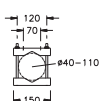
Part number	Colour	Description
128 0 311 940	black	Protection grill , stainless steel, to protect the glass from stone chip and vandalism, for mounting on front of floodlight, for retro-fitting, only one accessory per luminaire, not in combination



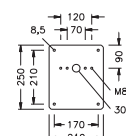
Part number	Colour	Description
128 0 310 940	black	Vertical louvre , stainless steel, to reduce lateral glare, for mounting on front of floodlight, for retro-fitting, only one accessory per luminaire, not in combination



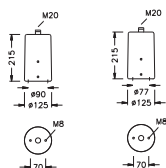
Part number	Colour	Description
128 0 309 940	black	Cowl , stainless steel, to avoid glare from 3 directions, for retro-fitting, only one accessory per luminaire, not in combination



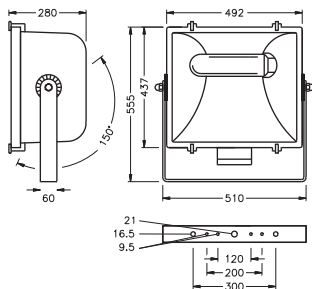
Part number	Colour	Description
120 0 240 940	black	Universal pole clamp , aluminium, polyester powder coated, stainless steel bolts, for mounting on poles $\varnothing 40-110$ mm



Part number	Colour	Description
128 0 232 940	black	Wall plate B , aluminium, polyester powder coated, for additional support on unstable surfaces



Part number	Colour	Description
		Pole top fitter , aluminium, polyester powder coated, for pole with M20 thread, for mounting one floodlight
122 0 140 940	black	for pole $\varnothing 76$ mm
122 0 150 940		for pole $\varnothing 89$ mm

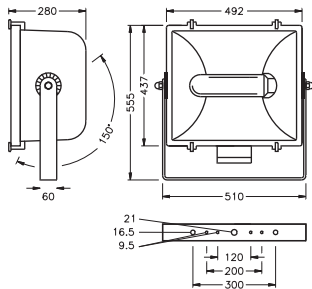
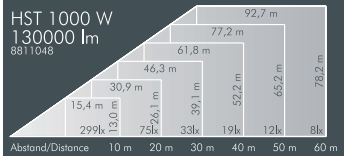
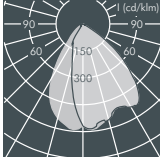
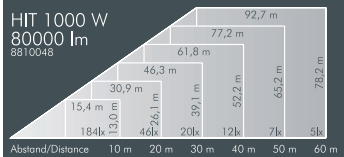


Superlight 1000 W Asymmetrical, wide beam

For metal halide lamps (HIT) and high pressure sodium lamps (HST)
protection class I, IP65
windage area AW 0.22 m²
die cast aluminium housing, polyester powder coated, asymmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged front frame, mounting bracket powder coated aluminium with tilt scale: 4 drilled holes Ø 9.5 mm, spacing 120 mm (200 mm), 2 holes Ø 16.5 mm, spacing 300 mm, 1 centre hole Ø 21 mm, tilt range 150°, M20 cable gland, integral ignitor, separate ballast required (see page 139), supplied without lamp

Superlight 1000 W, asymmetrical, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 810 048 009	black	HIT 1000 W	E40	16.7	18°
8 811 048 009		HST 1000 W			20°

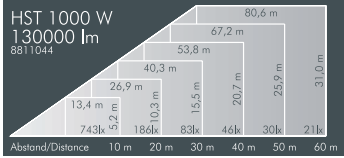
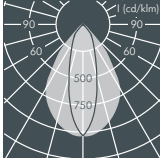
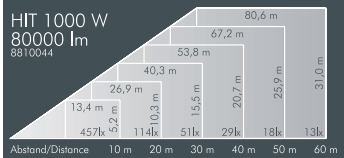


Superlight 1000 W Axially symmetrical, medium wide beam

For metal halide lamps (HIT) and high pressure sodium lamps (HST)
protection class I, IP65
windage area AW 0.22 m²
die cast aluminium housing, polyester powder coated, axially symmetrical aluminium reflector (high gloss or satin finish), all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged front frame, mounting bracket powder coated aluminium with tilt scale: 4 drilled holes Ø 9.5 mm, spacing 120 mm (200 mm), 2 holes Ø 16.5 mm, spacing 300 mm, for 1 centre hole Ø 21 mm, tilt range 150°, M20 cable gland, integral ignitor, separate ballast required (see page 139), supplied without lamp

Superlight 1000 W, axially symmetrical, medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 810 044 009	black	HIT 1000 W	E40	16.7 kg	C 0 – 180
8 811 044 009		HST 1000 W			C 90 – 270



Lamps (see page 364–365)

HIT HST



Superlight 1000 W

Rotationally symmetrical, narrow beam

For metal halide lamps (HIT-DE) 1000 W

protection class I, IP65

windage area AW 0.22 m²

die cast aluminium housing, polyester powder

coated, rotationally symmetrical high gloss

aluminium reflector, all exterior steel parts are

stainless steel, tempered safety glass, silicon gasket,

closure with 4 stainless steel screws, hinged front

frame, mounting bracket powder coated aluminium

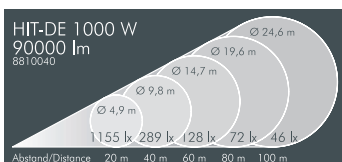
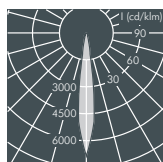
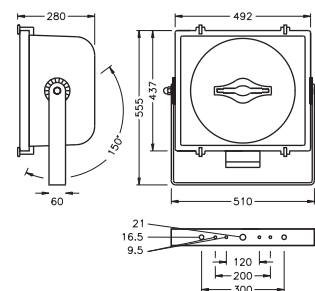
with tilt scale: 4 drilled holes Ø 9.5 mm, spacing

120 mm (200 mm), 2 drilled holes Ø 16.5 mm,

spacing 300 mm, 1 centre hole Ø 21 mm, tilt

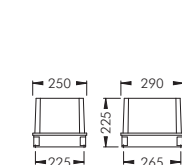
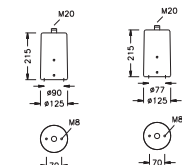
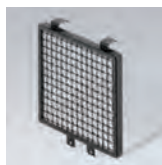
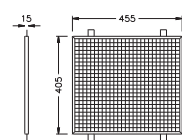
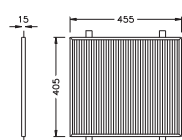
range 150°, M20 cable gland, integral ignitor,

separate ballast required, supplied without lamp



Superlight 1000 W, rotationally symmetrical, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 810 040 009	black	HIT-DE 1000 W	cabel, K12 s	16.7 kg	14°



Accessories for floodlights Superlight 1000 W, rotationally symmetrical, narrow beam

Part number	Direction	Description	Half beam angle γ	
			C 0 – 180	C 90 – 270
128 0 510 940	vertical	ribbed glass , for linear beam control, c/w frame, for retro-fitting	50°	15°
128 0 511 940	horizontal		15°	50°

Accessories for floodlights Superlight 1000 W

Part number	Colour	Description
128 0 011 940	black	Protection grill , stainless steel, to protect the glass from stone chip and vandalism, for mounting on front of floodlight, for retro-fitting, only one accessory per luminaire, not in combination

Part number	Colour	Description
122 0 140 940	black	Pole top fitter , aluminium, polyester powder coated, with M20 thread, for mounting one floodlight
122 0 150 940		for pole Ø 76 mm
		for pole Ø 89 mm

Ballasts for floodlights Superlight 1000 W, IP65

Part number	Power factor	Description
118 0 001 009	LPF	Ballast for HID-lamps 1000 W
118 0 002 009	HPF	Ballast for HID-lamps 1000 W
118 0 003 009	HPF	Ballast for HST-lamps 1000 W

Lamps (see page 364–365)

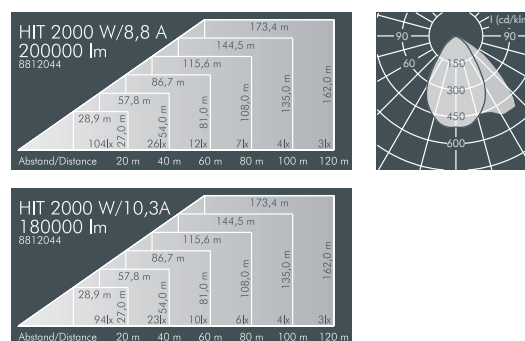
HIT-DE





die cast aluminium housing, polyester powder coated, asymmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged front frame, mounting bracket powder coated aluminium with tilt scale: 4 drilled holes Ø 9.5 mm, spacing 120 mm (200 mm), 2 holes Ø 16.5 mm, spacing 300 mm, 1 centre hole Ø 21 mm, tilt range 150°, M20 cable gland, separate ballast required, supplied without lamp

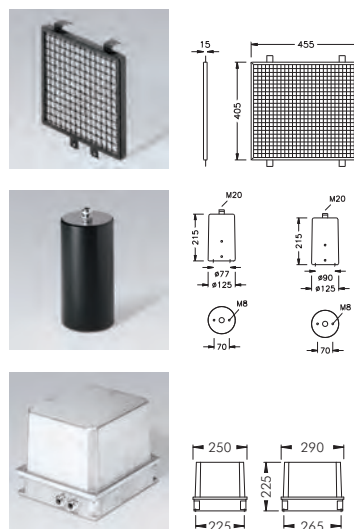
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 812 044 009	black	HIT 2000 W 380/400 V lamp operating current 8.8 A	E40	20.0 kg	40°
		HIT 2000 W 380/400 V lamp operating current 10.3 A			



Part number	Colour	Description
128 0 011 940	black	Protection grill , stainless steel, to protect the glass from stone chip and vandalism, for mounting on front of floodlight, for retro-fitting, only one accessory per luminaire, not in combination

Part number	Colour	Description
	black	Pole top fitter , aluminium, polyester powder coated, with M20 thread, for mounting one floodlight
122 0 140 940		for pole Ø 76 mm
122 0 150 940		for pole Ø 89 mm

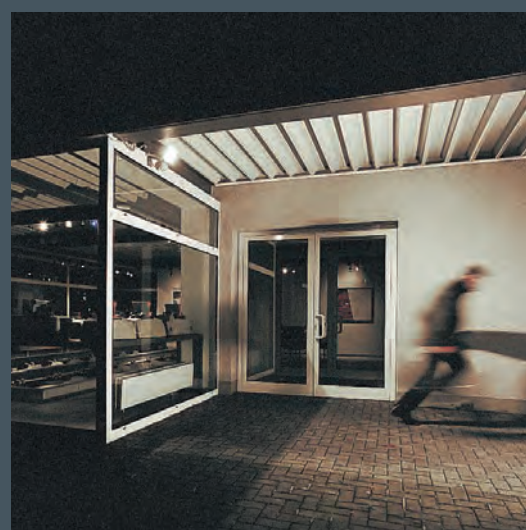
Part number	Power factor	Description
118 0 066 009	LPF	Ballast for HIT-lamps 2000 W, 380/400 V,
118 0 067 009	HPF	lamp operating current 8.8 A
118 0 076 009	LPF	Ballast for HIT-lamps 2000 W, 380/400 V,
118 0 077 009	HPF	lamp operating current 10.3 A



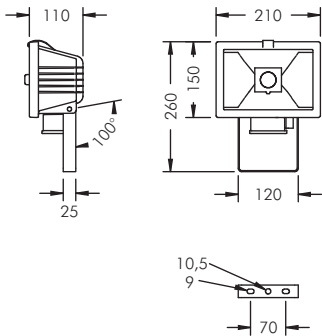
A technical drawing of a bolt head and nut assembly. The bolt head is on the left, showing a hexagonal shape with a central hole. The nut is on the right, showing a hexagonal shape with a central hole. The drawing is a cross-section view, showing the internal threads of the nut and the internal structure of the bolt head.



This range of floodlights which is equipped with a high performance LED module of the latest generation, offers the advantages of high luminous flux and low energy consumption. The well-proven housings provide optimal heat dissipation which in turn ensures longevity of the LED module. This robust LED floodlight offers the advantages of low power consumption and minimal maintenance. This makes it an economical alternative for installations where instant light is required.



These floodlights are also available with a PIR sensor. Known as Sensorlight, they are used for security lighting.

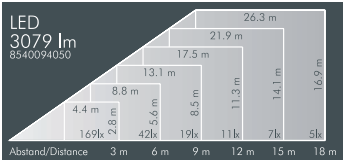
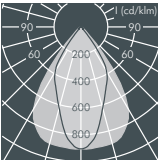
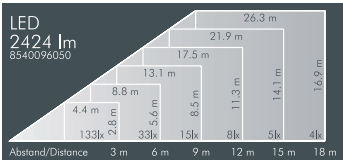


LED floodlights

With high performance LED module, protection class I, IP55   , IK07 die cast aluminium housing, unpainted or polyester powder coated, axially symmetrical highgloss reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, 1 stainless steel clamp, hinged front frame, stainless steel mounting bracket: 2 holes Ø 9 mm, spacing 70 mm, 1 centre hole Ø 10.5 mm, tilt range 100°, PG11 cable gland, integral converter

LED floodlights, wide beam

Part number	Colour	Light source	Weight	Half beam angle γ	
8 540 096 059	unpainted	1 x LED module 36 W warm white	1.6 kg	C 0 – 180	C 90 – 270
8 540 046 059	black			50°	72°
8 540 066 059	white				
Part number	Colour	Light source	Weight	Half beam angle γ	
8 540 094 059	unpainted	1 x LED module 36 W cool white	1.6 kg	C 0 – 180	C 90 – 270
8 540 044 059	black			50°	72°
8 540 064 059	white				



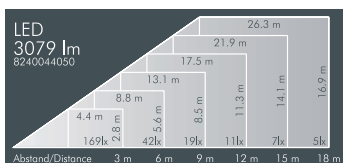
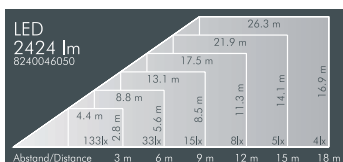
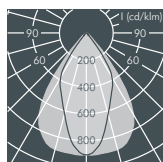
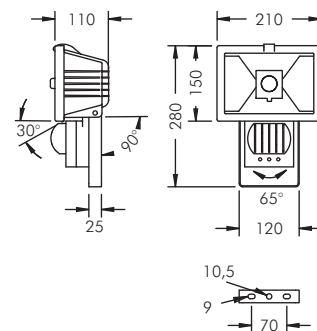
Light source

LEDs, replacement module available



LED floodlights Sensorlight with PIR sensor

With high performance LED module, protection class I, IP54  
die cast aluminium housing, polyester powder coated, axially symmetrical highgloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, stainless steel clamp, hinged front frame, mounting bracket stainless steel: 2 drilled holes Ø 9 mm, spacing 70 mm, 1 centre hole Ø 10.5 mm, complete with PIR sensor, tilt range 110°, range 12 m, built in twilight switch (manually adjustable) 5 to 300 lux, timer 12 secs. to 12 mins. and test function, tilt range of luminaire 90°, adjustment range of sensor 30° vertically, 65° horizontally, PG11 cable gland, integral converter



LED floodlights, Sensorlight, wide beam

Part number	Colour	Light source	Weight	Half beam angle γ	
8 240 046 059	black	1 x LED module 36 W warm white	1.9 kg	C 0 – 180	C 90 – 270
8 240 066 059	white			50°	72°

Part number	Colour	Light source	Weight	Half beam angle γ	
8 240 044 059	black	1 x LED module 36 W cool white	1.9 kg	C 0 – 180	C 90 – 270
8 240 064 059	white			50°	72°

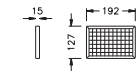
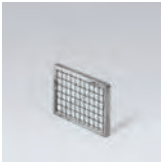
Light source

LEDs, replacement module available

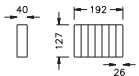


Accessories for LED floodlights

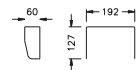
Part number	Colour	Description
125 0 184 000	unpainted	Protection grill , stainless steel, to protect the glass from stone chip and vandalism, for retro-fitting, only one accessory per luminaire, not in combination
125 0 184 940	black	
125 0 184 960	white	



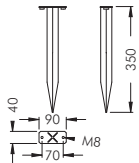
Part number	Colour	Description
125 0 183 000	unpainted	Vertical louvre , stainless steel, to reduce lateral glare, for mounting on front of floodlight, for retro-fitting, only one accessory per luminaire, not in combination
125 0 183 940	black	
125 0 183 960	white	



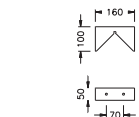
Part number	Colour	Description
135 0 427 000	unpainted	Cowl , stainless steel, to avoid glare from 3 directions, for retro-fitting, only one accessory per luminaire, not in combination
135 0 427 940	black	
135 0 427 960	white	



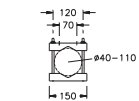
Part number	Colour	Description
129 0 390 940	black	Stainless steel earth spike , for use in landscape lighting



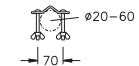
Part number	Colour	Description
125 0 197 940	black	Corner fixing bracket A , aluminium, polyester powder coated, for mounting floodlights on 90° corners
125 0 197 960	white	
125 0 197 950	silver grey	



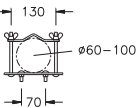
Part number	Colour	Description
120 0 240 940	black	Universal pole clamp , aluminium, polyester powder coated, stainless steel bolts, for poles Ø 40-110 mm
120 0 240 960	white	
120 0 240 950	silver grey	



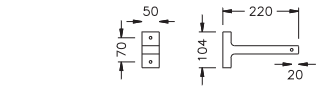
Part number	Colour	Description
125 0 145 000	unpainted	Pole clamp , hot dip galvanized steel, for mounting floodlights on pipes and poles up to Ø 60 mm



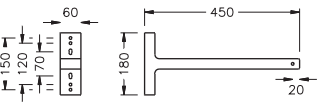
Part number	Colour	Description
125 0 146 000	unpainted	Pole clamp , hot dip galvanized steel, for mounting floodlights on pipes and poles up to Ø 100 mm



Part number	Colour	Description
125 0 160 940	black	Wall bracket 220 mm , aluminium, polyester powder coated, allows horizontal adjustment and directional aiming of luminaire
125 0 160 960	white	
125 0 160 950	silver grey	

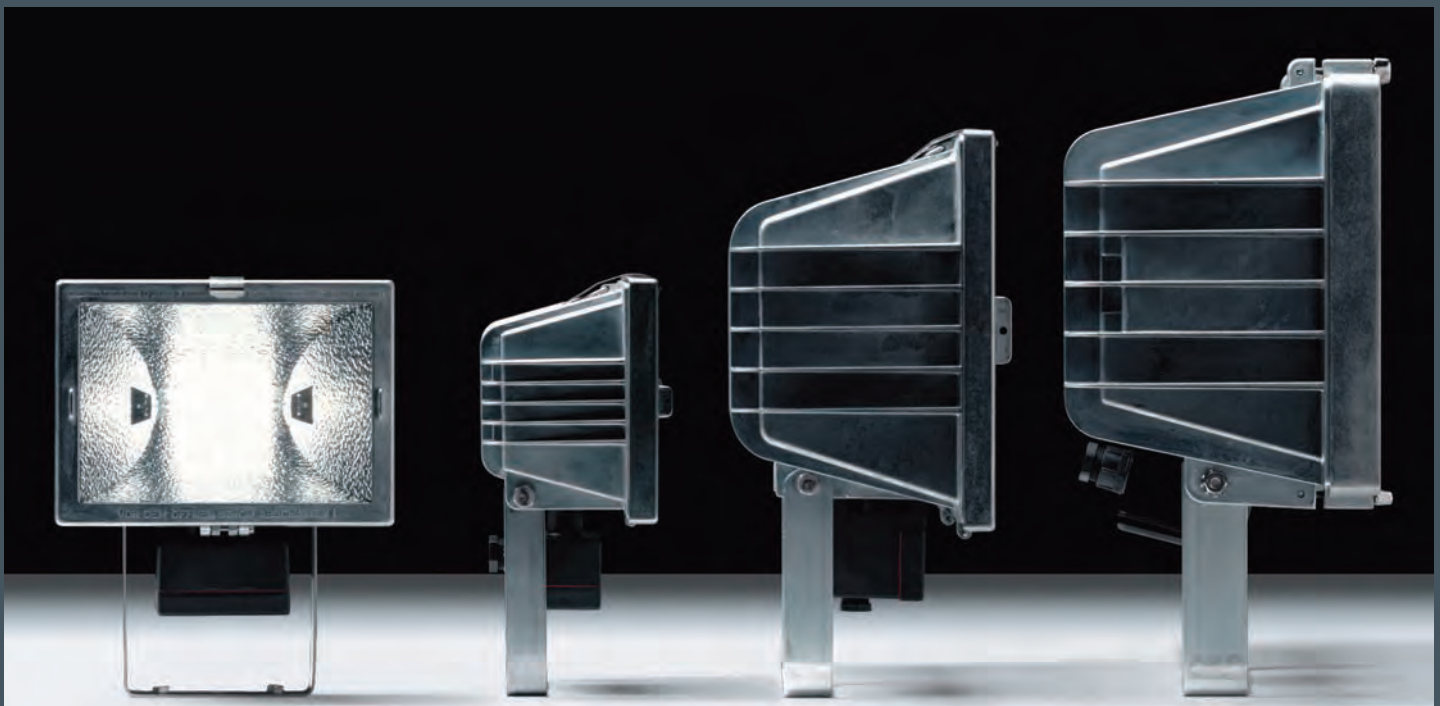


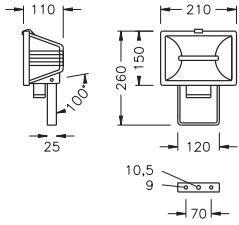
Part number	Colour	Description
128 0 294 940	black	Wall bracket 450 mm , aluminium, polyester powder coated, allows horizontal adjustment and directional aiming of luminaire
128 0 294 960	white	
128 0 294 950	silver grey	



The range of halogen floodlights sets quality standards. The exceptional thermal properties of the housings ensure extremely long lamp life. The discerning customer profits from these advantages in terms of lower maintenance and re-lamping costs. The range covers tungsten halogen lamps up to 2000 W and all protection classes.

Optimal heat dissipation is achieved by a combination of different design details: The lampholders and the reflector both have direct contact with the housing which means the heat is not retained within the fitting. Instead it is dissipated to the outside via large cooling fins.





Halogen floodlights 500 W

For halogen lamps (QT-DE 12), suitable also for lamps R7s 42V QT-DE 12, 400 W protection class I, IP65 (8 539), IP55 (8 509) IK07

Halogen floodlights 500 W, double insulated

For halogen lamps (QT-DE 12), double insulated, suitable also for lamps R7s 42V QT-DE 12, 400 W protection class II, IP65 IK07

Halogen floodlights for low voltage power supply 12/24 V

For low voltage halogen lamps (QT-12) protection class III, IP65 IK07 die cast aluminium housing, unpainted or polyester powder coated, axially symmetrical aluminium reflector with stucco finish, tempered safety glass, silicon gasket, stainless steel clamp, hinged front frame, mounting bracket stainless steel or hot dipped galvanized steel, 2 holes Ø 9 mm, spacing 70 mm, 1 centre hole Ø10.5 mm, tilt range 100°, PG 13.5 cable gland, supplied without lamp

Halogen floodlights 500 W, mounting bracket stainless steel

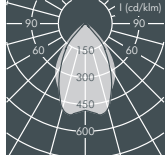
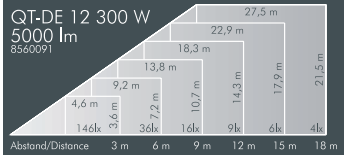
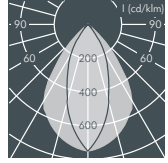
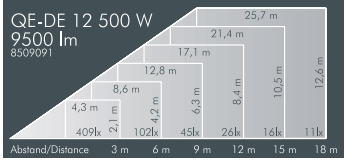
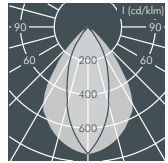
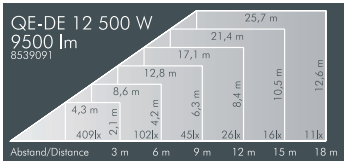
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 539 091 009	unpainted	QT-DE 12 up to 500 W	R7s	1.55 kg	34°	71°
8 539 041 009	black					
8 539 061 009	white					

Halogen floodlights 500 W, mounting bracket hot dipped galvanized steel

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 509 091 009	unpainted	QT-DE 12 up to 500 W	R7s	1.55 kg	34°	71°
8 509 041 009	black					
8 509 061 009	white					

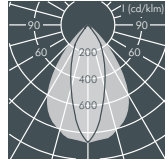
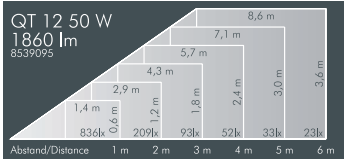
Halogen floodlights 500 W, double insulated

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 560 091 009	unpainted	QT-DE 12 up to 500 W	R7s	1.6 kg	62°	75°
8 560 041 009	black					
8 560 061 009	white					



Halogen floodlights for low voltage power supply, 12/24 V

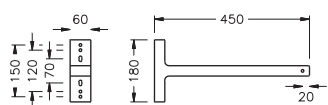
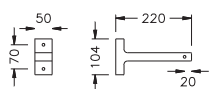
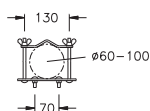
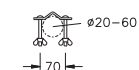
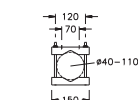
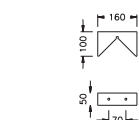
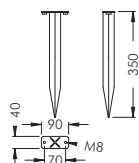
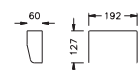
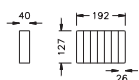
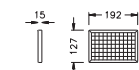
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 539 095 009	unpainted	2 x QT-12 50 W, 12 V or 2 x QT-12 up to 100 W, 24 V	GY6.35	1.6 kg	38°	75°
8 539 045 009	black					



Lamps (see page 364–365)

QT-DE 12 QT-12





Accessories for halogen floodlights 500 W and halogen floodlights for low voltage power supply, 12/24 V

Part number	Colour	Description
125 0 184 000	unpainted	Protection grill , stainless steel, to protect the glass from stone chip and vandalism, for retro-fitting, only one accessory per luminaire, not in combination
125 0 184 940	black	
125 0 184 960	white	

Part number	Colour	Description
125 0 183 000	unpainted	Vertical louvre , stainless steel, to reduce lateral glare, for mounting on front of floodlight, for retro-fitting, only one accessory per luminaire, not in combination
125 0 183 940	black	
125 0 183 960	white	

Part number	Colour	Description
135 0 427 000	unpainted	Cowl , stainless steel, to avoid glare from 3 directions, for retro-fitting, only one accessory per luminaire, not in combination
135 0 427 940	black	
135 0 427 960	white	

Part number	Colour	Description
129 0 390 940	black	Stainless steel earth spike , for use in landscape lighting

Part number	Colour	Description
125 0 197 940	black	Corner fixing bracket A , aluminium, polyester powder coated, for mounting floodlights on 90° corners
125 0 197 960	white	
125 0 197 950	silver grey	

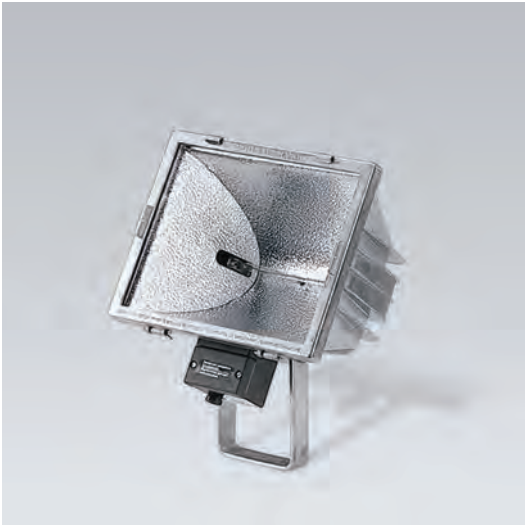
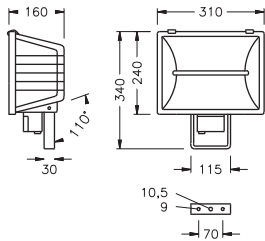
Part number	Colour	Description
120 0 240 940	black	Universal pole clamp , aluminium, polyester powder coated, stainless steel bolts, for poles Ø 40-110 mm
120 0 240 960	white	
120 0 240 950	silver grey	

Part number	Colour	Description
125 0 145 000	unpainted	Pole clamp , hot dip galvanized steel, for mounting floodlights on pipes and poles up to Ø 60 mm

Part number	Colour	Description
125 0 146 000	unpainted	Pole clamp , hot dip galvanized steel, for mounting floodlights on pipes and poles up to Ø 100 mm

Part number	Colour	Description
125 0 160 940	black	Wall bracket 220 mm , aluminium, polyester powder coated, allows horizontal adjustment and directional aiming of luminaire
125 0 160 960	white	
125 0 160 950	silver grey	

Part number	Colour	Description
128 0 294 940	black	Wall bracket 450 mm , aluminium, polyester powder coated, allows horizontal adjustment and directional aiming of luminaire
128 0 294 960	white	
128 0 294 950	silver grey	

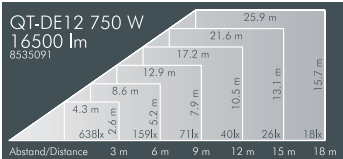
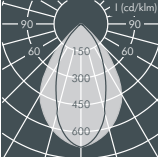
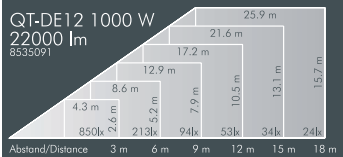


Halogen floodlight 1000 W

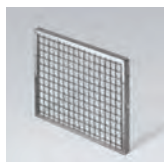
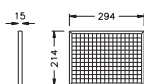
For halogen lamps (QT-DE12)
protection class I, IP55     , IK07
die cast aluminium housing, unpainted, axially
symmetrical aluminium reflector with stucco finish, all
exterior steel parts are stainless steel, tempered
safety glass, silicon gasket, 2 stainless steel clamps,
hinged front frame, mounting bracket aluminium:
2 drilled holes $\varnothing$ 9 mm, spacing 70 mm, 1 centre
hole $\varnothing$ 10.5 mm, tilt range 110°, PG11 cable
gland, supplied without lamp

Halogen floodlight 1000 W

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 535 091 009	unpainted	QT-DE 12 up to 1000 W	R7s	3.1 kg	48°	72°

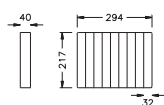


Various clamps
are available for
mounting halogen
floodlights on
poles.

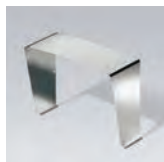
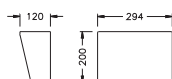


Accessories for halogen floodlights 1000 W

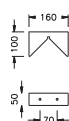
Part number	Colour	Description
125 0 177 000	unpainted	Protection grill , stainless steel, to protect the glass from stone chip and vandalism, for retro-fitting, only one accessory per luminaire, not in combination



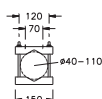
Part number	Colour	Description
125 0 171 000	unpainted	Vertical louvre , stainless steel, to reduce lateral glare, for mounting on front of floodlight, for retro-fitting, only one accessory per luminaire, not in combination



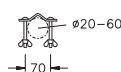
Part number	Colour	Description
135 0 412 000	unpainted	Cowl , stainless steel, to avoid glare from 3 directions, for retro-fitting, only one accessory per luminaire, not in combination



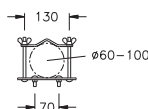
Part number	Colour	Description
125 0 197 940	black	Corner fixing bracket A , aluminium, polyester powder coated, for mounting floodlights on 90° corners
125 0 197 960	white	
125 0 197 950	silver grey	



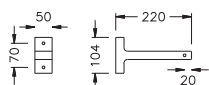
Part number	Colour	Description
120 0 240 940	black	Universal pole clamp , aluminium, polyester powder coated, stainless steel bolts, for mounting on poles Ø 40-110 mm
120 0 240 960	white	
120 0 240 950	silver grey	



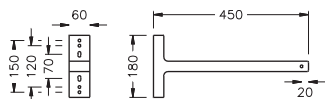
Part number	Colour	Description
125 0 145 000	unpainted	Pole clamp , hot dip galvanized steel, for mounting floodlights on pipes and poles up to Ø 60 mm



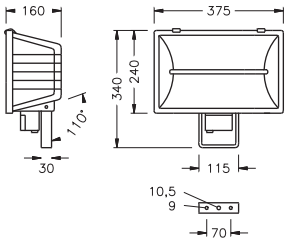
Part number	Colour	Description
125 0 146 000	unpainted	Pole clamp , hot dip galvanized steel, for mounting floodlights on pipes and poles up to Ø 100 mm



Part number	Colour	Description
125 0 160 940	black	Wall bracket 220 mm , aluminium, polyester powder coated, allows horizontal adjustment and directional aiming of luminaire
125 0 160 960	white	
125 0 160 950	silver grey	



Part number	Colour	Description
128 0 294 940	black	Wall bracket 450 mm , aluminium, polyester powder coated, allows horizontal adjustment and directional aiming of luminaire
128 0 294 960	white	
128 0 294 950	silver grey	

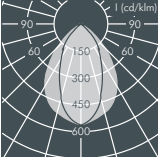
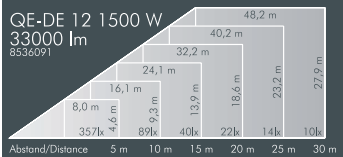


**Halogen floodlight
1500 W**

For halogen lamps (QT-DE12)
protection class I, IP55     , IK07
die cast aluminium housing, unpainted, axially
symmetrical aluminium reflector with stucco finish,
all exterior steel parts are stainless steel, tempered
safety glass, silicon gasket, 2 stainless steel clamps,
hinged front frame, mounting bracket aluminium:
2 drilled holes Ø 9 mm, spacing 70 mm, 1 centre
hole Ø 10.5 mm, tilt range 110°, PG11 cable
gland, supplied without lamp

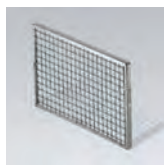
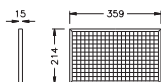
Halogen floodlight 1500 W

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 536 091 009	unpainted	QT-DE 12 1500 W	R7s	3.7 kg	50°	78°



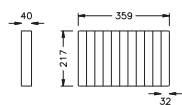
The extra large
cooling fins on
these floodlights
ensure optimal
heat dissipation.
This leads to a
substantially
longer lamp life.



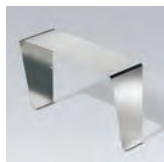
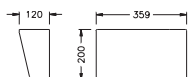


Accessories for halogen floodlights 1500 W

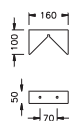
Part number	Colour	Description
125 0 178 000	unpainted	Protection grill , stainless steel, to protect the glass from stone chip and vandalism, for retro-fitting, only one accessory per luminaire, not in combination



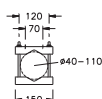
Part number	Colour	Description
125 0 172 000	unpainted	Vertical louvre , stainless steel, to reduce lateral glare, for mounting on front of floodlight, for retro-fitting, only one accessory per luminaire, not in combination



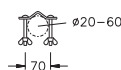
Part number	Colour	Description
135 0 413 000	unpainted	Cowl , stainless steel, to avoid glare from 3 directions, for retro-fitting, only one accessory per luminaire, not in combination



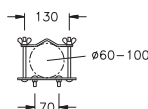
Part number	Colour	Description
125 0 197 940	black	Corner fixing bracket A , aluminium, polyester powder coated, for mounting floodlights on 90° corners
125 0 197 960	white	
125 0 197 950	silver grey	



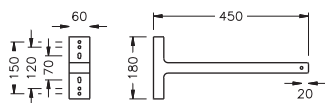
Part number	Colour	Description
120 0 240 940	black	Universal pole clamp , aluminium, polyester powder coated, stainless steel bolts, for mounting on poles Ø 40-110 mm
120 0 240 960	white	
120 0 240 950	silver grey	



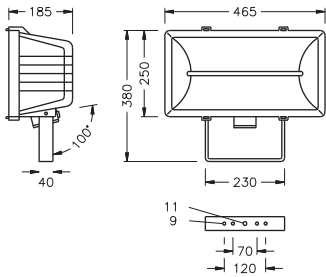
Part number	Colour	Description
125 0 145 000	unpainted	Pole clamp , hot dip galvanized steel, for mounting floodlights on pipes and poles up to Ø 60 mm



Part number	Colour	Description
125 0 146 000	unpainted	Pole clamp , hot dip galvanized steel, for mounting floodlights on pipes and poles up to Ø 100 mm



Part number	Colour	Description
128 0 294 940	black	Wall bracket 450 mm , aluminium, polyester powder coated, allows horizontal adjustment and directional aiming of luminaire
128 0 294 960	white	
128 0 294 950	silver grey	

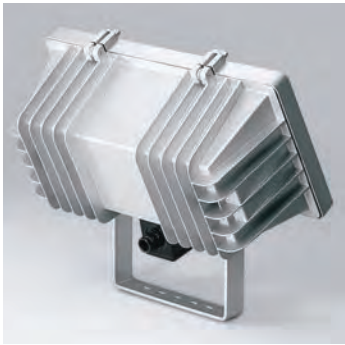
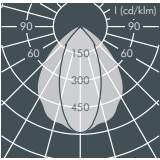
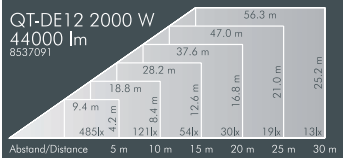


**Halogen floodlight
2000 W**

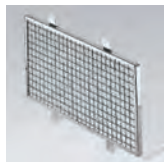
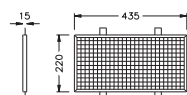
For halogen lamps (QT-DE12)
protection class I, IP55     , IK08
die cast aluminium housing, unpainted, axially
symmetrical aluminium reflector with stucco finish,
all exterior steel parts are stainless steel, tempered
safety glass, silicon gasket, closure with 4 stainless
steel screws, hinged front frame, mounting bracket
aluminium: 4 drilled holes Ø 9 mm, spacing 70 mm
(120 mm), 1 centre hole Ø 11 mm, tilt range
100°, PG13.5 cable gland, supplied without
lamp

Halogen floodlight 2000 W

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 537 091 009	unpainted	QT-DE 12 2000 W	R7s	5.7 kg	46°	86°

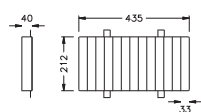


The excellent
finish and attention
to detail ensures
that the floodlights
perform well,
even under
harsh operating
conditions.

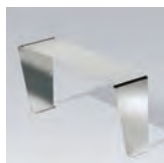
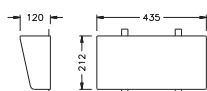


Accessories for halogen floodlights 2000 W

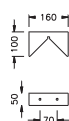
Part number	Colour	Description
125 0 179 000	unpainted	Protection grill , stainless steel, to protect the glass from stone chip and vandalism, for retro-fitting, only one accessory per luminaire, not in combination



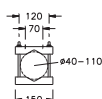
Part number	Colour	Description
125 0 154 000	unpainted	Vertical louvre , stainless steel, to reduce lateral glare, for mounting on front of floodlight, for retro-fitting, only one accessory per luminaire



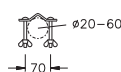
Part number	Colour	Description
125 0 259 000	unpainted	Cowl , stainless steel, to avoid glare from 3 directions, for retro-fitting, only one accessory per luminaire, not in combination



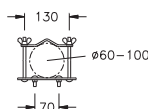
Part number	Colour	Description
125 0 197 940	black	Corner fixing bracket A , aluminium, polyester powder coated, for mounting floodlights on 90° corners
125 0 197 960	white	
125 0 197 950	silver grey	



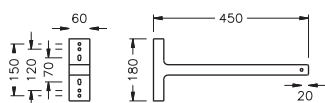
Part number	Colour	Description
120 0 240 940	black	Universal pole clamp , aluminium, polyester powder coated, stainless steel bolts, for mounting on poles Ø 40-110 mm
120 0 240 960	white	
120 0 240 950	silver grey	



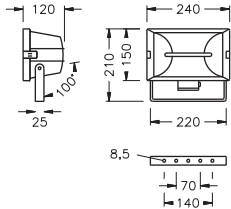
Part number	Colour	Description
125 0 145 000	unpainted	Pole clamp , hot dip galvanized steel, for mounting floodlights on pipes and poles up to Ø 60 mm



Part number	Colour	Description
125 0 146 000	unpainted	Pole clamp , hot dip galvanized steel, for mounting floodlights on pipes and poles up to Ø 100 mm



Part number	Colour	Description
128 0 294 940	black	Wall bracket 450 mm , aluminium, polyester powder coated, allows horizontal adjustment and directional aiming of luminaire
128 0 294 960	white	
128 0 294 950	silver grey	

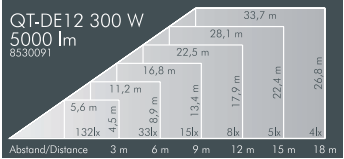
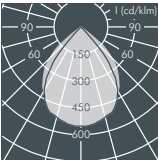
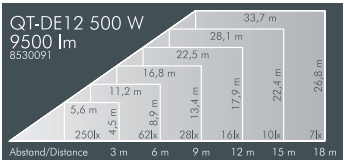


Halogen floodlights 500 W heavy duty version

For halogen lamps (QT-DE 12)
protection class I, IP54   , IK07
die cast aluminium housing, unpainted or polyester powder coated, axially symmetrical aluminium reflector with stucco finish, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, 2 stainless steel clamps, hinged front frame, mounting bracket aluminium: 4 drilled holes $\varnothing$ 8.5 mm, spacing 70 mm (140 mm), 1 centre hole $\varnothing$ 8.5 mm, tilt range 100°, PG11 cable gland, supplied without lamp

Halogen floodlights 500 W, heavy duty version

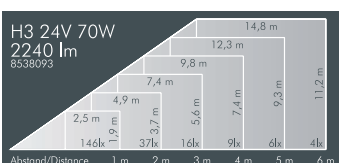
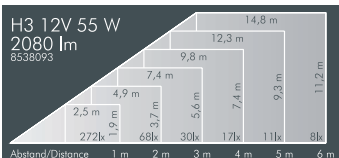
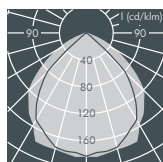
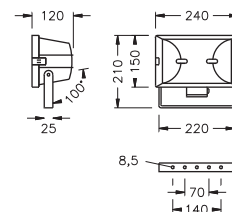
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 530 091 009	unpainted	QT-DE 12 up to 500 W	R7s	1.7 kg	C 0 – 180	C 90 – 270
8 530 041 009	black	(also for QT-DE 12 400 W lamps)				



The floodlights are made of pressure die cast aluminium castings and stainless steel parts.

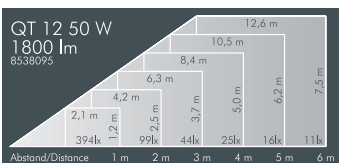
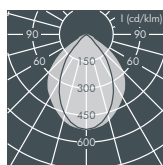
Halogen floodlight for low voltage power supply 12/24 V, heavy duty version

For low voltage halogen lamps (QT-12/H3)
protection class III $\diamond$, IP54 $\diamond$, IK07
die cast aluminium housing, unpainted or polyester
powder coated, axially symmetrical aluminium
reflector with stucco finish, all exterior steel parts are
stainless steel, tempered safety glass, silicon gasket,
2 stainless steel clamps, hinged front frame,
mounting bracket aluminium: 4 drilled holes
 $\varnothing$ 8.5 mm, spacing 70 mm (140 mm), 1 centre
hole $\varnothing$ 8.5 mm, tilt range 100°, PG11 cable
gland, supplied without lamp



Halogen floodlight for low voltage power supply 55/70 W, heavy duty version

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 538 093 009	unpainted	2 x H3 55 W, 12 V or 2 x H3 70 W, 24 V	PK22s	1.7 kg	C 0 – 180	C 90 – 270
					86°	102°



Halogen floodlights for low voltage power supply 50/150 W, heavy duty version

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 538 095 009	unpainted	2 x QT-12 50 W, 12 V or 2 x QT-12 up to 150 W, 24 V	GY6.35	1.7 kg	C 0 – 180	C 90 – 270
					66°	92°

Lamps (see page 364–365)

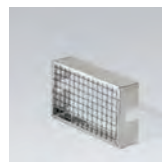
H 3

QT-12

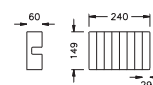


**Accessories for halogen floodlights 500 W and
halogen floodlights for low voltage power supply 12/24 V**

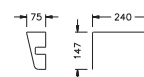
Part number	Colour	Description
125 0 176 000	unpainted	Protection grill , stainless steel, to protect the glass from stone chip and vandalism, for retro-fitting, only one accessory per luminaire, not in combination



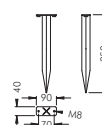
Part number	Colour	Description
125 0 093 000	unpainted	Vertical louvre , stainless steel, to reduce lateral glare, for mounting on front of floodlight, for retro-fitting, only one accessory per luminaire



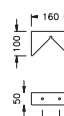
Part number	Colour	Description
125 0 258 000	unpainted	Cowl , stainless steel, to avoid glare from 3 directions, for retro-fitting, only one accessory per luminaire, not in combination



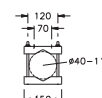
Part number	Colour	Description
129 0 390 940	black	Stainless steel earth spike , for use in landscape lighting



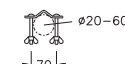
Part number	Colour	Description
125 0 197 940	black	Corner fixing bracket A , aluminium, polyester powder coated, for mounting floodlights on 90° corners
125 0 197 950	silver grey	



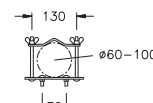
Part number	Colour	Description
120 0 240 940	black	Universal pole clamp , aluminium, polyester powder coated, stainless steel bolts, for mounting on poles Ø 40-110 mm
120 0 240 950	silver grey	



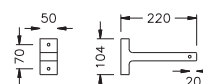
Part number	Colour	Description
125 0 145 000	unpainted	Pole clamp , hot dip galvanized steel, for mounting floodlights on pipes and poles up to Ø 60 mm



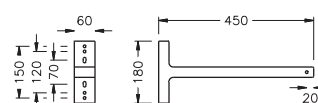
Part number	Colour	Description
125 0 146 000	unpainted	Pole clamp , hot dip galvanized steel, for mounting floodlights on pipes and poles up to Ø 100 mm



Part number	Colour	Description
125 0 160 940	black	Wall bracket 220 mm , aluminium, polyester powder coated, allows horizontal adjustment and directional aiming of luminaire
125 0 160 950	silver grey	



Part number	Colour	Description
128 0 294 940	black	Wall bracket 450 mm , aluminium, polyester powder coated, allows horizontal adjustment and directional aiming of luminaire
128 0 294 950	silver grey	

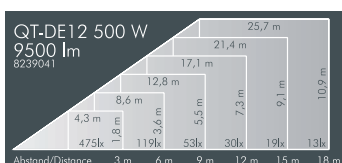
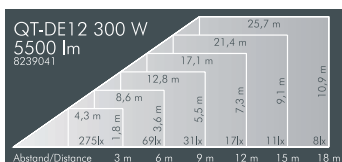
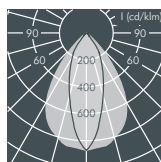
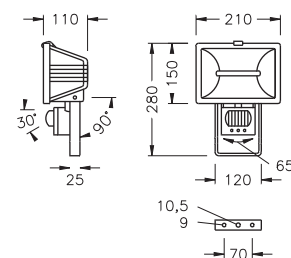


Halogen floodlights 500 W Sensorlight with PIR sensor

For halogen lamps (QT-DE12)

protection class I, IP54   

die cast aluminium housing, polyester powder coated, axially symmetrical aluminium reflector with stucco finish, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, stainless steel clamp, hinged front frame, mounting bracket stainless steel: 2 drilled holes $\varnothing$ 9 mm, spacing 70 mm, 1 centre hole $\varnothing$ 10.5 mm, complete with PIR sensor, tilt range 110° , range 12 m, built in twilight switch (manually adjustable) 5 to 300 lux, timer 12 secs. to 12 mins. and test function, tilt range of luminaire 90° , adjustment range of sensor 30° vertically, 65° horizontally, PG11 cable gland, supplied without lamp



Halogen floodlights 500 W, Sensorlight

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 239 041 009	black	QT-DE 12	R7s	1.8 kg	C 0 – 180	C 90 – 270
8 239 061 009	white	up to 500 W			34°	71°

The halogen floodlight has an integrated PIR sensor.



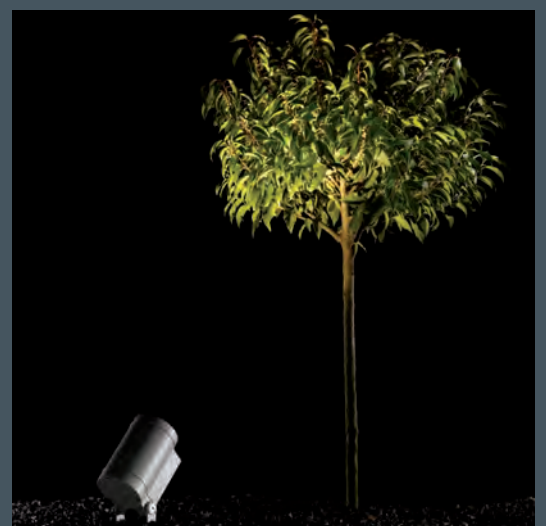


Design: Roy Fleetwood

Ecospot is a floodlight series which was designed specifically for LEDs. They offer extremely narrow beam light distribution with very little scattered light and a tightly bundled luminous flux. In this way high levels of illumination can be achieved even over greater distances. Longevity of the integrated components is ensured by highly efficient heat dissipation, despite the compact design of the luminaires.

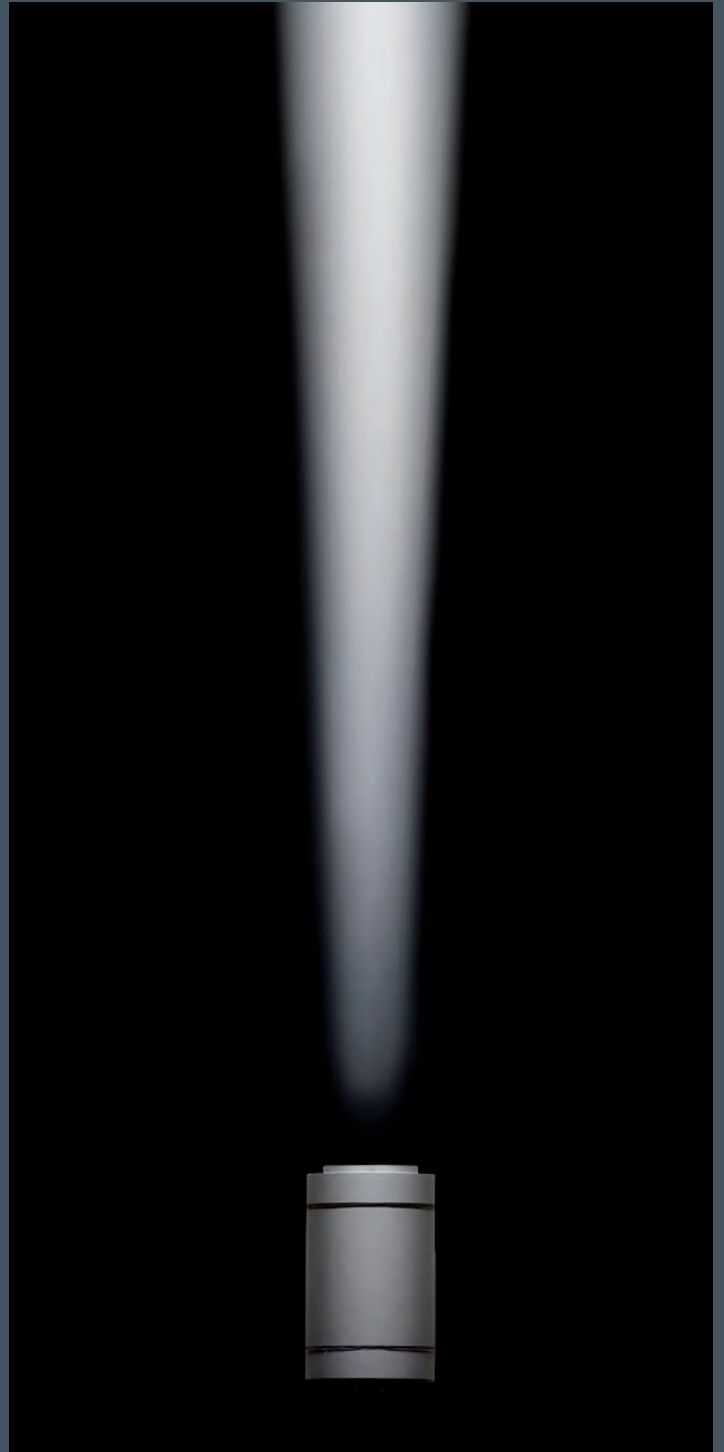
These floodlights are available in two sizes: Ecospot Mini for the highlighting of façade details and Ecospot for façade illumination over several stories.

Thanks to their precise optics and well-conceived design, Ecospot floodlights are sustainable and very economical tools for accent lighting.

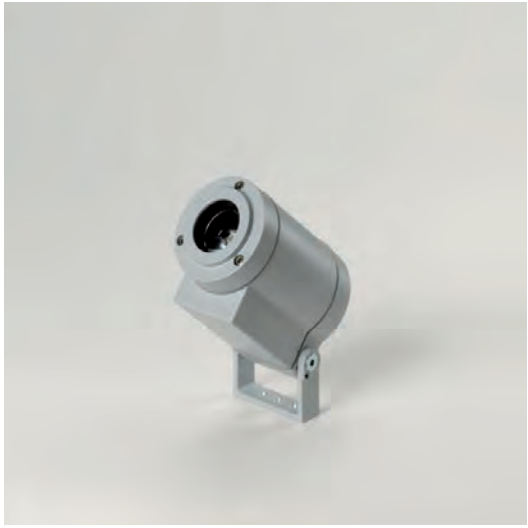
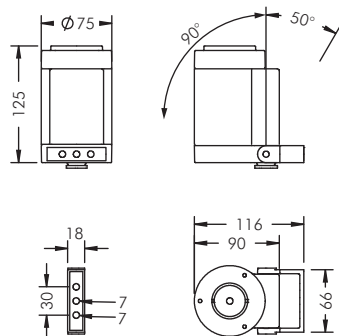


An earth spike is available when using these floodlights for landscape lighting.

The extremely narrow beam distribution of 4° or 6° makes it possible to achieve high levels of illumination even over longer distances.



A short wall arm is available as an accessory.



Ecospot Mini

With 1 x 3 W high performance LED, protection class I, IP65 , IK08 die cast aluminium housing, polyester powder coated, all exterior steel parts are stainless steel, tempered high transmission safety glass, silicon gasket, mounting bracket powder coated aluminium with tilt scale: 2 drilled holes Ø 7 mm, spacing 30 mm, 1 centre hole Ø 7 mm, tilt range 140 °, M20 cable gland, integral converter

Ecospot Mini, narrow beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 980 046 019	black	1 x LED 3 W warm white	0.8 kg	4°
8 980 066 019	white			
8 980 056 019	silver grey			

Part number	Colour	Light source	Weight	Half beam angle γ
8 980 045 019	black	1 x LED 3 W neutral white	0.8 kg	4°
8 980 065 019	white			
8 980 055 019	silver grey			

Ecospot Mini, linear beam spread, vertical

Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 980 046 029	black	1 x LED 3 W warm white	0.8 kg	24°	6°
8 980 066 029	white				
8 980 056 029	silver grey				

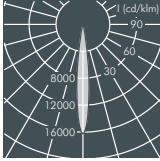
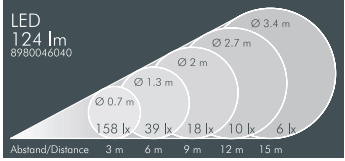
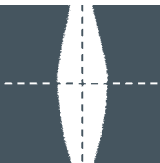
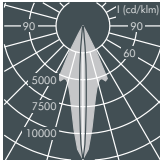
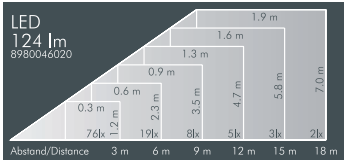
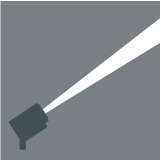
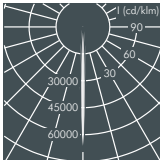
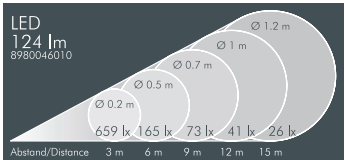
Part number	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 980 045 029	black	1 x LED 3 W neutral white	0.8 kg	24°	6°
8 980 065 029	white				
8 980 055 029	silver grey				

Part number	Description
. 039	Luminaire with linear beam spread, horizontal

Ecospot Mini, medium wide beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 980 046 049	black	1 x LED 3 W warm white	0.8 kg	13°
8 980 066 049	white			
8 980 056 049	silver grey			

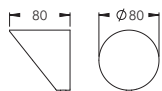
Part number	Colour	Light source	Weight	Half beam angle γ
8 980 045 049	black	1 x LED 3 W neutral white	0.8 kg	13°
8 980 065 049	white			
8 980 055 049	silver grey			



Light source

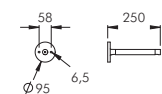
LEDs, replacement modules available



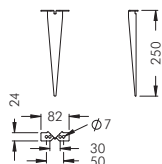


Accessories for Ecospot Mini

Part number	Colour	Description
129 0 498 940	black	Cowl
129 0 498 960	white	
129 0 498 950	silver grey	



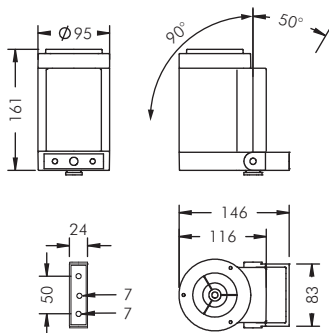
Part number	Colour	Description
129 0 500 940	black	Wall arm
129 0 500 960	white	
129 0 500 950	silver grey	



Part number	Colour	Description
129 0 502 940	black	Stainless steel earth spike
129 0 502 960	white	
129 0 502 950	silver grey	



The anti-reflective safety glass has a very high transmission value; this optimises the efficiency of the luminaire.

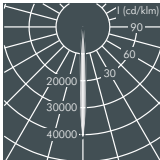
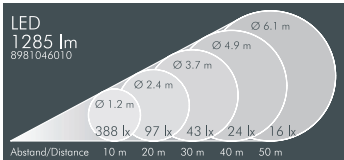


Ecospot

With 1 x high performance LED module, protection class I, IP65 , IK08 die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, radial louvre, all exterior steel parts are stainless steel, tempered high transmission safety glass, silicon gasket, mounting bracket powder coated aluminium with tilt scale: 2 drilled holes Ø 7 mm, spacing 50 mm, 1 centre hole Ø 7 mm, tilt range 140 °, M 20 cable gland, integral converter

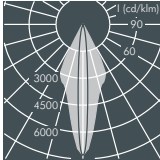
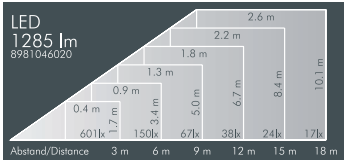
Ecospot, narrow beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 981 046 019	black	1 x LED 19 W warm white	1.4 kg	6°
8 981 066 019	white			
8 981 056 019	silver grey			

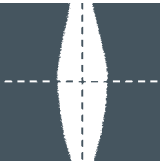
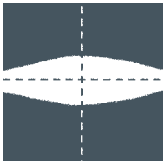


Ecospot, linear beam spread, vertical

Part number	Colour	Light source	Weight	Half beam angle γ
8 981 046 029	black	1 x LED 19 W warm white	1.4 kg	C 0 – 180
8 981 066 029	white			C 90 – 270
8 981 056 029	silver grey			

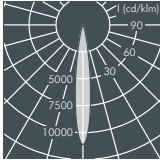
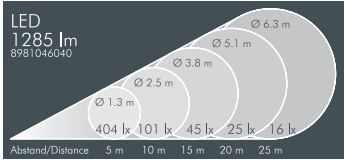


Part number	Description
... 039	Luminaire with linear beam spread, horizontal



Ecospot, medium wide beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 981 046 049	black	1 x LED 19 W warm white	1.4 kg	15°
8 981 066 049	white			
8 981 056 049	silver grey			



Light source

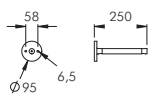
LEDs, replacement modules available



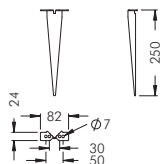


Accessories for Ecospot

Part number	Colour	Description
129 0 499 940	black	Cowl
129 0 499 960	white	
129 0 499 950	silver grey	



Part number	Colour	Description
129 0 500 940	black	Wall arm
129 0 500 960	white	
129 0 500 950	silver grey	



Part number	Colour	Description
129 0 502 940	black	Stainless steel earth spike
129 0 502 960	white	
129 0 502 950	silver grey	



The anti-reflective safety glass has excellent transmission properties.

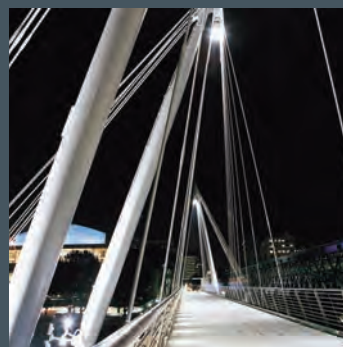
The Prondo series is a range of floodlights with rotationally symmetrical reflectors. Their design is very closely related to the lamps used in them. They are compact and offer very good thermal characteristics.



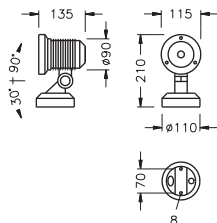


Lighting consultants Speirs and Major Associates won the Lighting Design Award 2003 for this outstanding lighting concept.

Hungerford Bridge in Central London is a footbridge linking the north and south banks of the Thames. The objective was to emphasize the spectacular architecture, at the same time ensuring security for the pedestrians using the bridge.



Hungerford Bridge, London
Architecture:
Lifschutz Davidson Ltd, London
Lighting design:
Speirs + Major Associates, London

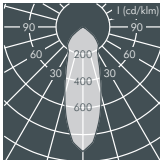
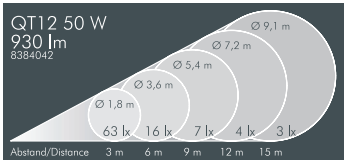


Prondo A

For low voltage halogen lamps (QT-12)
protection class I, IP65
die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 3 stainless steel screws, base can be turned through 360°, 2 drilled holes Ø 8 mm, spacing 70 mm, knuckle joint adjustable 120°, entry for recessed cable 7–10 mm, supplied without lamp

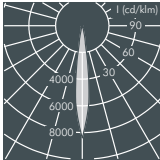
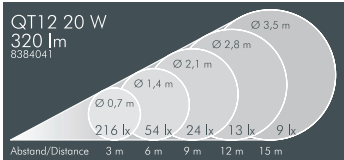
Prondo A, medium wide beam (separate transformer required)

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 384 042 009	black	QT-12 50 W, 12 V	GY 6.35	1.2 kg	34°
8 384 062 009	white				
8 384 052 009	silver grey				



Prondo A, narrow beam (integral ring transformer)

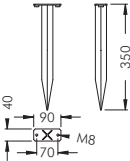
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 384 041 009	black	QT-12 20 W, 12 V	GY 6.35	1.5 kg	13°
8 384 061 009	white				
8 384 051 009	silver grey				



Accessories for Prondo A

Part number	Colour	Description
123 0 085 940	black	Cowl Ø 118 mm, stainless steel, to avoid lateral glare, for retro-fitting, only one accessory per luminaire, not in combination
123 0 085 960	white	
123 0 085 950	silver grey	

Part number	Colour	Description
123 0 225 940	black	Stainless steel earth spike , for use in landscape lighting
123 0 225 960	white	
123 0 225 950	silver grey	



Lamps (see page 364–365)

QT-12

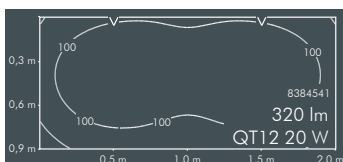
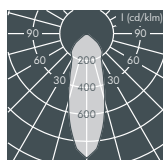
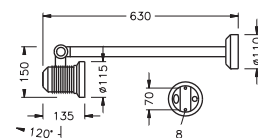


Prondo A with wall arm

For low voltage halogen lamps (QT-12)

protection class I, IP65

die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 3 stainless steel screws, wall box can be turned through 360°, 2 drilled holes Ø 8 mm, spacing 70 mm, knuckle joint with tilt range 120°, entry for recessed or surface mounted cable Ø 7–10 mm, supplied without lamp



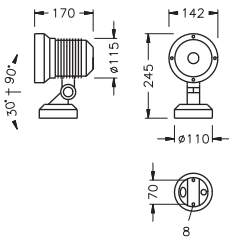
Prondo A with wall arm, medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 384 541 009	black	QT-12	GY 6.35	1.7 kg	34°
8 384 561 009	white	20 W, 12 V			
8 384 551 009	silver grey				



Accessories for Prondo A

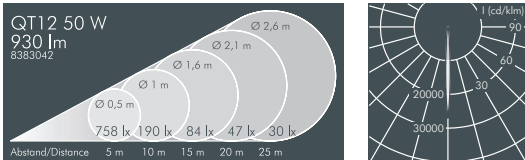
Part number	Colour	Description
123 0 085 940	black	Cowl (Ø 118 mm), stainless steel,
123 0 085 960	white	to avoid lateral glare, for mounting
123 0 085 950	silver grey	on front of floodlight



Prondo B
For low voltage halogen lamps (QT-12)
protection class I, IP65
die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, base can be turned through 360°, 2 drilled holes Ø 8 mm, spacing 70 mm, knuckle joint adjustable 120°, entry for recessed cable 7–10 mm, integral ring transformer, supplied without lamp

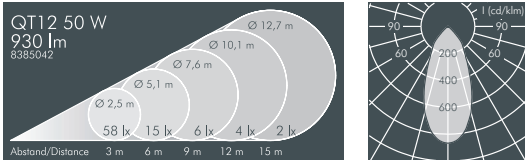
Prondo B, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 383 042 009	black	QT-12	GY 6.35	2.0 kg	6°
8 383 062 009	white	50 W, 12 V			
8 583 052 009	silver grey				



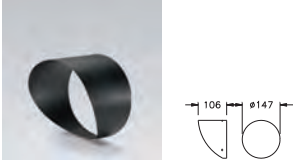
Prondo B, medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 385 042 009	black	QT-12	GY 6.35	2.0 kg	46°
8 385 062 009	white	50 W, 12 V			
8 385 052 009	silver grey				

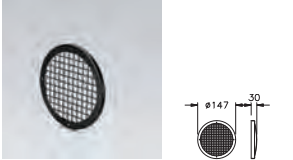


Accessories for Prondo B

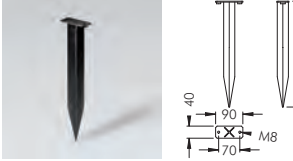
Part number	Colour	Description
123 0 084 940	black	Cowl Ø 147 mm, stainless steel, to avoid lateral glare, for retro-fitting, only one accessory per luminaire, not in combination
123 0 084 960	white	
123 0 084 950	silver grey	



Part number	Colour	Description
123 0 094 940	black	Protection grill Ø 147 mm, stainless steel, to protect the glass from stone chip and vandalism, for retro-fitting only one accessory per luminaire, not in combination
123 0 094 960	white	
123 0 094 950	silver grey	



Part number	Colour	Description
123 0 225 940	black	Stainless steel earth spike , for use in landscape lighting
123 0 225 960	white	
123 0 225 950	silver grey	



Lamps (see page 364–365)

QT-12

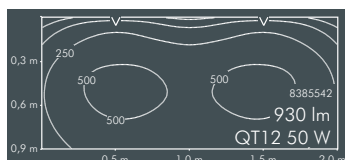
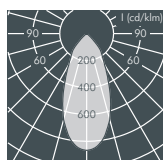
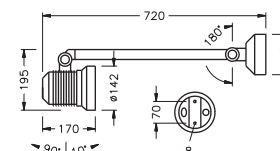


Prondo B with wall arm

For low voltage halogen lamps (QT-12)

protection class I, IP65

die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, wall box can be turned through 360°, 2 drilled holes Ø 8 mm, spacing 70 mm, knuckle joint with tilt range 100°, wall arm with tilt range 180°, entry for recessed mounted cable Ø 7–10 mm, integral ring transformer, supplied without lamp



Prondo B with wall arm, medium wide beam

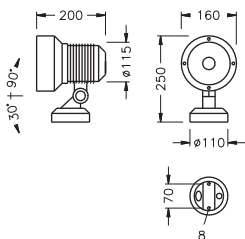
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 385 542 009	black	QT-12	GY 6.35	2.8 kg	46°
8 385 562 009	white	50 W, 12 V			
8 385 552 009	silver grey				



Accessories for Prondo B

Part number	Colour	Description
123 0 084 940	black	Cowl (Ø 147 mm), stainless steel,
123 0 084 960	white	to avoid lateral glare, for mounting,
123 0 084 950	silver grey	on front of floodlight

Part number	Colour	Description
123 0 094 940	black	Protection grill (Ø 147 mm), stainless steel,
123 0 094 960	white	to protect the glass from stone chip and vandalism,
123 0 094 950	silver grey	for mounting on front of floodlight



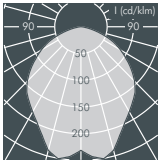
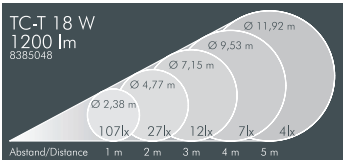
Prondo C

For compact fluorescent lamps (TC-T)
protection class I, IP65
die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, base can be turned through 360°, 2 drilled holes Ø 8 mm, spacing 70 mm, knuckle joint adjustable 120°, entry for recessed cable 7-10 mm, integral LPF ballast, supplied without lamp

Prondo C

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 385 048 009	black	TC-T 18 W	GX24d-2	2.2 kg	100°
8 385 068 009	white				
8 385 058 009	silver grey				

*Can also be supplied with electronic ballast.

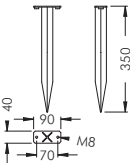
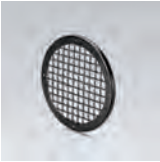
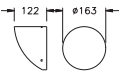


Accessories for Prondo C

Part number	Colour	Description
123 0 083 940	black	Cowl Ø 163 mm, stainless steel, to avoid lateral glare, for retro-fitting, only one accessory per luminaire, not in combination
123 0 083 960	white	
123 0 083 950	silver grey	

Part number	Colour	Description
123 0 093 940	black	Protection grill Ø 165 mm, stainless steel, to protect the glass from stone chip and vandalism, for retro-fitting
123 0 093 960	white	
123 0 093 950	silver grey	

Part number	Colour	Description
123 0 225 940	black	Stainless steel earth spike, for use in landscape lighting
123 0 225 960	white	
123 0 225 950	silver grey	



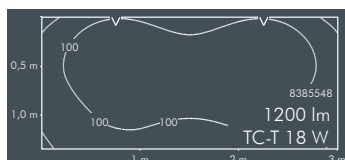
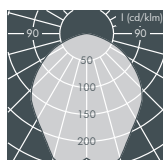
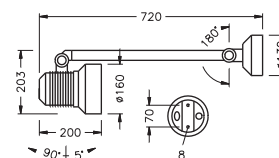
Lamps (see page 364–365)

TC-T



Prondo C with wall arm

For compact fluorescent lamps (TC-T)
 protection class I, IP65    
 die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, wall box can be turned through 360°, 2 drilled holes Ø 8 mm, spacing 70 mm, knuckle joint with tilt range 95°, wall arm with tilt range 180°, entry, for recessed mounted cable Ø 7–10 mm, integral LPF ballast, supplied without lamp



Prondo C* with wall arm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 385 548 009	black	TC-T 18 W	GX24d-2	3.0 kg	100°
8 385 568 009	white				
8 385 558 009	silver grey				

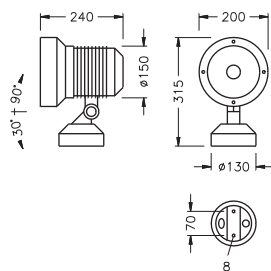
*Can also be supplied with electronic ballast.



Accessories for Prondo C

Part number	Colour	Description
123 0 083 940	black	Cowl (Ø 163 mm), stainless steel,
123 0 083 960	white	to avoid lateral glare, for mounting,
123 0 083 950	silver grey	on front of floodlight

Part number	Colour	Description
123 0 093 940	black	Protection grill (Ø 165 mm), stainless steel,
123 0 093 960	white	to protect the glass from stone chip and vandalism,
123 0 093 950	silver grey	for mounting on front of floodlight



Prondo D

For metal halide lamps (HIT), ceramic metal halide lamps (HIT-CE) and tungsten halogen lamps (QT 18) protection class I, IP65     die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, base can be turned through 360°, 2 drilled holes Ø 8 mm, spacing 70 mm, knuckle joint adjustable 120°, entry for recessed cable 7–10 mm, integral LPF ballast and ignitor where required, HPF available on request (see page 362), supplied without lamp

Prondo D

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 386 043 009	black	HIT-CE 35 W	G12	4.6 kg	6°
8 386 063 009	white				
8 386 053 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 386 045 009	black	HIT 70 W	G12	4.7 kg	6°
8 386 065 009	white	HIT-CE 70 W			
8 386 055 009	silver grey				

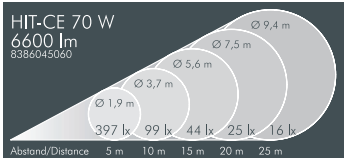
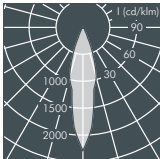
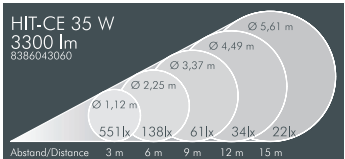
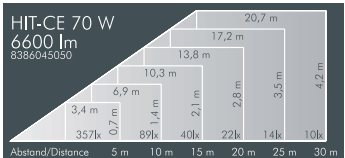
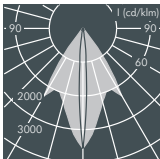
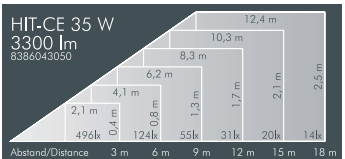
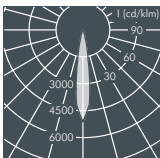
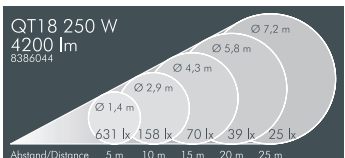
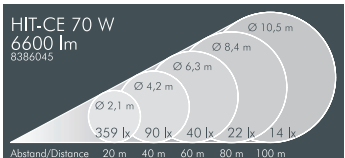
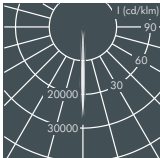
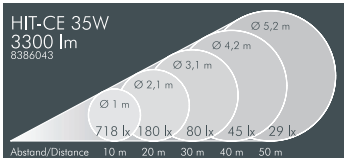
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 386 044 009	black	QT 18 250 W	B15d	4.5 kg	16°
8 386 064 009	white				
8 386 054 009	silver grey				

Luminaire with ribbed glass, for linear beam control

Part number	Lamp	Half beam angle γ	
		C 0 – 180	C 90 – 270
. 059	HIT-CE 35 W, HIT 70 W, HIT-CE 70 W	7°	65°
	QT 18 250 W	18°	69°

Luminaire with prismatic glass, for diffused light distribution

Part number	Lamp	Half beam angle γ
. 069	HIT-CE 35 W, HIT 70 W, HIT-CE 70 W	21°
	QT 18 250 W	33°



Lamps (see page 364–365)

HIT

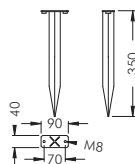


HIT-CE



QT 18





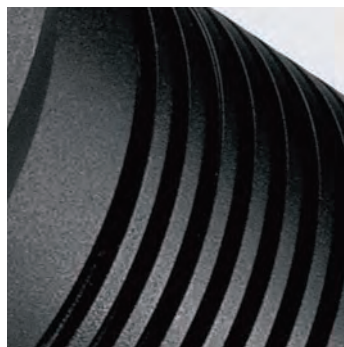
Accessories for Prondo D

Part number	Colour	Description
123 0 082 940	black	Cowl Ø 203 mm, stainless steel,
123 0 082 960	white	to avoid lateral glare, for retro-fitting,
123 0 082 950	silver grey	only one accessory per luminaire, not in combination

Part number	Colour	Description
123 0 092 940	black	Protection grill Ø 205 mm, stainless steel,
123 0 092 960	white	to protect the glass from stone chip and vandalism,
123 0 092 950	silver grey	for retro-fitting only one accessory per luminaire, not in combination

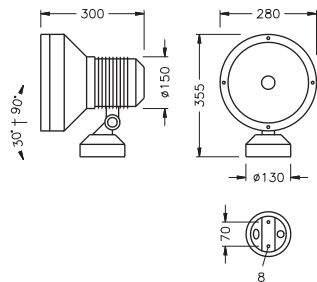
Part number	Colour	Description
123 0 225 940	black	Stainless steel earth spike,
123 0 225 960	white	for use in landscape lighting
123 0 225 950	silver grey	

All exterior parts are pressure die cast aluminium or stainless steel.



The cable runs through the water-proof knuckle joint. This offers excellent protection from damage or vandalism.





Prondo E

For high pressure mercury lamps (HME), high pressure sodium lamps (HST, HST-CE), for metal halide lamps (HIE/frosted or clear), protection class I, IP65     die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, base can be turned through 360°, 2 drilled holes Ø 8 mm, spacing 70 mm, knuckle joint adjustable 120°, entry for recessed cable 7–10 mm, integral LPF ballast and ignitor where required, HPF available on request (see page 362), supplied without lamp

Prondo E					
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 387 047 009	black	HME 50 W	E27	5.8 kg	46°
8 387 067 009	white				
8 387 057 009	silver grey				

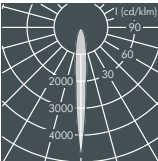
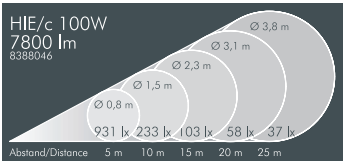
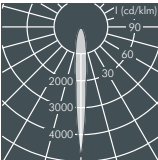
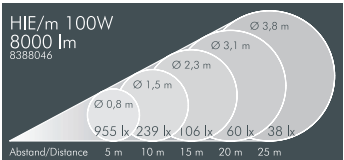
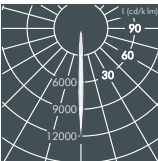
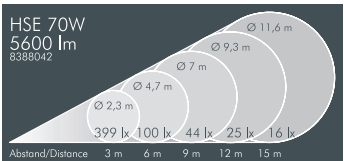
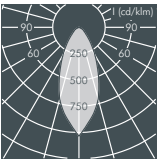
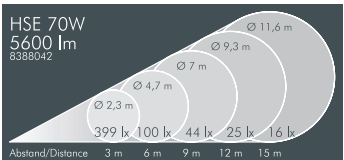
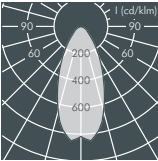
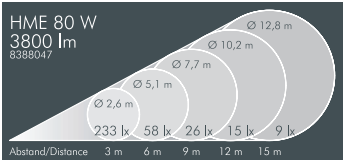
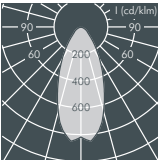
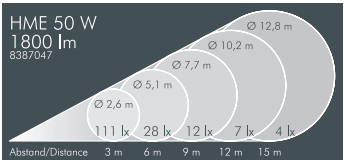
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 388 047 009	black	HME 80 W	E27	5.8 kg	46°
8 388 067 009	white				
8 388 057 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 388 042 009	black	HSE 70 W	E27	5.8 kg	42°
8 388 062 009	white				
8 388 052 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 388 042 009	black	HST 70 W	E27	5.8 kg	5°
8 388 062 009	white				
8 388 052 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 388 046 009	black	HIE 100 W/m	E27	5.8 kg	9°
8 388 066 009	white				
8 388 056 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 388 046 009	black	HIE 100 W/c	E27	5.8 kg	6°
8 388 066 009	white				
8 388 056 009	silver grey				



Lamps (see page 364–365)

HME



HSE



HIE/m

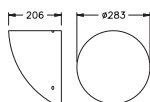


HIE/c



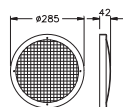
HST



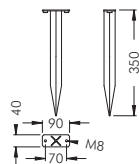


Accessories for Prondo E

Part number	Colour	Description
123 0 081 940	black	Cowl Ø 283 mm, stainless steel, to avoid lateral glare, for retro-fitting, only one accessory per luminaire, not in combination
123 0 081 960	white	
123 0 081 950	silver grey	



Part number	Colour	Description
123 0 091 940	black	Protection grill Ø 285 mm, stainless steel, to protect the glass from stone chip and vandalism, not in combination
123 0 091 960	white	
123 0 091 950	silver grey	



Part number	Colour	Description
123 0 225 940	black	Stainless steel earth spike, for use in landscape lighting
123 0 225 960	white	
123 0 225 950	silver grey	



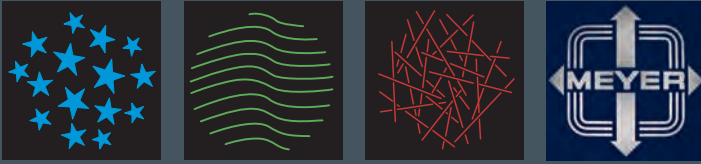
The installation is simple: after mounting the wall box, plug together the two halves of the cable connector and set the luminaire in the required position.



Design: Roy Fleetwood

Nightspot A is a series of compact floodlights for miniature metal halide lamps, low voltage reflector lamps or with LEDs. The range is very versatile: there are versions with integral or remote control gear, if required with wall arm or with integral earth spike. Various light distributions are available which can be adapted to suit individual requirements with the help of internal accessories.

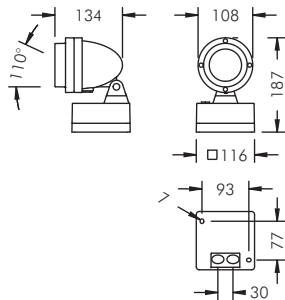
Nightspot A is also available as a gobo projector for 20 and 35 Watt miniature metal halide lamps. It is suitable for projecting sharp images and logos over a short distance. The very compact dimensions make discreet installation possible.



In addition to a series of standard gobos, individually designed gobos can also be supplied. The pattern or image in a defined file format can be used to create the gobo.

Coloured projections can be achieved using dichroic colour filters or glass gobos.





**Nightspot A,
narrow beam**

For ceramic metal halide lamps (HIT-TC-CE) and low voltage reflector lamps (QR-CB)
protection class I, IP65  , IK08
die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure by 4 stainless steel screws, wall box: 2 drilled holes Ø 7 mm, spacing 77 x 93 mm, knuckle joint with 110° tilt range, swivel range 360°, cable entry 7 – 10 mm, for recessed or surface mounted cable, integral electronic ballast or transformer, supplied without lamp

Nightspot A 20 W, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 960 041 009	black	Philips CDM-Tm 20 W	PGJ5	1.3 kg	8°
8 960 061 009	white				
8 960 051 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 962 041 009	black	General Electric	GU6.5	1.4 kg	8°
8 962 061 009	white	CMH 20 W/			
8 962 051 009	silver grey	Osram HCHT 20 W			

Nightspot A 35 W, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 961 041 009	black	Philips CDM-Tm 35 W	PGJ5	1.4 kg	9°
8 961 051 009	white				
8 961 061 009	silver grey				

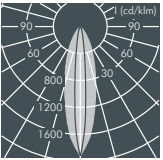
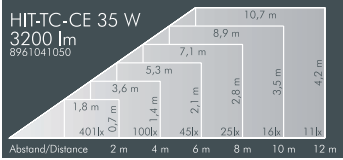
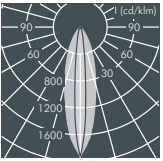
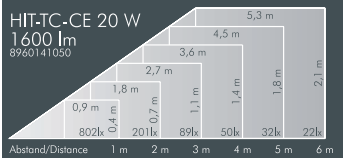
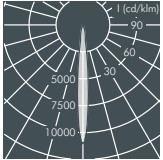
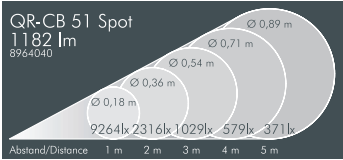
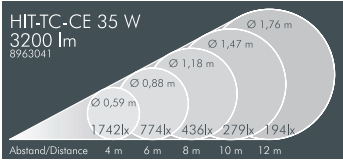
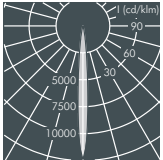
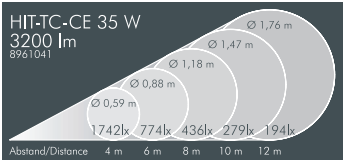
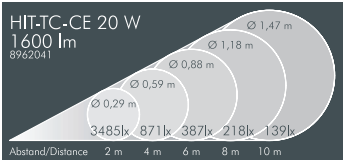
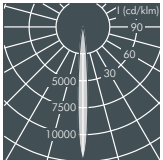
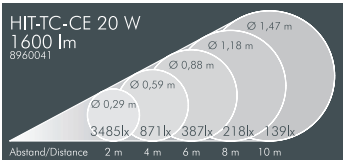
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 963 041 009	black	General Electric	GU6.5	1.4 kg	9°
8 963 061 009	white	CMH 35 W/			
8 963 051 009	silver grey	Osram HCHT 35 W			

Nightspot A, low voltage halogene 50 W, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 964 040 009	black	QR-CB 50 W	GX 5.3	1.4 kg	10°
8 964 060 009	white				
8 964 050 009	silver grey				

Luminaire with ribbed glass for linear beam spread

Part number	Lamp	Half beam angle γ
		C 0 – 180
. 059	Philips CDM-Tm 20/35 W General Electric CMH 20/35 W Osram HCHT 20/35 W QR-CB 50 W (narrow beam)	10° 28°



Lamps (see page 364–365)

HIT-TC-CE



HIT-TC-CE

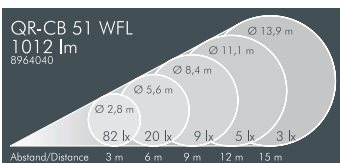
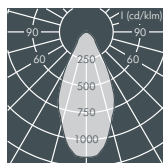
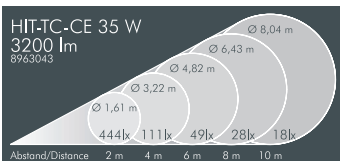
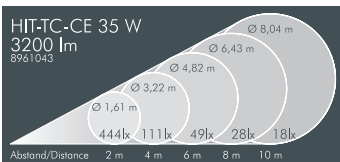
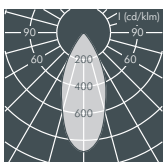
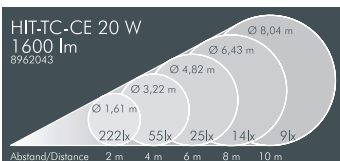
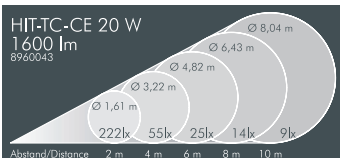
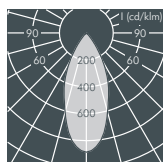
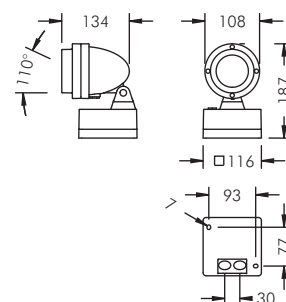


QR-CB



Nightspot A, wide beam

For ceramic metal halide lamps (HIT-TC-CE) and low voltage reflector lamps (QR-CB)
protection class I, IP65 , IK08
die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector,
all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure by 4 stainless steel screws, 2 drilled holes $\varnothing 7$ mm,
spacing 77 x 93 mm, knuckle joint with 110° tilt range, swivel range 360°, cable entry 7 – 10mm,
for recessed or surface mounted cable, integral electronic ballast or transformer, supplied without lamp



Nightspot A 20 W, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 960 043 009	black	Philips CDM-Tm 20 W	PGJ5	1.3 kg	44°
8 960 063 009	white				
8 960 053 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 962 043 009	black	General Electric	GU6.5	1.4 kg	44°
8 962 063 009	white	CMH 20 W/			
8 962 053 009	silver grey	Osram HCI-TF 20 W			

Nightspot A 35 W, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 961 043 009	black	Philips CDM-Tm 35 W	PGJ5	1.4 kg	44°
8 961 063 009	white				
8 961 053 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 963 043 009	black	General Electric	GU6.5	1.4 kg	44°
8 963 063 009	white	CMH 35 W/			
8 963 053 009	silver grey	Osram HCI-TF 35 W			

Nightspot A, low voltage halogen 50 W, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 964 040 009	black	QR-CB 50W	GX 5.3	1.4 kg	60°
8 964 060 009	white				
8 964 050 009	silver grey				

Lamps (see page 364–365)

HIT-TC-CE

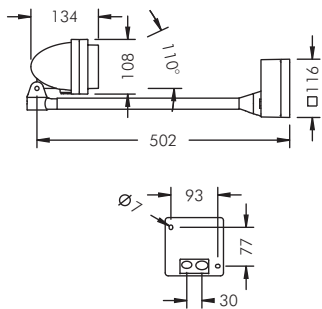


HIT-TC-CE



QR-CB



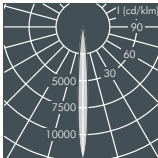
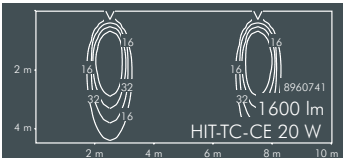


Nightspot A with wall arm, narrow beam

For ceramic metal halide lamps (HIT-TC-CE) and low voltage reflector lamps (QR-CB)
protection class I, IP65 , IK08
die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure by 4 stainless steel screws, wall box: 2 drilled holes Ø 7mm, spacing 77 x 93 mm, knuckle joint with 110° tilt range, swivel range 360°, cable entry 7 – 10 mm, for recessed or surface mounted cable, integral electronic ballast or transformer, supplied without lamp

Nightspot A with wall arm 20 W, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 960 741 009	black	Philips CDM-Tm 20 W	PGJ5	1.6 kg	8°
8 960 761 009	white				
8 960 751 009	silver grey				

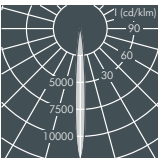
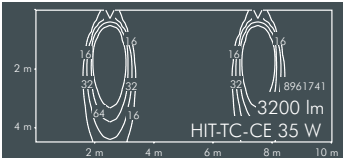


Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 962 741 009	black	General Electric CMH 20 W/ Osram HCHT 20 W	GU6.5	1.7 kg	8°
8 962 761 009	white				
8 962 751 009	silver grey				



Nightspot A with wall arm 35 W, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 961 741 009	black	Philips CDM-Tm 35 W	PGJ5	1.7 kg	9°
8 961 761 009	white				
8 961 751 009	silver grey				

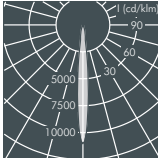
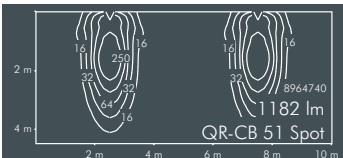


Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 963 741 009	black	General Electric CMH 35 W/ Osram HCHT 35 W	GU6.5	1.7 kg	9°
8 963 761 009	white				
8 963 751 009	silver grey				



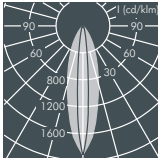
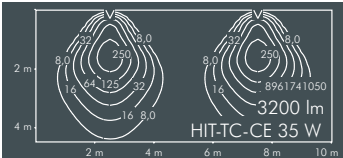
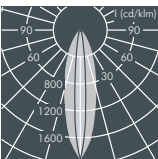
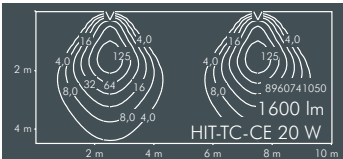
Nightspot A with wall arm, low voltage halogen 50 W, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 964 740 009	black	QR-CB 50W	GX 5.3	1.7 kg	10°
8 964 760 009	white				
8 964 750 009	silver grey				



Luminaire with ribbed glass for linear beam spread

Part number	Lamp	Half beam angle γ
... 059	Philips CDM-Tm 20/35 W	C 0 – 180
	General Electric CMH 20/35 W	C 90 – 270
	Osram HCHT 20/35 W	10°
	QR-CB 50W (narrow beam)	28°



Lamps (see page 364–365)

HIT-TC-CE



HIT-TC-CE

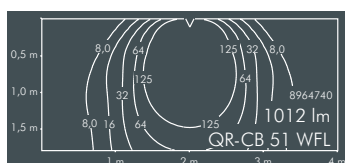
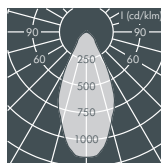
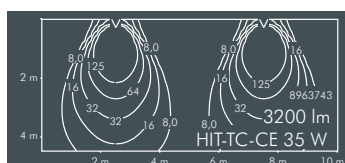
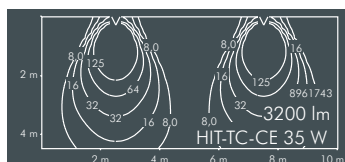
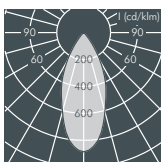
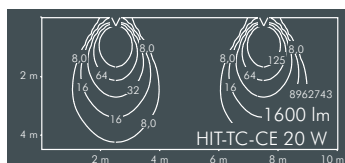
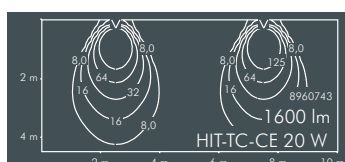
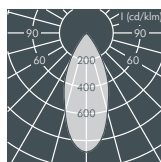
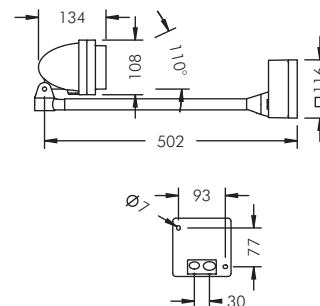


QR-CB



Nightspot A with wall arm, wide beam

For ceramic metal halide lamps (HIT-TC-CE) and low voltage reflector lamps (QR-CB) protection class I, IP65 , IK08 die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure by 4 stainless steel screws, wall box: 2 drilled holes Ø 7 mm, spacing 77 x 93 mm, knuckle joint with 110° tilt range, swivel range 360°, cable entry 7 – 10 mm, for recessed or surface mounted cable, integral electronic ballast or transformer, supplied without lamp



Nightspot A with wall arm 20 W, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 960 743 009	black	Philips CDM-Tm 20 W	PGJ5	1.6 kg	44°
8 960 763 009	white				
8 960 753 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 962 743 009	black	General Electric	GU6.5	1.7 kg	44°
8 962 763 009	white	CMH 20 W/			
8 962 753 009	silver grey	Osram HCI-TF 20 W			

Nightspot A with wall arm 35 W, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 961 743 009	black	Philips CDM-Tm 35 W	PGJ5	1.7 kg	44°
8 961 763 009	white				
8 961 753 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 963 743 009	black	General Electric	GU6.5	1.7 kg	44°
8 963 763 009	white	CMH 35 W/			
8 963 753 009	silver grey	Osram HCI-TF 35 W			

Nightspot A with wall arm, low voltage halogen 50 W, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 964 740 009	black	QR-CB 50 W	GX 5.3	1.7 kg	44°
8 964 760 009	white				
8 964 750 009	silver grey				

The luminaires with wall arm are also available without control gear and with separate control gear unit.



Lamps (see page 364–365)

HIT-TC-CE

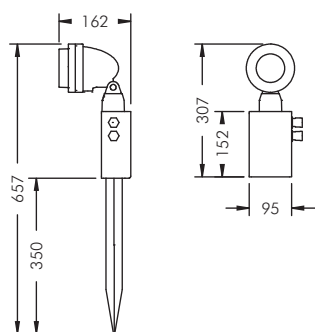


HIT-TC-CE



QR-CB





Nightspot A with earth spike, narrow beam

For ceramic metal halide lamps (HIT-TC-CE) and low voltage reflector lamps (QR-CB) protection class I, IP65 , IK08 luminaire made of die cast aluminium, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure by 4 stainless steel screws, power supply (electronic ballast or transformer) with integral stainless steel earth spike, with 2.5 M cable H05RN-F3G1 with safety plug, supplied without lamp

Nightspot A with earth spike 20 W, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 960 241 009	black	Philips CDM-Tm 20 W	PGJ5	2.4 kg	8°
8 960 261 009	white				
8 960 251 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 962 241 009	black	General Electric	GU6.5	2.5 kg	8°
8 962 261 009	white	CMH 20 W/			
8 962 251 009	silver grey	Osram HCHT 20 W			

Nightspot A with earth spike 35 W, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 961 241 009	black	Philips CDM-Tm 35 W	PGJ5	2.5 kg	9°
8 961 261 009	white				
8 961 251 009	silver grey				

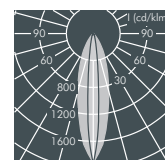
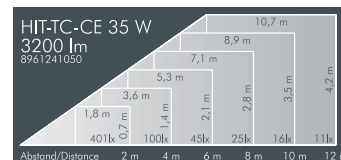
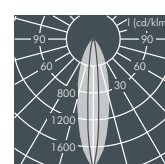
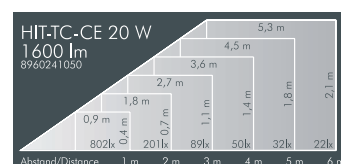
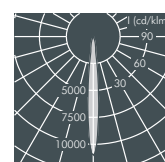
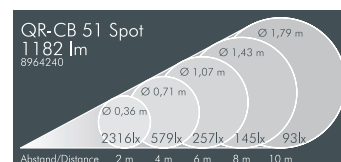
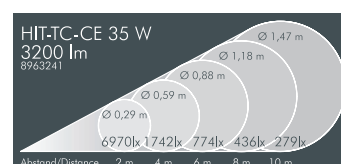
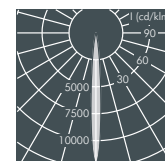
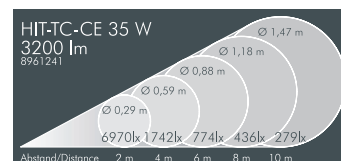
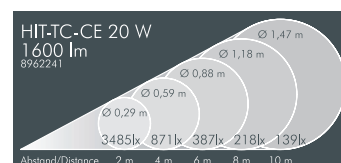
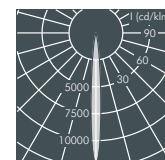
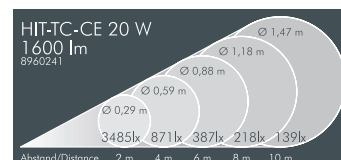
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 963 241 009	black	General Electric	GU6.5	2.5 kg	9°
8 963 261 009	white	CMH 35 W/			
8 963 251 009	silver grey	Osram HCHT 35 W			

Nightspot A with earth spike, low voltage halogen 50 W, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 964 240 009	black	QR-CB 50 W	GX 5.3	2.5 kg	10°
8 964 260 009	white				
8 964 250 009	silver grey				

Luminaire with ribbed glass for linear beam spread

Part number	Lamp	Half beam angle γ
		C 0 – 180
... 059	Philips CDM-Tm 20/35 W General Electric CMH 20/35 W Osram HCHT 20/35 W QR-CB 50 W (narrow beam)	10°
		28°



Lamps (see page 364–365)

HIT-TC-CE



HIT-TC-CE

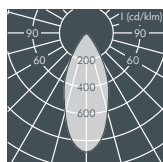
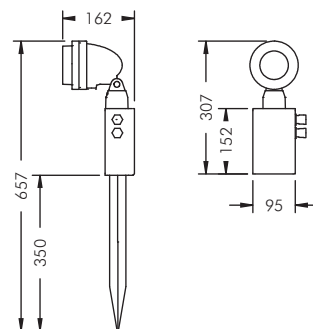


QR-CB



Nightspot A with earth spike, wide beam

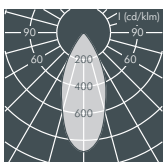
For ceramic metal halide lamps (HIT-TC-CE) and low voltage reflector lamps (QR-CB)
 protection class I, IP65 , IK08
 Luminaire made of die cast aluminium, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure by 4 stainless steel screws, power supply (electronic ballast or transformer) with integral stainless steel earth spike, with 2.5 M cable H05RN-F3G1 with safety plug, supplied without lamp



HIT-TC-CE 20 W 1600 lm 8960243	
Ø 1,61 m	Ø 3,22 m
222 lx	55 lx
25 lx	14 lx
9 lx	
Abstand/Distance	2 m 4 m 6 m 8 m 10 m



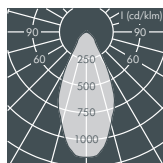
HIT-TC-CE 20 W 1600 lm 8962243	
Ø 1,61 m	Ø 3,22 m
222 lx	55 lx
25 lx	14 lx
9 lx	
Abstand/Distance	2 m 4 m 6 m 8 m 10 m



HIT-TC-CE 35 W 3200 lm 8961243	
Ø 1,61 m	Ø 3,22 m
444 lx	111 lx
49 lx	28 lx
18 lx	
Abstand/Distance	2 m 4 m 6 m 8 m 10 m



HIT-TC-CE 35 W 3200 lm 8963243	
Ø 1,61 m	Ø 3,22 m
444 lx	111 lx
49 lx	28 lx
18 lx	
Abstand/Distance	2 m 4 m 6 m 8 m 10 m



QR-CB 51 WFL 1012 lm 8964240	
Ø 2,8 m	Ø 5,6 m
82 lx	20 lx
9 lx	5 lx
3 lx	
Abstand/Distance	3 m 6 m 9 m 12 m 15 m



Nightspot A with earth spike 20 W, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 960 243 009	black	Philips CDM-Tm 20 W	PGJ5	2.4 kg	44°
8 960 263 009	white				
8 960 253 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 962 243 009	black	General Electric	GU6.5	2.5 kg	44°
8 962 263 009	white	CMH 20 W/			
8 962 253 009	silver grey	Osram HCI-TF 20 W			

Nightspot A with earth spike 35 W, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 961 243 009	black	Philips CDM-Tm 35 W	PGJ5	2.5 kg	44°
8 961 263 009	white				
8 961 253 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 963 243 009	black	General Electric	GU6.5	2.5 kg	44°
8 963 263 009	white	CMH 35 W/			
8 963 253 009	silver grey	Osram HCI-TF 35 W			

Nightspot A with earth spike, low voltage halogen 50 W, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 964 240 009	black	QR-CB 50 W	GX 5.3	2.5 kg	60°
8 964 260 009	white				
8 964 250 009	silver grey				

The earth spike is an integral part of the luminaire and ensures sturdy installation.

Lamps (see page 364–365)

HIT-TC-CE

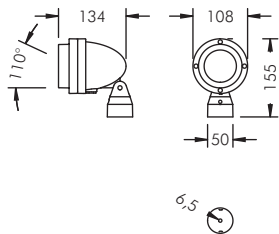


HIT-TC-CE



QR-CB





**Nightspot A
without control gear**

For ceramic metal halide lamps (HIT-TC-CE)
protection class I, IP65 , IK08
die cast aluminium housing, polyester powder
coated, rotationally symmetrical aluminium reflector,
all exterior steel parts are stainless steel, tempered
safety glass, silicon gasket, closure by 4 stainless
steel screws, base can be rotated 360°, 1 drilled
hole Ø 6.5 mm, knuckle joint with 110° tilt range,
M12 cable entry, with 0.8 M cable H05RN-F3G1,
separate control gear unit required, supplied
without lamp

Nightspot A without control gear, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 960 141 009	black	Philips CDM-Tm	PGJ5	0.7 kg	8°
8 960 161 009	white	20/35 W			
8 960 151 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 962 141 009	black	General Electric	GU6.5	0.7 kg	8°
8 962 161 009	white	CMH 20/35 W			
8 962 151 009	silver grey	Osram HCLT-F 20/35 W			

Luminaire with ribbed glass for linear beam spread

Part number	Lamp	Half beam angle γ
		C 0 – 180 C 90 – 270
. 059	Philips CDM-Tm 20/35 W General Electric CMH 20/35 W Osram HCLT-F 20/35 W QR-CB 50 W (narrow beam)	10° 28°

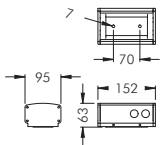
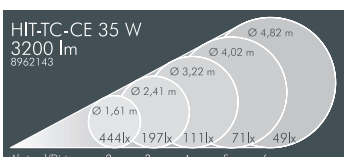
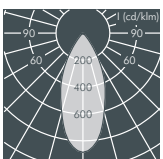
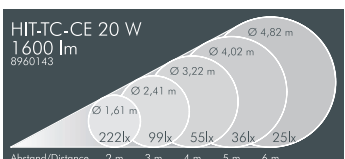
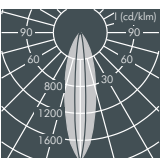
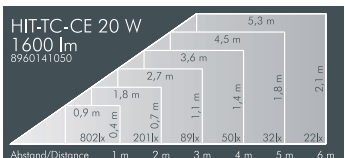
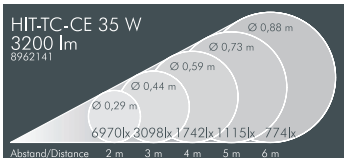
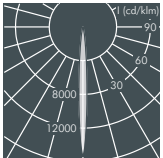
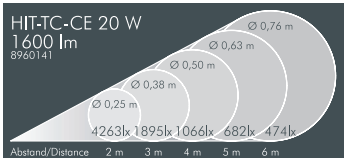
Nightspot A without control gear, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 960 143 009	black	Philips CDM-Tm	PGJ5	0.7 kg	44°
8 960 163 009	white	20/35 W			
8 960 153 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 962 143 009	black	General Electric	GU6.5	0.7 kg	44°
8 962 163 009	white	CMH 20/35 W			
8 962 153 009	silver grey	Osram HCLT-F 20/35 W			

Control gear unit

Part number	Colour	Lamp
119 0 140 009	black	Philips CDM-Tm 20 W
119 0 160 009	white	
119 0 150 009	silver grey	
119 0 141 009	black	Philips CDM-Tm 35 W
119 0 161 009	white	
119 0 151 009	silver grey	
119 0 142 009	black	General Electric CMH 20 W
119 0 162 009	white	Osram HCLT-F 20 W
119 0 152 009	silver grey	
119 0 143 009	black	General Electric CMH 35 W
119 0 163 009	white	Osram HCLT-F 35 W
119 0 153 009	silver grey	



Lamps (see page 364–365)

HIT-TC-CE

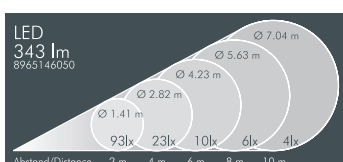
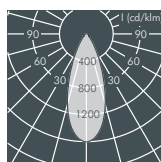
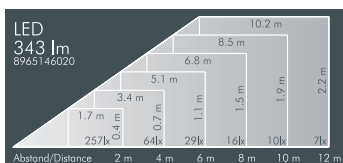
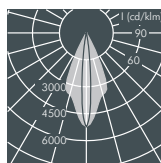
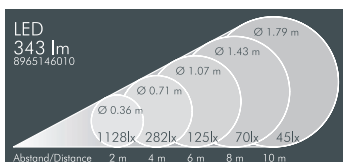
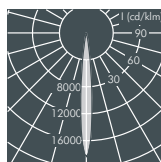
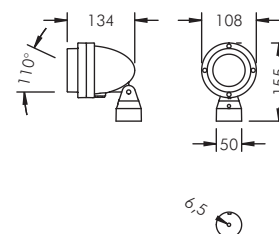


HIT-TC-CE



Nightspot A LED

Equipped with 3 x 3 W high performance LEDs, thermal monitoring device, protection class I, IP65 , IK08 die cast aluminium housing, polyester powder coated, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure by 4 stainless steel screws, base can be rotated 360°, 1 drilled hole Ø 6.5 mm, knuckle joint with 110° tilt range, with 0.8 M cable H05RN-F3G1, integral transformer and on-board driver



Nightspot A LED, narrow beam

Part number *	Colour	Light source	Weight	Half beam angle γ
8 965 146 019	black	3 x LED 3 W warm white	1.2 kg	10°
8 965 166 019	white			
8 965 156 019	silver grey			

Nightspot A LED, linear beam spread

Part number *	Colour	Light source	Weight	Half beam angle γ
				C 0 – 180 C 90 – 270
8 965 146 029	black	3 x LED 3 W warm white	1.2 kg	11°
8 965 166 029	white			46°
8 965 156 029	silver grey			

Nightspot A LED, wide beam**

Part number *	Colour	Light source	Weight	Half beam angle γ
8 965 146 059	black	3 x LED 3 W warm white	1.2 kg	40°
8 965 166 059	white			
8 965 156 059	silver grey			

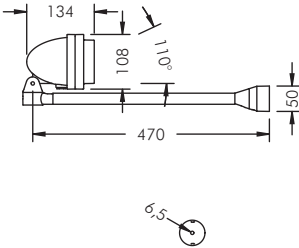
*These luminaires are also available with neutral white or monochrome coloured LEDs (amber, blue, red, green) upon request.

**These luminaires are also available with medium wide beam optics upon request.

Light source

LEDs, replacement modules available



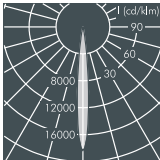
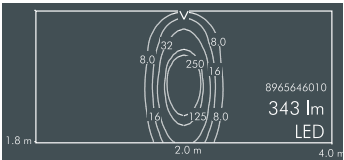


Nightspot A LED with wall arm

Equipped with 3 x 3 W high performance LEDs, thermal monitoring device, protection class I, IP65 , IK08 die cast aluminium housing, polyester powder coated, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure by 4 stainless steel screws, base can be rotated 360°, 1 drilled hole Ø 6.5 mm, knuckle joint with 110° tilt range, with 0.8 M cable H05RN-F3G1, integral transformer and on-board driver

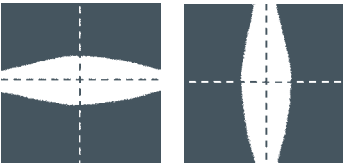
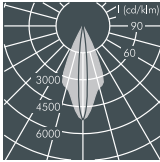
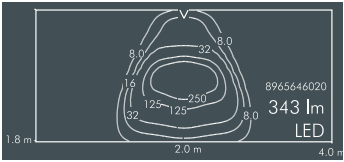
Nightspot A LED with wall arm, narrow beam

Part number*	Colour	Light source	Weight	Half beam angle γ
8 965 646 019	black	3 x LED 3 W warm white	1.5 kg	10°
8 965 666 019	white			
8 965 656 019	silver grey			



Nightspot A LED with wall arm, linear beam spread

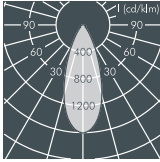
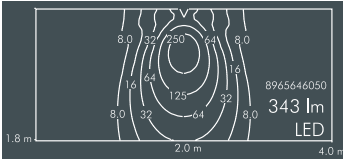
Part number*	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 965 646 029	black	3 x LED 3 W warm white	1.5 kg	11°	46°
8 965 666 029	white				
8 965 656 029	silver grey				



Nightspot A LED with wall arm, wide beam**

Part number*	Colour	Light source	Weight	Half beam angle γ
8 965 646 059	black	3 x LED 3 W warm white	1.5 kg	40°
8 965 666 059	white			
8 965 656 059	silver grey			

*These luminaires are also available with neutral white or monochrome coloured LEDs (amber, blue, red, green) upon request.
**These luminaires are also available with medium wide beam optics upon request.

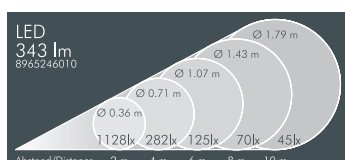
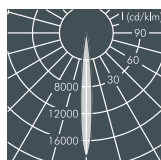
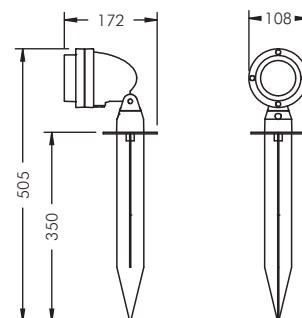


Light source
LEDs, replacement modules available



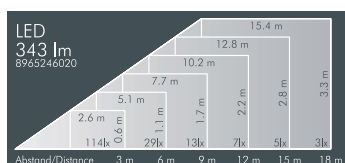
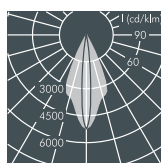
Nightspot A LED with earth spike

Equipped with 3 x 3 W high performance LEDs, thermal monitoring device, protection class I, IP65 (cable IP44), IK08 die cast aluminium housing, polyester powder coated, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure by 4 stainless steel screws, base can be rotated 360°, 1 drilled hole Ø 6.5 mm, knuckle joint with 110° tilt range, with 2.5 M cable H05RN-F3G1 and safety plug, stainless steel earthspike, integral transformer and on-board driver



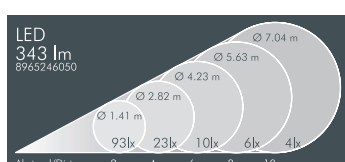
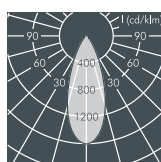
Nightspot A LED, narrow beam

Part number *	Colour	Light source	Weight	Half beam angle γ
8 965 246 019	black	3 x LED 3 W warm white	1.2 kg	10°
8 965 266 019	white			
8 965 256 019	silver grey			



Nightspot A LED, linear beam spread

Part number *	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 965 246 029	black	3 x LED 3 W warm white	1.2 kg	11°	46°
8 965 266 029	white				
8 965 256 029	silver grey				



Nightspot A LED, wide beam**

Part number *	Colour	Light source	Weight	Half beam angle γ
8 965 246 059	black	3 x LED 3 W warm white	1.2 kg	40°
8 965 266 059	white			
8 965 256 059	silver grey			

*These luminaires are also available with neutral white or monochrome coloured LEDs (amber, blue, red, green) upon request.

**These luminaires are also available with medium wide beam optics upon request.

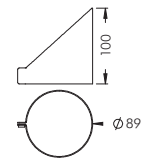
Light source

LEDs, replacement modules available

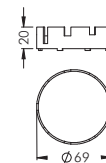


Accessories for Nightspot A

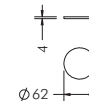
Part number	Colour	Description
129 0 399 940	black	Cowl , stainless steel, to avoid lateral glare
129 0 399 960	white	
129 0 399 950	silver grey	

**Accessories for Nightspot A 20/35 W**

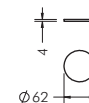
Part number	Description
129 0 429 000	Carrier ring , for internally fitted colour filters, prismatic glass or ribbed glass spreader lens



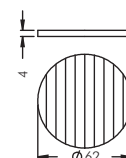
Part number	Colour	Description
129 0 401 000	yellow	Dichroic glass colour filter , internally fitted (Carrier ring 129 0 429 000 required)
129 0 407 000	red	
129 0 403 000	blue	
129 0 408 000	green	



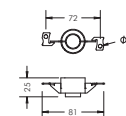
Part number	Description
129 0 400 000	Prismatic glass , to widen the beam angle (Carrier ring 129 0 429 000 required)



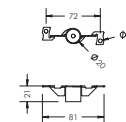
Part number	Description
129 0 405 000	Ribbed glass spreader lens , internally fitted, for linear beam distribution, continuously adjustable through 360° (Carrier ring 129 0 429 000 required)



Part number	Description
129 0 402 000	Radial louvre , internally fitted, to reduce lateral glare

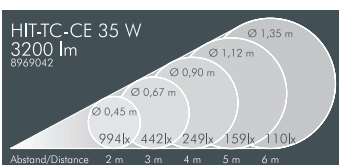
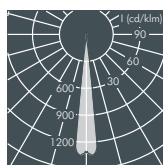
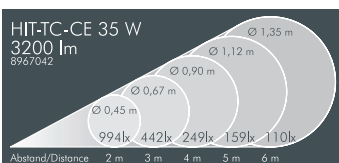
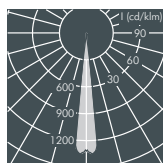
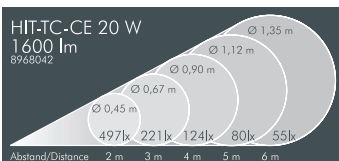
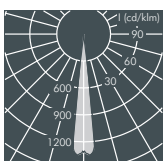
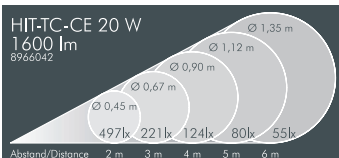
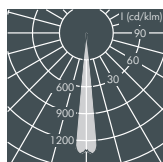
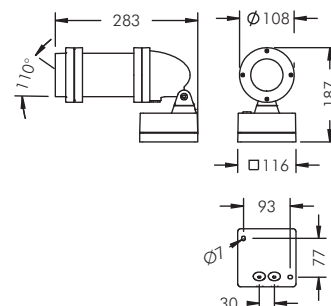


Part number	Description
129 0 404 000	Glare shield , internally fitted, to reduce light overspill



Nightspot A Gobo Projector

For ceramic metal halide lamps (HIT-TC-CE)
protection class I, IP65 , IK08
polyester powder coated, rotationally symmetrical
aluminium reflector, focusable projection lense,
carrier for gobos and colour filters, all exterior steel
parts are stainless steel, tempered safety glass,
silicon gasket, closure with 4 stainless steel screws,
mounting box: 2 drilled holes Ø 7 mm, spacing
77 x 93 mm, articulated joint and tilt range 110°,
luminaire housing can be turned through 360°,
cable entry for 7-10 mm recessed or surface
mounted cable, integral electronic ballast,
supplied without lamp



Nightspot A Gobo Projector 20 W, 85 mm focal length

Part number	Colour	Lamp	Lampholder	Weight	Beam angle
8 966 042 009	black	Philips CDM-Tm	PGJ5	2.0 kg	13°
8 966 062 009	white	20 W			
8 966 052 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Beam angle
8 968 042 009	black	General Electric	GU6.5	2.0 kg	13°
8 968 062 009	white	CMH 20 W/			
8 968 052 009	silver grey	Osram HCI-TF 20 W			

Nightspot A Gobo Projector 35 W, 85 mm focal length

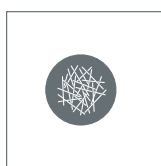
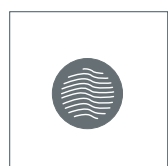
Part number	Colour	Lamp	Lampholder	Weight	Beam angle
8 967 042 009	black	Philips CDM-Tm	PGJ5	2.0 kg	13°
8 967 062 009	white	35 W			
8 967 052 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Beam angle
8 969 042 009	black	General Electric	GU6.5	2.0 kg	13°
8 969 062 009	white	CMH 35 W/			
8 969 052 009	silver grey	Osram HCI-TF 35 W			

Accessories for Nightspot A Gobo Projector 20/35 W, 85 mm focal length

Part number	Colour	Description
129 0 451 000	yellow	Dichroic colour filter, internally fitted
129 0 453 000	blue	
129 0 457 000	red	
129 0 458 000	green	

Part number	Example	Description
129 0 459 000	waves	Standard gobos
129 0 460 000	stars	
129 0 461 000	hatch	



Lamps (see page 364–365)

HIT-TC-CE



HIT-TC-CE





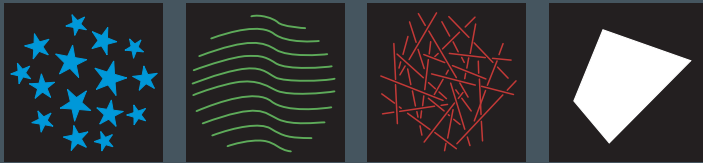
Nightspot floodlights are available with rotationally symmetrical reflectors in different sizes for metal halide lamps and with LEDs. They are characterised by very precise optics and extremely good cut off properties. With maintenance free, internally fitted accessories, these floodlights become versatile tools for lighting projects.

Design: Roy Fleetwood
2010 GOOD DESIGN AWARD

The light emitted by a high performance LED module is directed only via the surface of a reflector, with no direct light or stray light to cause glare.



Nightspot gobo projectors are designed to project sharp images and logos. The optical system can accommodate gobos (metal or glass) and colour filters simultaneously. With the help of a framer, the edges of the image can be defined and adapted to the size of the projection surface.



In addition to a series of standard gobos, individually designed gobos can also be supplied. The pattern or image in a defined file format can be used to create the gobo.

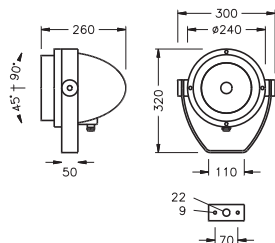
Coloured projections can be achieved using dichroic colour filters or glass gobos.

The framer makes it possible to have sharp edges around a 3 or 4 sided image.



Andreas Milsta
White, Gothenburg



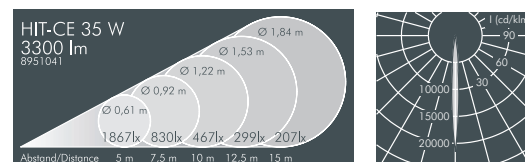


Nightspot B with mounting bracket

For metal halide lamps (HIT) and ceramic metal halide lamps (HIT-CE)
 protection class I, IP65 IK08
 windage area AW 0.05 m²
 cast aluminium housing, polyester powder coated,
 rotationally symmetrical aluminium reflector, all
 exterior steel parts are stainless steel, tempered
 safety glass, silicon gasket, closure with 4 stainless
 steel screws, mounting bracket powder coated
 aluminium with tilt scale: 2 drilled holes Ø 9 mm,
 spacing 70 mm, 1 centre hole Ø 22 mm, tilt range
 135°, M20 cable gland, integral LPF ballast and
 ignitor, HPF available (see page 362), supplied
 without lamp

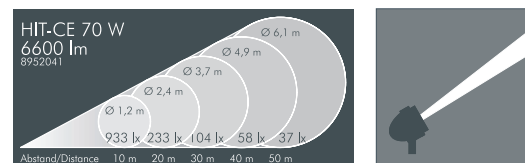
Nightspot B 35 W with mounting bracket, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 951 041 009	black	HIT-CE 35 W	G12	5.8 kg	7°
8 951 061 009	white				
8 951 051 009	silver grey				



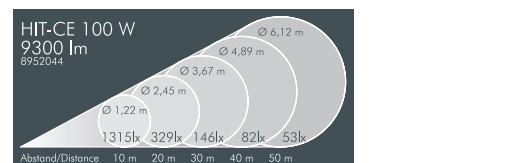
Nightspot B 70 W with mounting bracket, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 952 041 009	black	HIT 70 W	G12	6.2 kg	7°
8 952 061 009	white	HIT-CE 70 W			
8 952 051 009	silver grey				



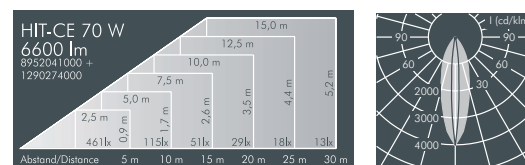
Nightspot B 100 W with mounting bracket, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 952 044 009	black	HIT-CE 100 W	G12	6.4 kg	7°
8 952 064 009	white				
8 952 054 009	silver grey				



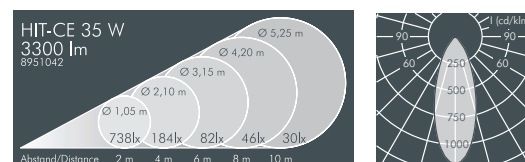
Accessories for Nightspot B 35/70/100 W, narrow beam

Part number	Description	Half beam angle γ
129 0 274 000	Ribbed glass spreader lense , internally fitted, for linear beam distribution, continuously adjustable through 360°	C 0 – 180 C 90 – 270
		8° 30°



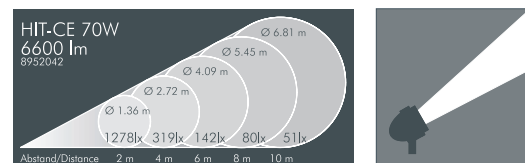
Nightspot B 35 W with mounting bracket, medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 951 042 009	black	HIT-CE 35 W	G12	5.8 kg	38°
8 951 062 009	white				
8 951 052 009	silver grey				



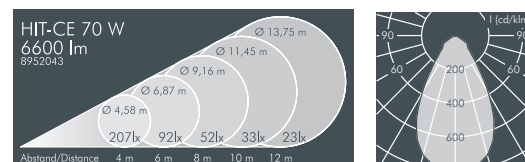
Nightspot B 70 W with mounting bracket, medium wide beam

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 952 042 009	black	HIT 70 W	G12	6.2 kg	38°
8 952 062 009	white	HIT-CE 70 W			
8 952 052 009	silver grey				



Nightspot B 70 W with mounting bracket, wide beam

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 952 043 009	black	HIT 70 W	G12	6.2 kg	60°
8 952 063 009	white	HIT-CE 70 W			
8 952 053 009	silver grey				



*These luminaires are also available for HIT-CE 100 W lamps upon request.

*These luminaires are also available for HIT-CE 35 W or 100 W lamps upon request.

Lamps (see page 364–365)

HIT

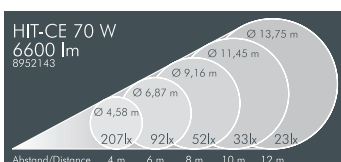
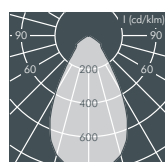
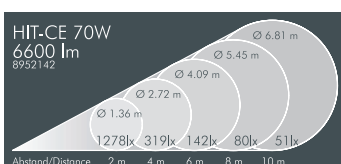
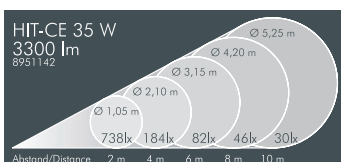
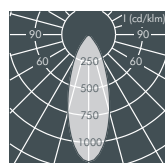
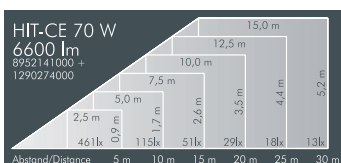
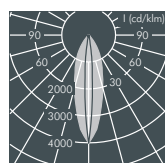
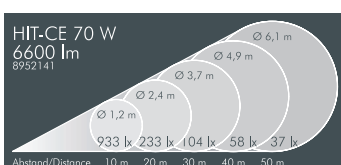
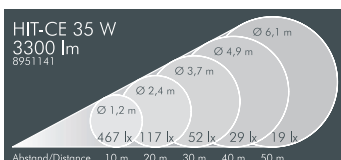
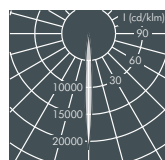
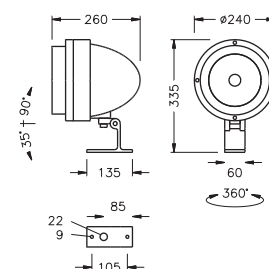


HIT-CE



Nightspot B with mounting base

For metal halide lamps (HIT) and ceramic metal halide lamps (HIT-CE)
protection class I, IP65  , IK08
windage area AW 0.05 m²
cast aluminium housing, polyester powder coated,
rotationally symmetrical aluminium reflector, all
exterior steel parts are stainless steel, tempered
safety glass, silicon gasket, closure with 4 stainless
steel screws, powder coated aluminium mounting
base adjustable: 2 drilled holes Ø 9 mm, spacing
105 mm, 1 centre hole Ø 22 mm, tilt range 125°,
swivel range 360°, M20 cable gland, integral LPF
ballast and ignitor, HPF available (see page 362),
supplied without lamp



Nightspot B 35 W with mounting base, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 951 141 009	black	HIT-CE 35 W	G12	5.6 kg	7°
8 951 161 009	white				
8 951 151 009	silver grey				

Nightspot B 70 W with mounting base, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 952 141 009	black	HIT 70 W	G12	6.0 kg	7°
8 952 161 009	white	HIT-CE 70 W			
8 952 151 009	silver grey				

Nightspot B 100 W with mounting base, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 952 144 009	black	HIT-CE 100 W	G12	6.2 kg	7°
8 952 164 009	white				
8 952 154 009	silver grey				

Accessories for Nightspot B 35/70/100 W, narrow beam

Part number	Description	Half beam angle γ
129 0 274 000	Ribbed glass spreader lense , internally fitted, for linear beam distribution, continuously adjustable through 360°	C 0 – 180 8° C 90 – 270 30°

Nightspot B 35 W with mounting base, medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 951 142 009	black	HIT-CE 35 W	G12	5.6 kg	38°
8 951 162 009	white				
8 951 152 009	silver grey				

Nightspot B 70 W with mounting base, medium wide beam

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 952 142 009	black	HIT 70 W	G12	6.0 kg	38°
8 952 162 009	white	HIT-CE 70 W			
8 952 152 009	silver grey				

*These luminaires are also available for HIT-CE 100 W lamps upon request.

Nightspot B 70 W with mounting base, wide beam

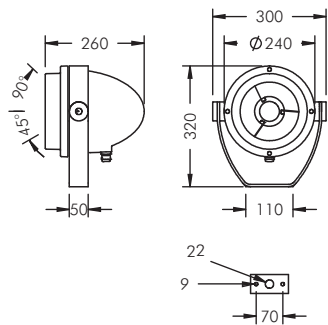
Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 952 143 009	black	HIT 70 W	G12	6.0 kg	60°
8 952 163 009	white	HIT-CE 70 W			
8 952 153 009	silver grey				

*These luminaires are also available for HIT-CE 35 W or 100 W lamps upon request.

Lamps (see page 364–365)

HIT HIT-CE





Nightspot B LED with mounting bracket

With a high performance LED module, integral temperature monitoring device protection class I, IP65 , IK08 windage area AW 0.05 m² cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, mounting bracket powder coated aluminium with tilt scale: 2 drilled holes Ø 9 mm, spacing 70 mm, 1 centre hole Ø 22 mm, tilt range 135°, M20 cable gland, integral converter

Nightspot B LED with mounting bracket, narrow beam

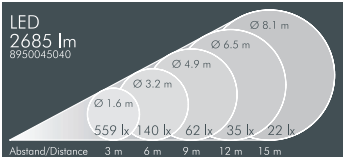
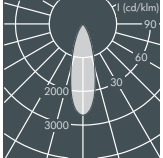
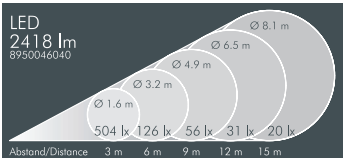
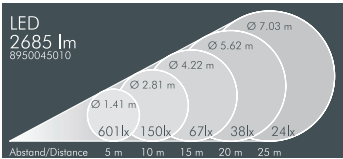
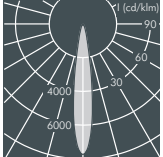
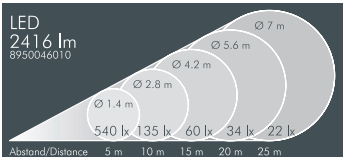
Part number	Colour	Light source	Weight	Half beam angle γ
8 950 046 019	black	1 x LED module 42 W	5.2 kg	16°
8 950 066 019	white	warm white		
8 950 056 019	silver grey			

Part number	Colour	Light source	Weight	Half beam angle γ
8 950 045 019	black	1 x LED module 42 W	5.2 kg	16°
8 950 065 019	white	neutral white		
8 950 055 019	silver grey			

Nightspot B LED with mounting bracket, medium wide beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 950 046 049	black	1 x LED module 42 W	5.2 kg	30°
8 950 066 049	white	warm white		
8 950 056 049	silver grey			

Part number	Colour	Light source	Weight	Half beam angle γ
8 950 045 049	black	1 x LED module 42 W	5.2 kg	30°
8 950 065 049	white	neutral white		
8 950 055 049	silver grey			



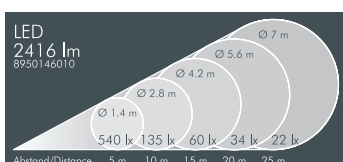
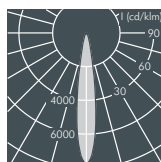
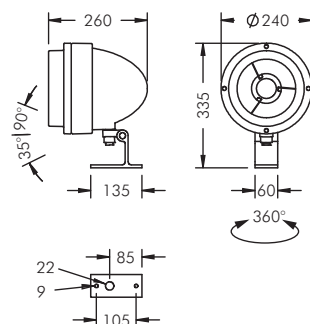
Light source

LEDs, replacement modules available



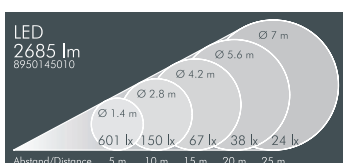
Nightspot B LED with mounting base

With a high performance LED module,
integral temperature monitoring device
protection class I, IP65 , IK08
windage area A_W 0.05 m²
cast aluminium housing, polyester powder coated,
rotationally symmetrical aluminium reflector, all
exterior steel parts are stainless steel, tempered
safety glass, silicon gasket, closure with 4 stainless
steel screws, powder coated aluminium mounting
base adjustable: 2 drilled holes Ø 9 mm, spacing
105 mm, 1 centre hole Ø 22 mm, tilt range 125°,
swivel range 360°, M20 cable gland, integral
converter

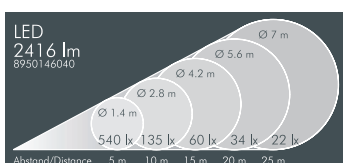
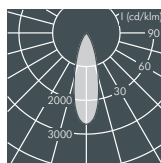


Nightspot B LED with mounting base, narrow beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 950 146 019	black	1 x LED module 42 W	5.0 kg	16°
8 950 166 019	white	warm white		
8 950 156 019	silver grey			

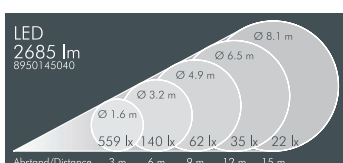


Part number	Colour	Light source	Weight	Half beam angle γ
8 950 145 019	black	1 x LED module 42 W	5.2 kg	16°
8 950 165 019	white	neutral white		
8 950 155 019	silver grey			



Nightspot B LED with mounting base, medium wide beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 950 146 049	black	1 x LED module 42 W	5.0 kg	30°
8 950 166 049	white	warm white		
8 950 156 049	silver grey			

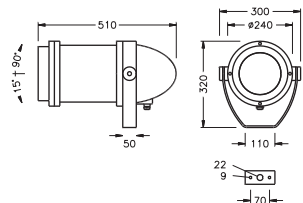


Part number	Colour	Light source	Weight	Half beam angle γ
8 950 145 049	black	1 x LED module 42 W	5.0 kg	30°
8 950 165 049	white	neutral white		
8 950 155 049	silver grey			

Light source

LEDs, replacement modules available



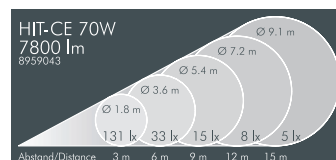


Nightspot B Gobo Projector

For ceramic metal halide lamps (HIT-CE)
protection class I, IP65  , IK08
windage area AW 0.11 m²
cast aluminium housing and aluminium profile,
polyester powder coated, rotationally symmetrical
aluminium reflector, projection lens for focusing,
holders for gobos Ø 50 mm and for colour
filters, all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket, closure with
4 stainless steel screws, powder coated aluminium
mounting bracket with tilt scale: 2 drilled holes
Ø 9 mm, spacing 70 mm, 1 centre hole Ø 22mm
tilt range 105°, M20 cable gland, integral LPF
ballast and ignitor, HPF available (see page 362),
supplied without lamp

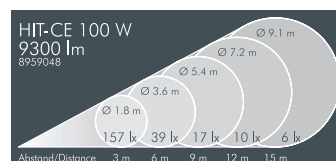
Nightspot B Gobo Projector 70 W, 63 mm focal length

Part number	Colour	Lamp	Lampholder	Weight	Beam angle
8 959 043 009	black	HIT-CE 70 W	G12	10.2 kg	32°
8 959 063 009	white				
8 959 053 009	silver grey				



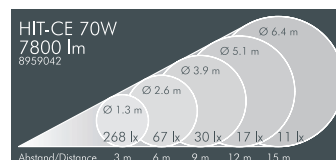
Nightspot B Gobo Projector 100 W, 63 mm focal length

Part number	Colour	Lamp	Lampholder	Weight	Beam angle
8 959 048 009	black	HIT-CE 100 W	G12	10.2 kg	32°
8 959 068 009	white				
8 959 058 009	silver grey				



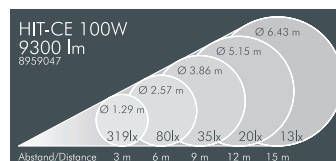
Nightspot B Gobo Projector 70 W, 85 mm focal length

Part number	Colour	Lamp	Lampholder	Weight	Beam angle
8 959 042 009	black	HIT-CE 70 W	G12	10.2 kg	24°
8 959 062 009	white				
8 959 052 009	silver grey				



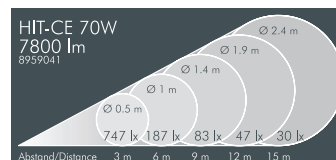
Nightspot B Gobo Projector 100 W, 85 mm focal length

Part number	Colour	Lamp	Lampholder	Weight	Beam angle
8 959 047 009	black	HIT-CE 100 W	G12	10.4 kg	24°
8 959 067 009	white				
8 959 057 009	silver grey				



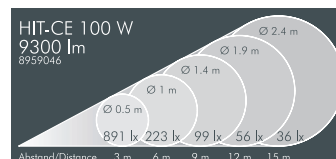
Nightspot B Gobo Projector 70 W, 150 mm focal length

Part number	Colour	Lamp	Lampholder	Weight	Beam angle
8 959 041 009	black	HIT-CE 70 W	G12	10.2 kg	14°
8 959 061 009	white				
8 959 051 009	silver grey				



Nightspot B Gobo Projector 100 W 150 mm focal length

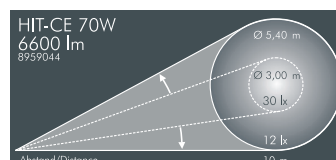
Part number	Colour	Lamp	Lampholder	Weight	Beam angle
8 959 046 009	black	HIT-CE 100 W	G12	10.2 kg	14°
8 959 066 009	white				
8 959 056 009	silver grey				



Nightspot B Gobo Projector 70 W

with zoom lense, 70 – 120 mm focal length

Part number*	Colour	Lamp	Lampholder	Weight	Beam angle
8 959 044 009	black	HIT-CE 70 W	G12	10.2 kg	17 – 30°
8 959 064 009	white				
8 959 054 009	silver grey				

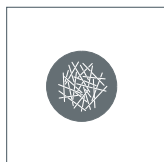
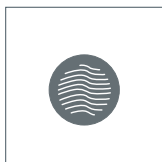
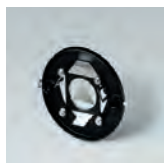
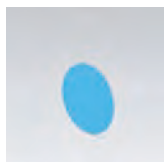


*Also available for HIT-CE 100 W lamp upon request.

Lamps (see page 364–365)

HIT-CE





Accessories for Nightspot Gobo Projectors 70/100 W,

63/85/150 mm focal length and zoom lens with focal length 70 – 120 mm

Part number	Colour	Description
129 0 551 000	yellow	Dichroic colour filter
129 0 557 000	red	
129 0 553 000	blue	
129 0 558 000	green	

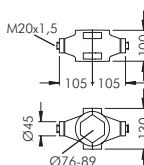
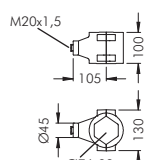
Part number	Description
129 0 257 000	Framer for sharp edges on 3 or 4-sided images

Accessories for Nightspot Gobo Projectors, 63/85/150 mm focal length

Part number	example	Description
129 0 489 000	waves	Standard gobos Ø 50 mm
129 0 490 000	stars	
129 0 491 000	hatch	

Custom made gobos can be produced from Image data in one of the following file formats: **EPS** (min. 300 dpi), **TIF** (min. 300 dpi), **JPG** (in low compression).

Max. image size D on gobo: D = 38 mm

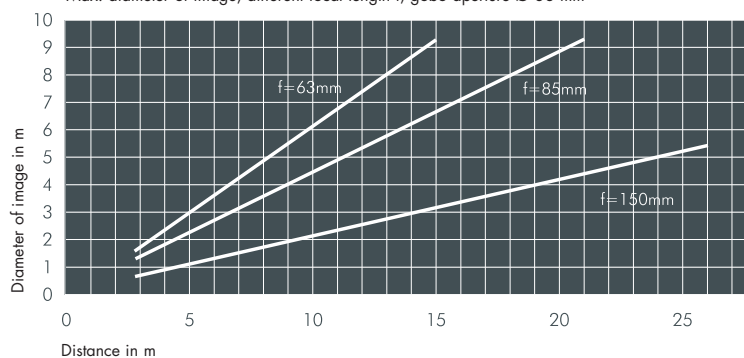


Accessories for Nightspot Gobo Projector

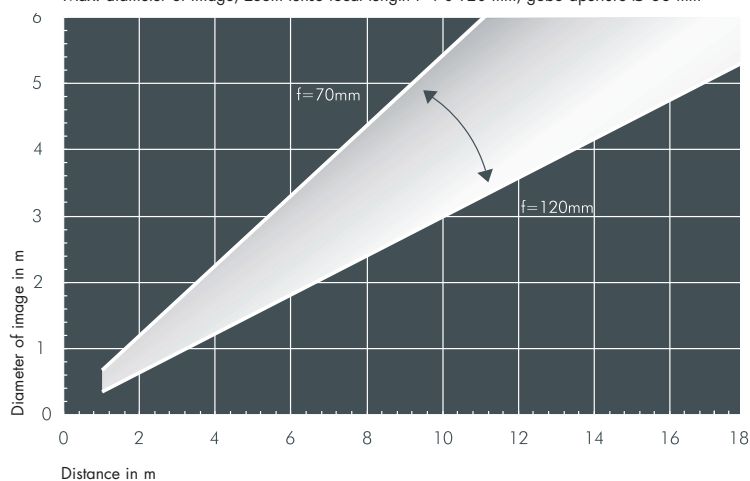
Part number	Colour	Description
119 0 035 940	black	Single pole mount adapter, aluminium, for poles Ø 76 – 89 mm
119 0 035 960	white	
119 0 035 950	silver grey	

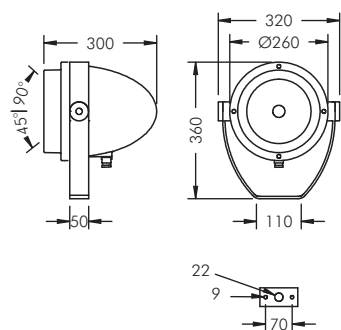
Part number	Colour	Description
119 0 036 940	black	Double pole mount adapter, aluminium, for poles Ø 76 – 89 mm
119 0 036 960	white	
119 0 036 950	silver grey	

Max. diameter of image, different focal length f, gobo aperture Ø 38 mm



Max. diameter of image, zoom lens focal length f=70-120 mm, gobo aperture Ø 38 mm





Nightspot B2, with mounting bracket (Protection class II)

For metal halide lamps (HIT) and ceramic metal halide lamps (HIT-CE)
 protection class II , IP65 , IK08
 windage area AW 0.05 m²
 cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, mounting bracket powder coated aluminium with tilt scale: 2 drilled holes Ø 9 mm, spacing 70 mm, 1 centre hole Ø 22 mm, tilt range 135°, M20 cable gland, integral LPF ballast and ignitor, HPF available (see page 362), supplied without lamp

Nightspot B2 35 W with mounting bracket, narrow beam

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 971 041 009	black	HIT-CE 35 W	G12	7.2 kg	7°
8 971 061 009	white				
8 971 051 009	silver grey				

*Luminaires for Philips Cosmopolis lamps 45 W, 60 W or 90 W in protection class I available upon request.

Nightspot B2 70 W with mounting bracket, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 973 041 009	black	HIT 70 W	G12	7.6 kg	7°
8 973 061 009	white	HIT-CE 70 W			
8 973 051 009	silver grey				

Accessories for Nightspot B2 35/70 W, narrow beam

Part number	Description	Half beam angle γ
129 0 492 000	Ribbed glass spreader lense , internally fitted, for linear beam distribution, continuously adjustable through 360°	C 0 – 180 8° C 90 – 270 30°

Nightspot B2 35 W with mounting bracket, medium wide beam

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 971 042 009	black	HIT-CE 35 W	G12	7.2 kg	38°
8 971 062 009	white				
8 971 052 009	silver grey				

*Luminaires for Philips Cosmopolis lamps 45 W, 60 W or 90 W in protection class I available upon request.

Nightspot B2 70 W with mounting bracket, medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 973 042 009	black	HIT 70 W	G12	7.6 kg	38°
8 973 062 009	white	HIT-CE 70 W			
8 973 052 009	silver grey				

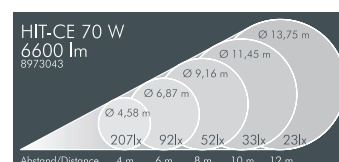
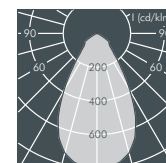
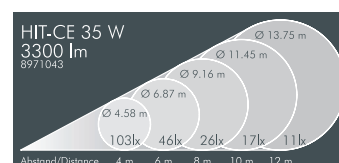
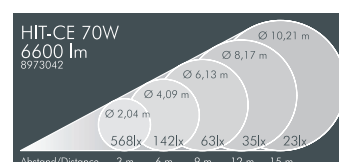
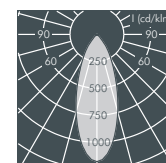
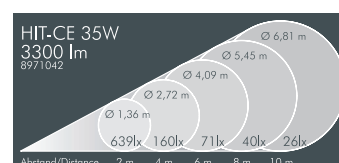
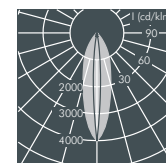
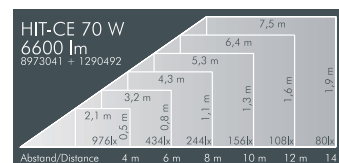
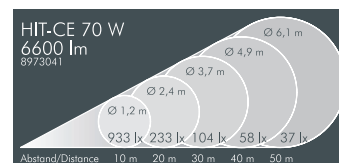
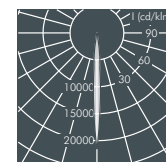
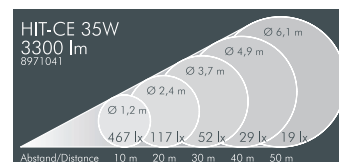
Nightspot B2 35 W with mounting bracket, wide beam

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 971 043 009	black	HIT-CE 35 W	G12	7.2 kg	60°
8 971 063 009	white				
8 971 053 009	silver grey				

*Luminaires for Philips Cosmopolis lamps 45 W, 60 W or 90 W in protection class I available upon request.

Nightspot B2 70 W with mounting bracket, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 973 043 009	black	HIT 70 W	G12	7.6 kg	60°
8 973 063 009	white	HIT-CE 70 W			
8 973 053 009	silver grey				



Lamps (see page 364–365)

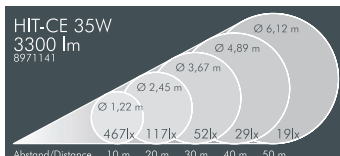
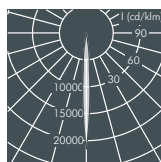
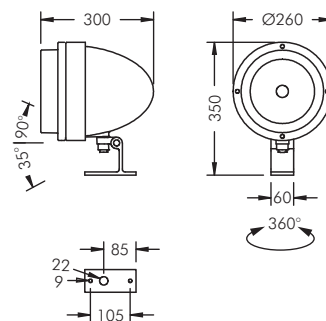
HIT

HIT-CE



Nightspot B2, with mounting base (Protection class II)

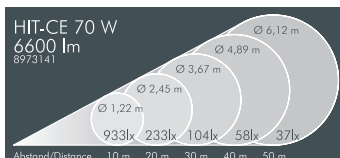
For metal halide lamps (HIT) and ceramic metal halide lamps (HIT-CE)
protection class II , IP65 , IK08
windage area A_W 0.05 m²
cast aluminium housing, polyester powder coated,
rotationally symmetrical aluminium reflector, all
exterior steel parts are stainless steel, tempered
safety glass, silicon gasket, closure with 4 stainless
steel screws, powder coated aluminium mounting
base adjustable: 2 drilled holes Ø 9 mm, spacing
105 mm, 1 centre hole Ø 22 mm, tilt range 125°,
swivel range 360°, M20 cable gland, integral LPF
ballast and ignitor, HPF available (see page 362),
supplied without lamp



Nightspot B2 35 W with mounting base, narrow beam

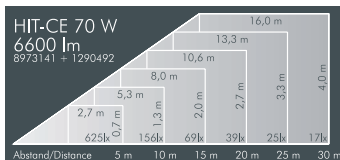
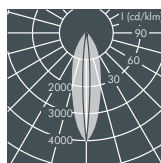
Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 971 141 009	black	HIT-CE 35 W	G12	7.0 kg	7°
8 971 161 009	white				
8 971 151 009	silver grey				

*Luminaires for Philips Cosmopolis lamps 45 W, 60 W or 90 W in protection class I available upon request.



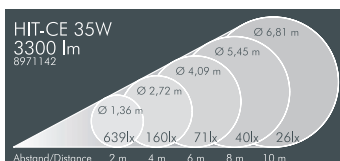
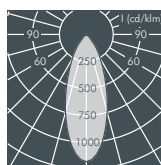
Nightspot B2 70 W with mounting base, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 973 141 009	black	HIT 70 W	G12	7.4 kg	7°
8 973 161 009	white	HIT-CE 70 W			
8 973 151 009	silver grey				



Accessories for Nightspot B2 35/70 W, narrow beam

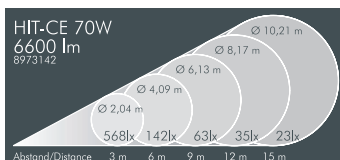
Part number	Description	Half beam angle γ
129 0 492 000	Ribbed glass spreader lense , internally fitted, for linear beam distribution, continuously adjustable through 360°	C 0 – 180 8° C 90 – 270 30°



Nightspot B2 35 W with mounting base, medium wide beam

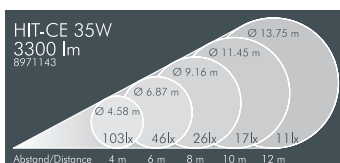
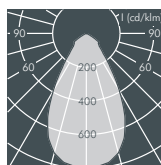
Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 971 142 009	black	HIT-CE 35 W	G12	7.0 kg	38°
8 971 162 009	white				
8 971 152 009	silver grey				

*Luminaires for Philips Cosmopolis lamps 45 W, 60 W or 90 W in protection class I available upon request.



Nightspot B2 70 W with mounting base, medium wide beam

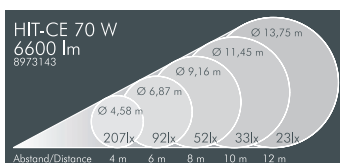
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 973 142 009	black	HIT 70 W	G12	7.4 kg	38°
8 973 162 009	white	HIT-CE 70 W			
8 973 152 009	silver grey				



Nightspot B2 35 W with mounting base, wide beam

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 971 143 009	black	HIT-CE 35 W	G12	7.0 kg	60°
8 971 163 009	white				
8 971 153 009	silver grey				

*Luminaires for Philips Cosmopolis lamps 45 W, 60 W or 90 W in protection class I available upon request.



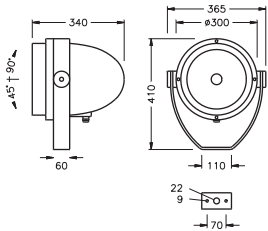
Nightspot B2 70 W with mounting base, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 973 143 009	black	HIT 70 W	G12	7.4 kg	60°
8 973 163 009	white	HIT-CE 70 W			
8 973 153 009	silver grey				

Lamps (see page 364–365)

HIT HIT-CE





Nightspot C with mounting bracket

For metal halide lamps (HIT) and ceramic metal halide lamps (HIT-CE)
protection class I, IP65   , IK08
windage area AW 0.08 m²,
cast aluminium housing, polyester powder coated,
rotationally symmetrical aluminium reflector, all
exterior steel parts are stainless steel, tempered
safety glass, silicon gasket, closure with 4 stainless
steel screws, powder coated aluminium mounting
bracket with tilt scale: 2 drilled holes Ø 9 mm,
spacing 70 mm, 1 centre hole Ø 22 mm, tilt range
135°, M20 cable gland, integral LPF ballast and
ignitor, 250 W: integral ignitor, separate ballast
required, HPF available on request (see page 362),
supplied without lamp

Nightspot C 150 W with mounting bracket, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 954 041 009	black	HIT 150 W	G12	9.8 kg	5°
8 954 061 009	white	HIT-CE 150 W			
8 954 051 009	silver grey				

Nightspot C 250 W with mounting bracket, narrow beam, separate ballast required

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 955 047 009	black	Osram HC-TM	G22	7.8 kg	12°
8 955 067 009	white	250 W			
8 955 057 009	silver grey				

Accessories for Nightspot C 150 W, narrow beam

Part number	Description	Half beam angle γ
129 0 284 000	Ribbed glass , internally fitted, for linear beam distribution, continuously adjustable through 360°	C 0 – 180 8° C 90 – 270 30°

Accessories for Nightspot C 250 W, narrow beam

Part number	Description	Half beam angle γ
129 0 284 000	Ribbed glass , internally fitted, for linear beam distribution, continuously adjustable through 360°	C 0 – 180 20° C 90 – 270 34°

Nightspot C 150 W with mounting bracket, medium wide beam

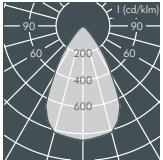
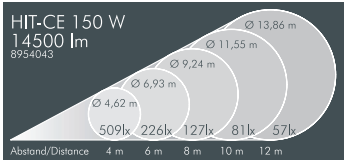
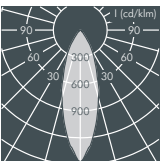
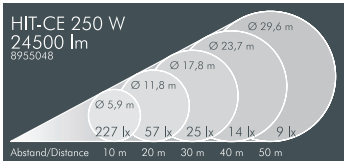
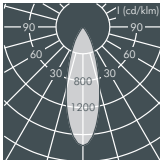
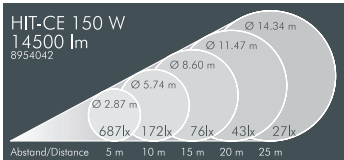
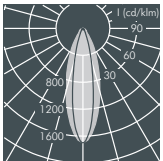
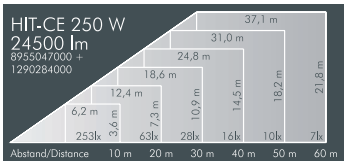
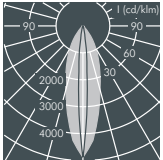
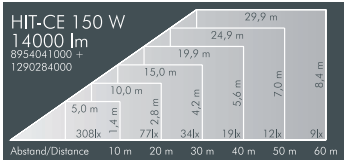
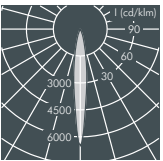
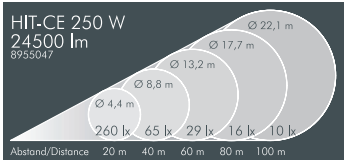
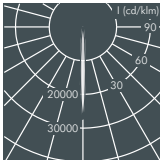
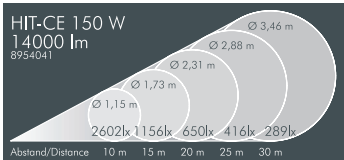
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 954 042 009	black	HIT 150 W	G12	9.8 kg	32°
8 954 062 009	white	HIT-CE 150 W			
8 954 052 009	silver grey				

Nightspot C 250 W with mounting bracket, medium wide beam, separate ballast required

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 955 048 009	black	Osram HC-TM	G22	7.8 kg	33°
8 955 068 009	white	250 W			
8 955 058 009	silver grey				

Nightspot C 150 W with mounting bracket, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 954 043 009	black	HIT 150 W	G12	9.8 kg	60°
8 954 063 009	white	HIT-CE 150 W			
8 954 053 009	silver grey				



Lamps (see page 364–365)

HIT



HIT-CE

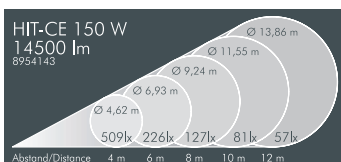
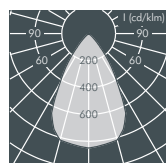
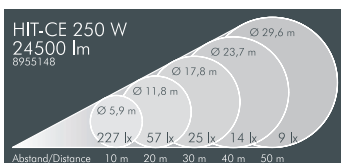
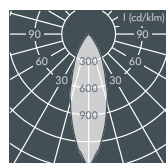
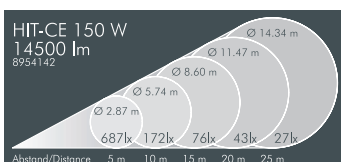
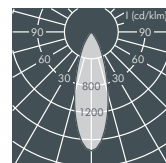
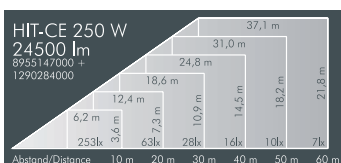
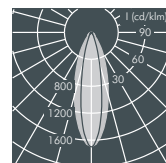
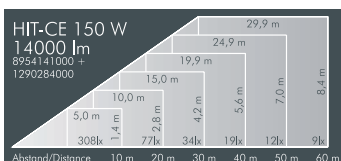
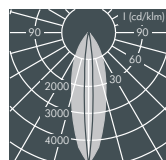
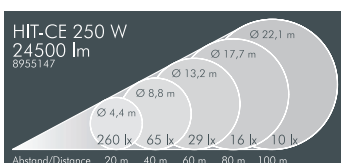
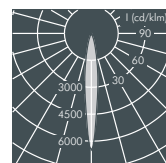
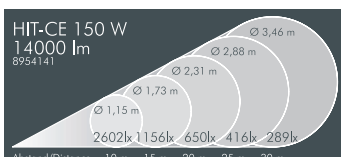
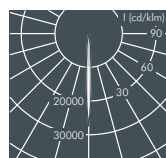
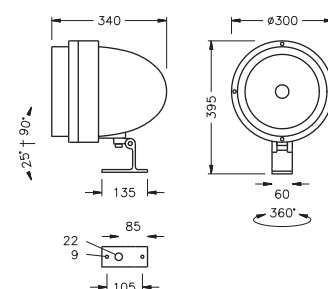


Osram HC-TM 250 W



Nightspot C with mounting base

For metal halide lamps (HIT) and ceramic metal halide lamps (HIT-CE)
protection class I, IP65  , IK08
windage area AW 0.08 m²
cast aluminium housing, polyester powder coated,
rotationally symmetrical aluminium reflector, all
exterior steel parts are stainless steel, tempered
safety glass, silicon gasket, closure with 4 stainless
steel screws, powder coated adjustable aluminium
mounting base: 2 drilled holes Ø 9 mm, spacing
105 mm, 1 centre hole Ø 22 mm, tilt range 115°,
swivel range 360°, M20 cable gland, 150 W:
integral LPF ballast and ignitor, 250 W: integral
ignitor, separate ballast required, HPF available on
request (see page 362), supplied without lamp



Nightspot C 150 W with mounting base, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 954 141 009	black	HIT 150 W	G12	9.6 kg	5°
8 954 161 009	white	HIT-CE 150 W			
8 954 151 009	silver grey				

Nightspot C 250 W with mounting base, narrow beam, separate ballast required

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 955 147 009	black	Osram HCI-TM	G22	7.6 kg	12°
8 955 167 009	white	250 W			
8 955 157 009	silver grey				

Accessories for Nightspot C 150 W, narrow beam

Part number	Description	Half beam angle γ
129 0 284 000	Ribbed glass , internally fitted, for linear beam distribution, continuously adjustable through 360°	C 0 – 180 8° C 90 – 270 30°

Accessories for Nightspot C 250 W, narrow beam

Part number	Description	Half beam angle γ
129 0 284 000	Ribbed glass , internally fitted, for linear beam distribution, continuously adjustable through 360°	C 0 – 180 20° C 90 – 270 34°

Nightspot C 150 W with mounting base, medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 954 142 009	black	HIT 150 W	G12	9.6 kg	32°
8 954 162 009	white	HIT-CE 150 W			
8 954 152 009	silver grey				

Nightspot C 250 W with mounting base, medium wide beam, separate ballast required

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 955 148 009	black	Osram HCI-TM	G22	7.6 kg	33°
8 955 168 009	white	250 W			
8 955 158 009	silver grey				

Nightspot C 150 W with mounting base, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 954 143 009	black	HIT 150 W	G12	9.6 kg	60°
8 954 163 009	white	HIT-CE 150 W			
8 954 153 009	silver grey				

Lamps (see page 364–365)

HIT



HIT-CE

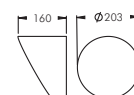


Osram HCI-TM 250 W



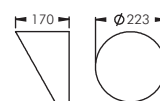
Accessories for Nightspot B

Part number	Colour	Description
129 0 320 940	black	Cowl , stainless steel, to avoid lateral glare
129 0 320 960	white	
129 0 320 950	silver grey	



Accessories for Nightspot B2

Part number	Colour	Description
129 0 493 940	black	Cowl , stainless steel, to avoid lateral glare
129 0 493 960	white	
129 0 493 950	silver grey	



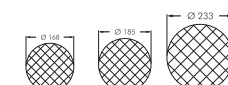
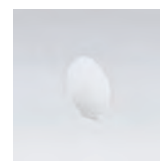
Accessories for Nightspot C

Part number	Colour	Description
129 0 321 940	black	Cowl , stainless steel, to avoid lateral glare
129 0 321 960	white	
129 0 321 950	silver grey	



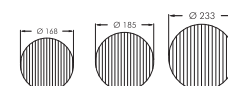
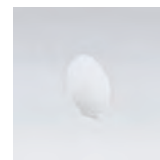
Accessories for Nightspot B, B2, C

Part number	Luminaire	Description	Half beam angle γ	
			narrow beam	medium wide beam
129 0 272 000	B	Prismatic glass , internally fitted, for diffused light distribution	19°	54°
129 0 494 000	B2		19°	54°
129 0 282 000	C		19°	39°

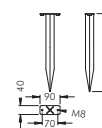


Accessories for Nightspot B, B2, C

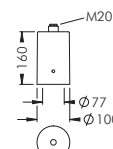
Part number	Luminaire	Description	Half beam angle γ			
			narrow beam		medium wide beam	
129 0 274 000	B	Ribbed glass , internally fitted, for linear beam control, continuously adjustable 360°	C 0-180	C 90-270	C 0-180	C 90-270
129 0 492 000	B2		8°	30°	52°	77°
129 0 284 000	C		8°	30°	32°	64°



Part number	Colour	Description
129 0 390 940	black	Stainless steel earth spike , for use in landscape lighting
129 0 390 960	white	
129 0 390 950	silver grey	



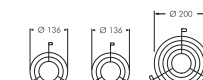
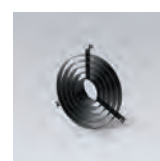
Part number	Colour	Description
128 0 626 940	black	Pole Top Fitter , aluminium, for 76mm pole top, with M20 x 1.5 connection thread, for installation of one luminaire
128 0 626 960	white	
128 0 626 950	silver grey	



Accessories for Nightspot B, B2, C

Part number	Luminaire	Description
129 0 270 940*	B	Rotational louvre , internally fitted, to reduce lateral glare, for mounting on front of floodlight
129 0 495 940	B2	
129 0 280 940	C	

* Not suitable Nightspot B LED.



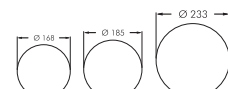
Accessories for Nightspot B, B2, C

Part number	Luminaire	Description
129 0 297 000*	B	Glare shield , internally fitted, to reduce light overspill
129 0 496 000	B2	
129 0 298 000	C	

* Not suitable Nightspot B LED.

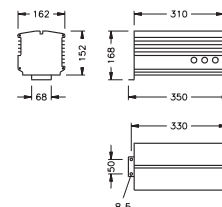


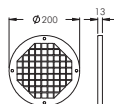
B	B2	C		
Part number	Part number	Part number	Colour	Description
129 0 271 000	129 0 501 000	129 0 281 000	yellow	Colour filter , internally fitted
129 0 277 000	129 0 507 000	129 0 287 000	red	
129 0 273 000	129 0 503 000	129 0 283 000	blue	
129 0 278 000	129 0 508 000	129 0 288 000	green	



Accessories for Nightspot 250 W

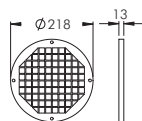
Part number	Colour	Power Factor	Description
119 0 042 009	black	LPF	Remote ballast unit with ballast HIT-CE 250 W, IP65
119 0 062 009	white	LPF	
119 0 052 009	silver grey	LPF	
119 0 942 009	black	HPF	
119 0 962 009	white	HPF	
119 0 952 009	silver grey	HPF	





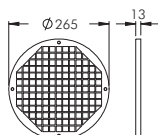
Accessories for Nightspot B

Part number	Colour	Description
129 0 340 940	black	Protection grill , stainless steel, to protect the glass lens from breakage and vandalism, for retro-fitting
129 0 340 960	white	
129 0 340 950	silver grey	



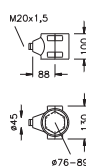
Accessories for Nightspot B2

Part number	Colour	Description
129 0 497 940	black	Protection grill , stainless steel, to protect the glass lens from breakage and vandalism, for retro-fitting
129 0 497 960	white	
129 0 497 950	silver grey	



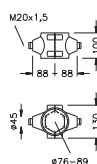
Accessories for Nightspot C

Part number	Colour	Description
129 0 437 940	black	Protection grill , stainless steel, to protect the glass lens from breakage and vandalism, for retro-fitting
129 0 437 960	white	
129 0 437 950	silver grey	

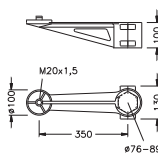


Accessories for Nightspot B, B2 and C

Part number	Colour	Description
119 0 033 940	black	Single pole mount adapter , aluminium, for poles Ø 76 – 89 mm
119 0 033 960	white	
119 0 033 950	silver grey	

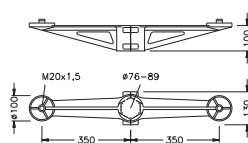


Part number	Colour	Description
119 0 034 940	black	Double pole mount adapter , aluminium, for poles Ø 76 – 89 mm
119 0 034 960	white	
119 0 034 950	silver grey	

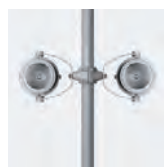
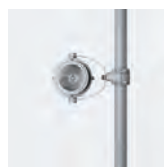


Accessories for Nightspot B, B2, C and Gobo Projector

Part number	Colour	Description
119 0 031 940	black	Single pole mount arm , aluminium, for poles Ø 76 – 89 mm
119 0 031 960	white	
119 0 031 950	silver grey	



Part number	Colour	Description
119 0 032 940	black	Double pole mount arm , aluminium, for poles Ø 76 – 89 mm
119 0 032 960	white	
119 0 032 950	silver grey	





Nightspot pole luminaires, as floodlights or gobo projectors, can be mounted at any height required. They can be arranged in any way and therefore offer a very wide scope of design. They are available in a range of wattages and distributions for metal halide lamps or with LEDs. Their distinctive design makes them attractive for exterior lighting installations.

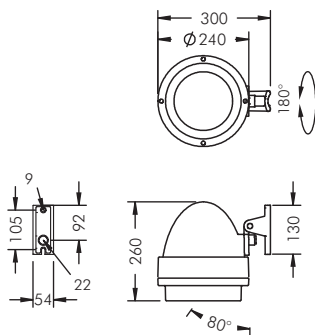
Design: Roy Fleetwood

The fixing system ensures a durable and robust installation, at the same time allowing the luminaires to be aimed as required.





Nightspot pole luminaires can be used for the imaginative lighting of public spaces. They can create uniform illumination or be used for high-lighting purposes. They can even be combined with gobo projectors in order to project images.

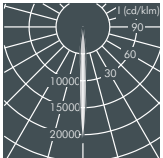
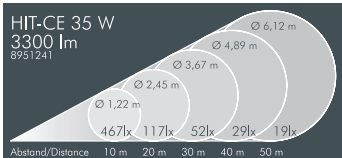


Nightspot B, pole luminaire

For metal halide lamps (HIT) and ceramic metal halide lamps (HIT-CE) protection class I, IP65 , IK08 windage area AW 0.05 m² cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, for pole diameter Ø 60–100 mm, rotatable, polyester powder coated aluminium mounting base: 2 drilled holes Ø 9 mm, spacing 105 mm, 1 centre hole Ø 22 mm, tilt range 80°, swivel range 180°, M20 cable gland, integral LPF ballast and ignitor, HPF available (see page 362), supplied without lamp

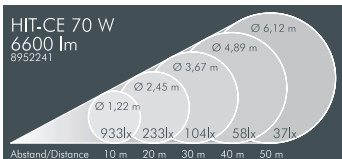
Nightspot B 35 W pole luminaire, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 951 241 009	black	HIT-CE 35 W	G12	5.6 kg	7°
8 951 261 009	white				
8 951 251 009	silver grey				



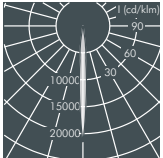
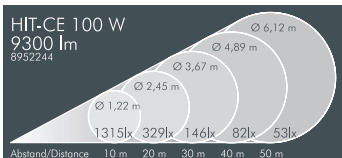
Nightspot B 70 W pole luminaire, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 952 241 009	black	HIT 70 W	G12	6.0 kg	7°
8 952 261 009	white	HIT-CE 70 W			
8 952 251 009	silver grey				



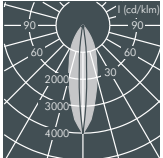
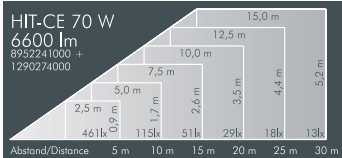
Nightspot B 100 W pole luminaire, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 952 244 009	black	HIT-CE 100 W	G12	6.2 kg	7°
8 952 264 009	white				
8 952 254 009	silver grey				



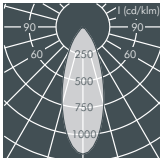
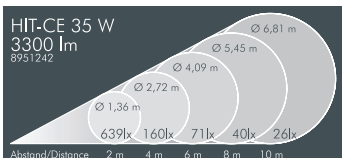
Accessories for Nightspot B 35/70/100 W pole luminaire, narrow beam

Part number	Description	Half beam angle γ
129 0 274 000	Ribbed glass spreader lense , internally fitted, for linear beam distribution, continuously adjustable through 360°	C 0 – 180 C 90 – 270



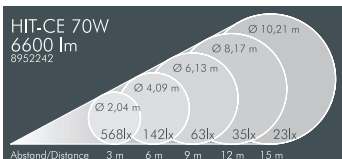
Nightspot B 35 W pole luminaire, medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 951 242 009	black	HIT-CE 35 W	G12	5.6 kg	38°
8 951 262 009	white				
8 951 252 009	silver grey				



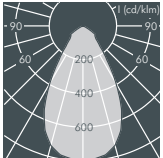
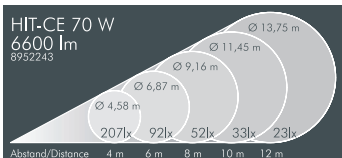
Nightspot B 70 W pole luminaire, medium wide beam

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 952 242 009	black	HIT 70 W	G12	6.0 kg	38°
8 952 262 009	white	HIT-CE 70 W			
8 952 252 009	silver grey				



Nightspot B 70 W pole luminaire, wide beam

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 952 243 009	black	HIT 70 W	G12	6.0 kg	60°
8 952 263 009	white	HIT-CE 70 W			
8 952 253 009	silver grey				



*Luminaires for lamps HIT-CE 100 W available upon request.

*Luminaires for lamps HIT-CE 35 W or 100 W available upon request.

Lamps (see page 364–365)

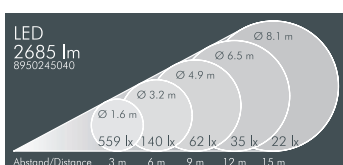
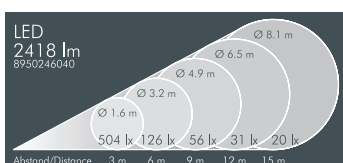
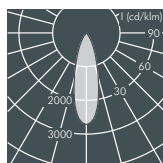
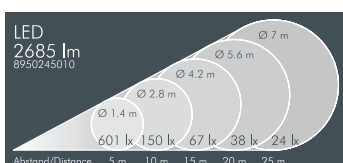
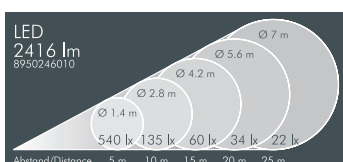
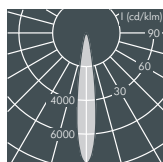
HIT

HIT-CE



Nightspot B LED, pole luminaire

With a high performance LED module, integral temperature monitoring device protection class I, IP65 , IK08 windage area AW 0.05 m² cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, for pole diameter Ø 60–100 mm, rotatable, polyester powder coated aluminium mounting base: 2 drilled holes Ø 9 mm, spacing 105 mm, 1 centre hole Ø 22 mm, tilt range 80°, swivel range 180°, M20 cable gland, integral converter



Nightspot B LED, pole luminaire, narrow beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 950 246 019	black	1 x LED module 42 W	5.0 kg	10°
8 950 266 019	white	warm white		
8 950 256 019	silver grey			

Part number	Colour	Light source	Weight	Half beam angle γ
8 950 245 019	black	1 x LED module 42 W	5.0 kg	10°
8 950 265 019	white	neutral white		
8 950 255 019	silver grey			

Nightspot B LED, pole luminaire, medium wide beam

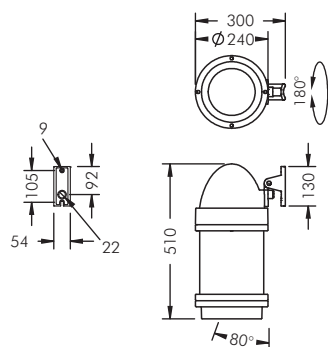
Part number	Colour	Light source	Weight	Half beam angle γ
8 950 246 049	black	1 x LED module 42 W	5.0 kg	30°
8 950 266 049	white	warm white		
8 950 256 049	silver grey			

Part number	Colour	Light source	Weight	Half beam angle γ
8 950 245 049	black	1 x LED module 42 W	5.0 kg	30°
8 950 265 049	white	neutral white		
8 950 255 049	silver grey			

Light source

LEDs, replacement modules available



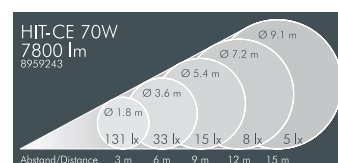


Nightspot B Gobo Projector, pole luminaire

For ceramic metal halide lamps (HIT-CE) protection class I, IP65 , IK08 windage area AW 0.11 m² cast aluminium housing and aluminium profile, polyester powder coated, rotationally symmetrical aluminium reflector, projection lens for focusing, holders for gobos and for colour filters, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, for pole diameter Ø 60–100 mm, rotatable, polyester powder coated aluminium mounting base, powder coated aluminium mounting bracket with tilt scale: 2 drilled holes Ø 9 mm, tilt range 80°, swivel range 180°, M20 cable gland, integral LPF ballast and ignitor, HPF available (see page 362), supplied without lamp

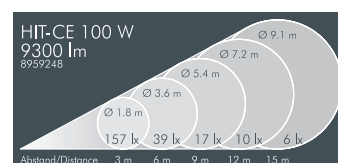
Nightspot B Gobo Projector 70 W, 63 mm focal length

Part number	Colour	Lamp	Lampholder	Weight	Beam angle
8 959 243 009	black	HIT-CE 70 W	G12	10.2 kg	32°
8 959 263 009	white				
8 959 253 009	silver grey				



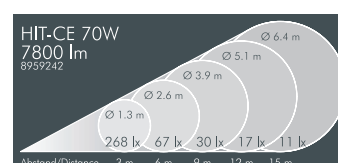
Nightspot B Gobo Projector, 100 W, 63 mm focal length

Part number	Colour	Lamp	Lampholder	Weight	Beam angle
8 959 248 009	black	HIT-CE 100 W	G12	10.2 kg	32°
8 959 268 009	white				
8 959 258 009	silver grey				



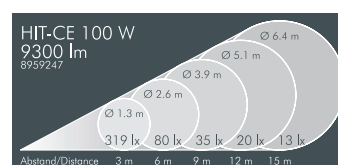
Nightspot B Gobo Projector 70 W, 85 mm focal length

Part number	Colour	Lamp	Lampholder	Weight	Beam angle
8 959 242 009	black	HIT-CE 70 W	G12	10.2 kg	24°
8 959 262 009	white				
8 959 252 009	silver grey				



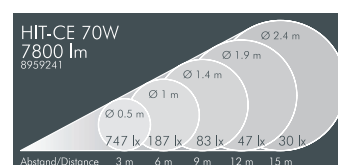
Nightspot B Gobo Projector 100 W, 85 mm focal length

Part number	Colour	Lamp	Lampholder	Weight	Beam angle
8 959 247 009	black	HIT-CE 100 W	G12	10.4 kg	24°
8 959 267 009	white				
8 959 257 009	silver grey				



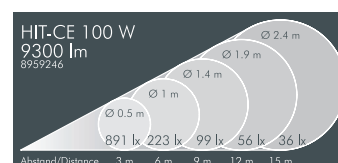
Nightspot B Gobo Projector 70 W, 150 mm focal length

Part number	Colour	Lamp	Lampholder	Weight	Beam angle
8 959 241 009	black	HIT-CE 70 W	G12	10.2 kg	14°
8 959 261 009	white				
8 959 251 009	silver grey				



Nightspot B Gobo Projector 100 W 150 mm focal length

Part number	Colour	Lamp	Lampholder	Weight	Beam angle
8 959 246 009	black	HIT-CE 100 W	G12	10.2 kg	14°
8 959 266 009	white				
8 959 256 009	silver grey				

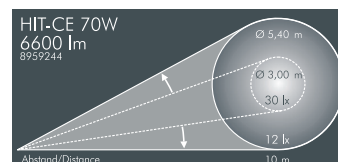


Nightspot B Gobo Projector 70 W

with zoom lense, 70 - 120 mm focal length

Part number*	Colour	Lamp	Lampholder	Weight	Beam angle
8 957 244 009	black	HIT-CE 70 W	G12	10.2 kg	17 – 30°
8 957 264 009	white				
8 957 254 009	silver grey				

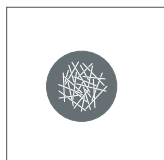
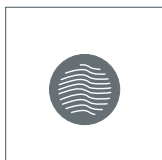
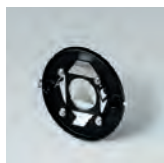
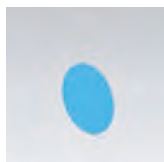
*Also available for HIT-CE 100 W lamp upon request.



Lamps (see page 364–365)

HIT-CE





Accessories for Nightspot Gobo Projectors 70/100 W, 63/85/150 mm focal length and zoom lens with focal length 70 – 120 mm

Part number	Colour	Description
129 0 551 000	yellow	Dichroic colour filter
129 0 557 000	red	
129 0 553 000	blue	
129 0 558 000	green	

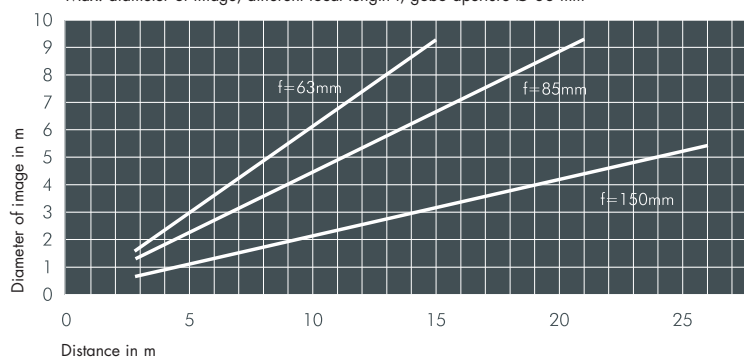
Part number	Description
129 0 257 000	Framer for sharp edges on 3 or 4-sided images

Accessories for Nightspot Gobo Projectors, 63/85/150 mm focal length

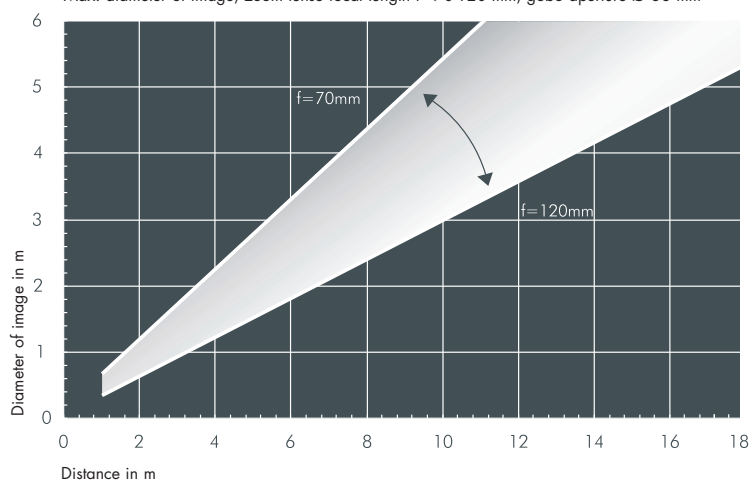
Part number	example	Description
129 0 489 000	waves	Standard gobos Ø 50 mm
129 0 490 000	stars	
129 0 491 000	hatch	

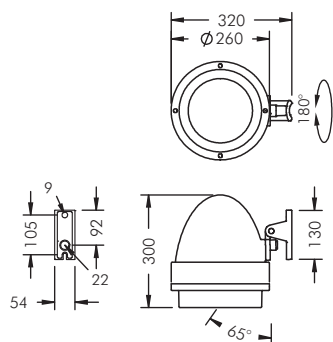
Custom made gobos can be produced from Image data in one of the following file formats: **EPS** (min. 300 dpi), **TIF** (min. 300 dpi), **JPG** (in low compression).
Max. image size D on gobo: D = 38 mm

Max. diameter of image, different focal length f, gobo aperture Ø 38 mm



Max. diameter of image, zoom lens focal length f=70-120 mm, gobo aperture Ø 38 mm





Nightspot B2, pole luminaire (Protection class II)

For metal halide lamps (HIT) and ceramic metal halide lamps (HIT-CE)
 protection class II $\square$, IP65 $\blacklozenge$ $\blacktriangle$ $\blacktriangle$, IK08
 windage area AWW 0.05 m²
 cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, for pole diameter $\varnothing$ 60–100 mm, rotatable, polyester powder coated aluminium mounting base: 2 drilled holes $\varnothing$ 9 mm, spacing 105 mm, 1 centre hole $\varnothing$ 22 mm, tilt range 65°, swivel range 180°, M20 cable gland, integral LPF ballast and ignitor, HPF available, supplied without lamp

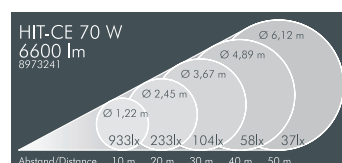
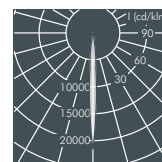
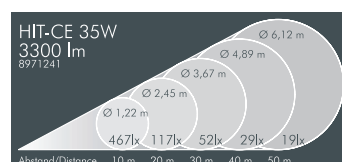
Nightspot B2 35 W, pole luminaire, narrow beam

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 971 241 009	black	HIT-CE 35 W	G12	7.0 kg	7°
8 971 261 009	white				
8 971 251 009	silver grey				

*Luminaires for Philips Cosmopolis lamps 45 W, 60 W or 90 W in protection class I available upon request.

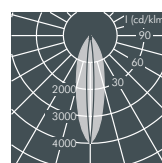
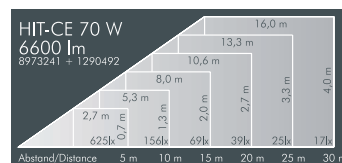
Nightspot B2 70 W, pole luminaire, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 973 241 009	black	HIT 70 W	G12	7.4 kg	7°
8 973 261 009	white	HIT-CE 70 W			
8 973 251 009	silver grey				



Accessories for Nightspot B2 35/70 W, narrow beam

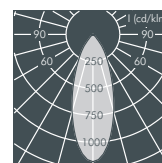
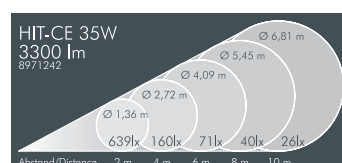
Part number	Description	Half beam angle γ
129 0 492 000	Ribbed glass spreader lense , internally fitted, for linear beam distribution, continuously adjustable through 360°	C 0 – 180 8° C 90 – 270 30°



Nightspot B2 35 W, pole luminaire, medium wide beam

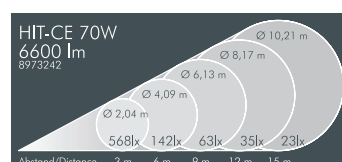
Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 971 242 009	black	HIT-CE 35 W	G12	7.0 kg	38°
8 971 262 009	white				
8 971 252 009	silver grey				

*Luminaires for Philips Cosmopolis lamps 45 W, 60 W or 90 W in protection class I available upon request.



Nightspot B2 70 W, pole luminaire, medium wide beam

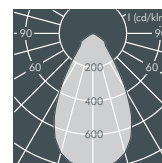
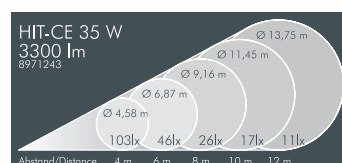
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 973 242 009	black	HIT 70 W	G12	7.4 kg	38°
8 973 262 009	white	HIT-CE 70 W			
8 973 252 009	silver grey				



Nightspot B2 35 W, pole luminaire, wide beam

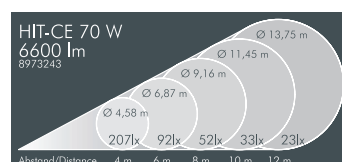
Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 971 243 009	black	HIT-CE 35 W	G12	7.4 kg	60°
8 971 263 009	white				
8 971 253 009	silver grey				

*Luminaires for Philips Cosmopolis lamps 45 W, 60 W or 90 W in protection class I available upon request.



Nightspot B2 70 W, pole luminaire, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 973 243 009	black	HIT 70 W	G12	7.4 kg	60°
8 973 263 009	white	HIT-CE 70 W			
8 973 253 009	silver grey				



Lamps (see page 364–365)

HIT

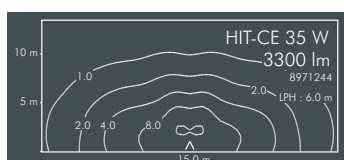
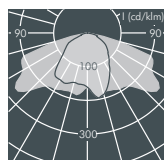
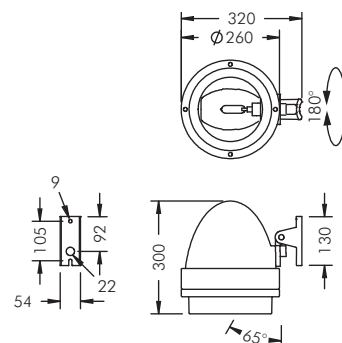


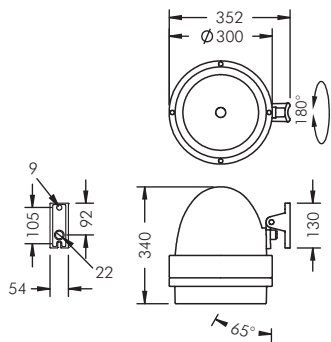
HIT-CE



Nightspot B2, pole luminaire, wide beam

For metal halide lamps (HIT) and ceramic metal halide lamps (HIT-CE)
 protection class II  und I, IP65 , IK08
 windage area AW 0.05 m²
 cast aluminium housing, polyester powder coated,
 aluminium reflector, all exterior steel parts are
 stainless steel, tempered safety glass, silicon gasket,
 closure with 4 stainless steel screws, for pole
 diameter Ø 60–100 mm, rotatable, polyester
 powder coated aluminium mounting base: 2 drilled
 holes Ø 9 mm, spacing 105 mm, 1 centre hole
 Ø 22 mm, tilt range 65°, swivel range 180°,
 M20 cable gland, integral LPF ballast and ignitor,
 HPF available, supplied without lamp





Nightspot C, pole luminaire

For metal halide lamps (HIT) and ceramic metal halide lamps (HIT-CE) protection class I, IP65 , IK08 windage area AW 0.08 m² cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, for pole diameter Ø 60–100 mm, rotatable, polyester powder coated aluminium mounting base: 2 drilled holes Ø 9 mm, spacing 105 mm, 1 centre hole Ø 22 mm, tilt range 65°, swivel range 180°, M20 cable gland, integral LFP ballast and ignitor, HPF available, supplied without lamp

Nightspot C, pole luminaire, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 954 241 009	black	HIT 150 W	G12	9.6 kg	5°
8 954 261 009	white	HIT-CE 150 W			
8 954 251 009	silver grey				

Accessories for Nightspot C, pole luminaire, narrow beam

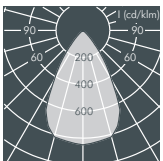
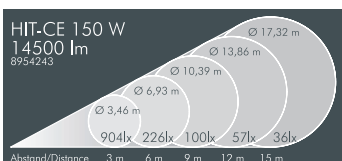
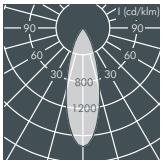
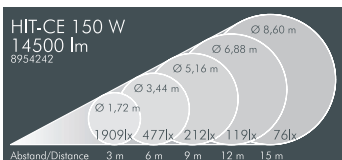
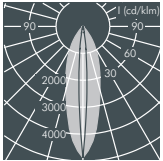
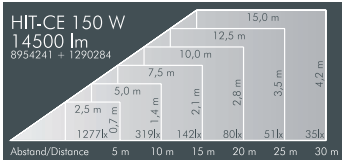
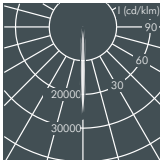
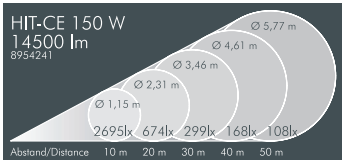
Part number	Description	Half beam angle γ	
129 0 284 000	Ribbed glass , internally fitted, for linear beam distribution, continuously adjustable through 360°	C 0 – 180	C 90 – 270
		8°	30°

Nightspot C, pole luminaire, medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 954 242 009	black	HIT 150 W	G12	9.6 kg	32°
8 954 262 009	white	HIT-CE 150 W			
8 954 252 009	silver grey				

Nightspot C, pole luminaire, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 954 243 009	black	HIT 150 W	G12	9.6 kg	60°
8 954 263 009	white	HIT-CE 150 W			
8 954 253 009	silver grey				





Accessories for Nightspot B

Part number	Colour	Description
129 0 320 940	black	Cowl , stainless steel, to avoid lateral glare
129 0 320 960	white	
129 0 320 950	silver grey	



Accessories for Nightspot B2

Part number	Colour	Description
129 0 493 940	black	Cowl , stainless steel, to avoid lateral glare
129 0 493 960	white	
129 0 493 950	silver grey	



Accessories for Nightspot C

Part number	Colour	Description
129 0 321 940	black	Cowl , stainless steel, to avoid lateral glare
129 0 321 960	white	
129 0 321 950	silver grey	

Accessories for Nightspot B, B2, C

Part number	Luminaire	Description	Half beam angle γ	
			narrow beam	medium wide beam
129 0 272 000	B	Prismatic glass , for diffused light distribution	19°	54°
129 0 494 000	B2		19°	54°
129 0 282 000	C		19°	39°

Accessories for Nightspot B, B2, C

Part number	Luminaire	Description	Half beam angle γ			
			narrow beam		medium wide beam	
129 0 274 000	B	Ribbed glass , internally fitted, for linear beam control, continuously adjustable 360°	C 0-180	C 90-270	C 0-180	C 90-270
129 0 492 000	B2		8°	30°	52°	77°
129 0 284 000	C		8°	30°	32°	64°

Accessories for Nightspot B, B2, C

Part number	Luminaire	Description
129 0 270 940*	B	Rotational louvre , internally fitted, to reduce lateral glare, for mounting on front of floodlight
129 0 495 940	B2	
129 0 280 940	C	

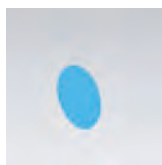
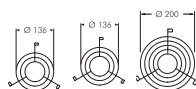
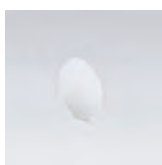
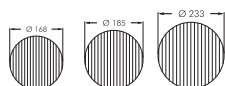
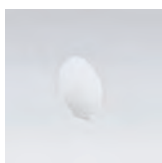
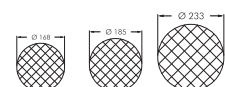
* Not suitable for Nightspot B LED.

Accessories for Nightspot B, B2, C

Part number	Luminaire	Description
129 0 297 000*	B	Glare shield , internally fitted, to reduce lateral glare, for mounting on front of floodlight
129 0 496 000	B2	
129 0 298 000	C	

* Not suitable for Nightspot B LED.

B	B2	C		
Part number	Part number	Part number	Colour	Description
129 0 271 000	129 0 501 000	129 0 281 000	yellow	Colour filter , internally fitted
129 0 277 000	129 0 507 000	129 0 287 000	red	
129 0 273 000	129 0 503 000	129 0 283 000	blue	
129 0 278 000	129 0 508 000	129 0 288 000	green	





Fluxa is a series of area floodlights with symmetrical or wide beam reflectors. There are 4 sizes for high pressure discharge lamps or with LEDs, in various wattages and beam distributions. Fluxa is available with two different mounting systems; either with mounting bracket or Fluxa G for pole mounting. Fluxa Mini G lends itself well to being used in combination with larger Fluxa models.

Three sizes are available with energy efficient LEDs and precise optical lenses for uniform illumination with high lux levels.



Fluxa Mini

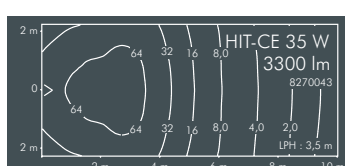
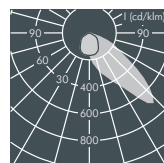
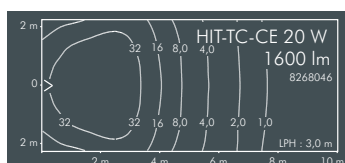
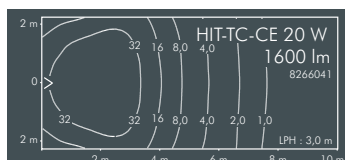
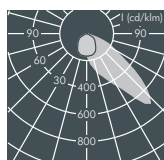
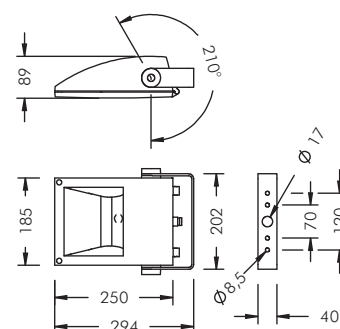
For ceramic metal halide lamps

(HIT-TC-CE and HIT-CE)

protection class I, IP65

windage area AW 0.05 m²

die cast aluminium housing, polyester powder coated, asymmetrical textured aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure by 2 stainless steel screws, hinged front frame, powder coated aluminium mounting bracket with tilt scale, 4 drilled holes Ø 8.5 mm, spacing 70 mm (120 mm), 1 centre hole Ø 17 mm, tilt range 210°, M16 cable gland, integral electronic ballast, supplied without lamp



Fluxa Mini 20 W, asymmetrical beam

Part number	Colour	Lamp	Lampholder	Weight	Beam angle γ
8 266 041 009	black	Philips CDM-Tm	PGJ5	2.2 kg	43°
8 266 061 009	white	20 W			
8 266 051 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Beam angle γ
8 268 046 009	black	General Electric	GU6.5	2.3 kg	43°
8 268 066 009	white	CMH 20 W/			
8 268 056 009	silver grey	Osram HCI-TF 20 W			

Fluxa Mini 35 W, asymmetrical beam

Part number	Colour	Lamp	Lampholder	Weight	Beam angle γ
8 269 046 009	black	General Electric	GU6.5	2.3 kg	43°
8 269 066 009	white	CMH 35 W/			
8 269 056 009	silver grey	Osram HCI-TF 35 W			

Part number	Colour	Lamp	Lampholder	Weight	Beam angle γ
8 270 043 009	black	HIT-CE 35 W	G12	2.4 kg	42°
8 270 063 009	white				
8 270 053 009	silver grey				

Lamps (see page 364–365)

HIT-TC-CE

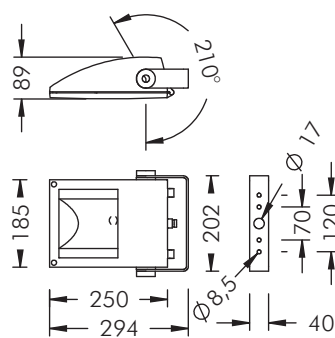


HIT-TC-CE



HIT-CE





Fluxa Mini, wide beam

For ceramic metal halide lamps (HIT-TC-CE) or with high performance LEDs, integral temperature monitoring device protection class I, IP65  windage area AW 0.05 m² die cast aluminium housing, polyester powder coated, wide beam aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure by 2 stainless steel screws, hinged front frame, powder coated aluminium mounting bracket with tilt scale, 4 drilled holes Ø 8.5 mm, spacing 70 mm (120 mm), 1 centre hole Ø 17 mm, tilt range 210°, M16 cable gland, integral electronic ballast (integral converter for LEDs), supplied without lamp

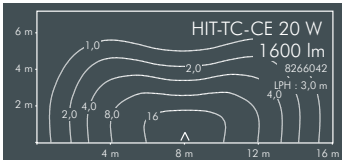
Fluxa Mini 20 W, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 266 042 009	black	Philips CDM-Tm 20 W	PGJ5	2,2 kg	75°	135°
8 266 062 009	white					
8 266 052 009	silver grey					

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 268 047 009	black	General Electric	GU6.5	2.3 kg	75°	135°
8 268 067 009	white	CMH 20 W/				
8 268 057 009	silver grey	Osram HCHT 20 W				

Fluxa Mini 35 W, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 269 047 009	black	General Electric CMH 35 W/	GU6.5	2.3 kg	75°	135°
8 269 067 009	white					
8 269 057 009	silver grey	Osram HCHT 35 W				



Fluxa Mini G

For ceramic metal halide lamps

(HIT-TC-CE and HIT-CE)

protection class I, IP65

windage area AW 0.05 m²

die cast aluminium housing, polyester powder

coated, asymmetrical textured aluminium reflector,

all exterior steel parts are stainless steel, tempered

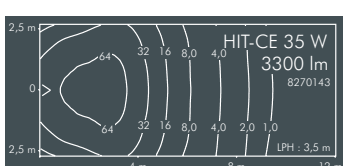
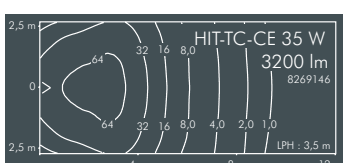
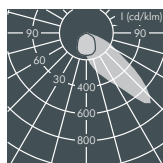
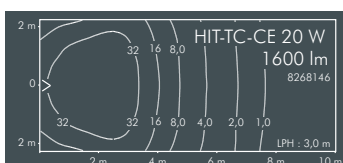
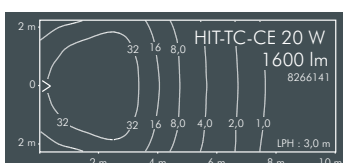
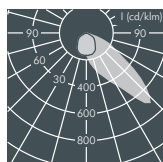
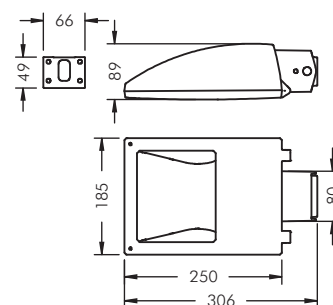
safety glass, silicon gasket, closure by 2 stainless

steel screws, hinged front frame, adjustable bracket

assembly, 4 drilled holes Ø 6.5 mm, spacing

50 x 30 mm, tilt range +/- 15°, M16 cable gland,

integral electronic ballast, supplied without lamp



Fluxa Mini G 20 W, asymmetrical beam

Part number	Colour	Lamp	Lampholder	Weight	Beam angle γ
8 266 141 009	black	Philips CDM-Tm	PGJ5	2.4 kg	43°
8 266 161 009	white	20 W			
8 266 151 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Beam angle γ
8 268 146 009	black	General Electric	GU6.5	2.5 kg	43°
8 268 166 009	white	CMH 20 W/			
8 268 156 009	silver grey	Osram HCI-TF 20 W			

Fluxa Mini G 35 W, asymmetrical beam

Part number	Colour	Lamp	Lampholder	Weight	Beam angle γ
8 269 146 009	black	General Electric	GU6.5	2.5 kg	43°
8 269 166 009	white	CMH 35 W/			
8 269 156 009	silver grey	Osram HCI-TF 35 W			

Part number	Colour	Lamp	Lampholder	Weight	Beam angle γ
8 270 143 009	black	HIT-CE 35 W	G12	2.6 kg	42°
8 270 163 009	white				
8 270 153 009	silver grey				

Lamps (see page 364–365)

HIT-TC-CE

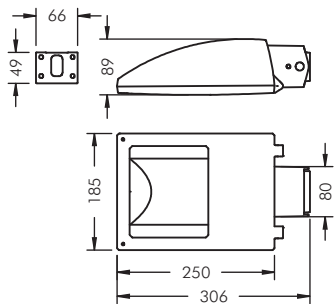


HIT-TC-CE



HIT-CE





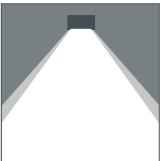
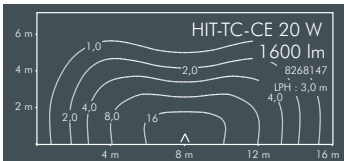
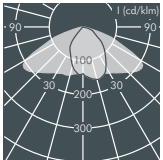
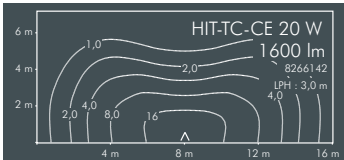
Fluxa Mini G, wide beam

For ceramic metal halide lamps (HIT-TC-CE)
or with high performance LEDs,
integral temperature monitoring device
protection class I, IP65
windage area AW 0.05 m²
die cast aluminium housing, polyester powder
coated, asymmetrical textured aluminium reflector,
all exterior steel parts are stainless steel, tempered
safety glass, silicon gasket, closure by 2 stainless
steel screws, hinged front frame, adjustable bracket
assembly, 4 drilled holes Ø 6.5 mm, spacing
50 x 30 mm, tilt range +/- 15°, M16 cable
gland, integral electronic ballast (integral converter
for LEDs), supplied without lamp

Fluxa Mini G 20 W, wide beam

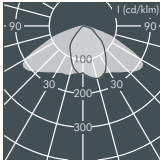
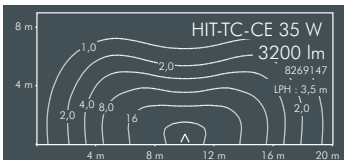
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 266 142 009	black	Philips CDM-Tm 20 W	PGJ5	2.4 kg	C 0 – 180	C 90 – 270
8 266 162 009	white				75°	135°
8 266 152 009	silver grey					

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 268 147 009	black	General Electric CMH 20 W/ Osram HCHT 20 W	GU6.5	2.5 kg	C 0 – 180	C 90 – 270
8 268 167 009	white				75°	135°
8 268 157 009	silver grey					



Fluxa Mini G 35 W, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 269 147 009	black	General Electric CMH 35 W/ Osram HCHT 35 W	GU6.5	2.5 kg	C 0 – 180	C 90 – 270
8 269 167 009	white				75°	135°
8 269 157 009	silver grey					



Fluxa Mini G LED, wide beam

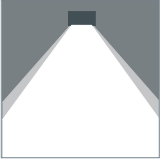
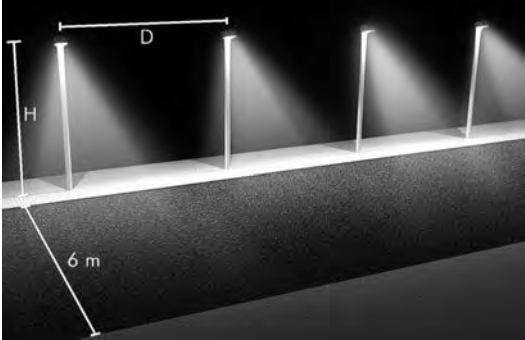
Part number*	Colour	Light source	Weight	Half beam angle γ	
8 280 145 059	black	15 x LED 2.4 W neutral white	2.5 kg	C 0 – 180	C 90 – 270
8 280 165 059	white			70°	138°
8 280 155 059	silver grey				

*These luminaires are also available with warm white LEDs upon request.



Typical illumination levels and uniformity values

	Fluxa Mini G LED		
	4 m	5 m	6 m
H	20 m	23 m	27 m
D	4.5	4.5	4
D/H	6 lx	5 lx	4 lx
Eav	0.3	0.36	0.34



Lamps/Light source (see page 364–365)

HIT-TC-CE

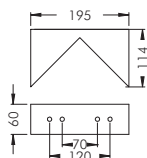


HIT-TC-CE



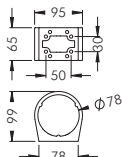
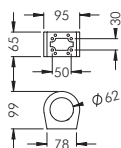
LEDs, replacement module available





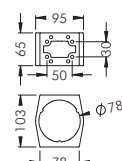
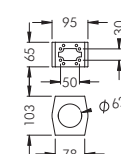
Accessories for Fluxa Mini

Part number	Colour	Description
128 0 086 940	black	Corner fixing bracket B , aluminium, polyester powder coated, for mounting floodlights on 90° corners
128 0 086 960	white	
128 0 086 950	silver grey	

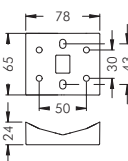


Accessories for Fluxa Mini G

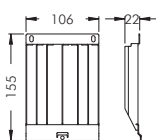
Part number	Colour	Description
122 0 207 940	black	Pole mount fitter Ø 60mm , for one luminaire
122 0 207 960	white	
122 0 207 950	silver grey	
122 0 217 940	black	Pole mount fitter Ø 76mm , for one luminaire
122 0 217 960	white	
122 0 217 950	silver grey	



Part number	Colour	Description
122 0 208 940	black	Pole mount fitter Ø 60mm , for two luminaires
122 0 208 960	white	
122 0 208 950	silver grey	
122 0 218 940	black	Pole mount fitter Ø 76mm , for two luminaires
122 0 218 960	white	
122 0 218 950	silver grey	

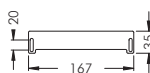


Part number	Colour	Description
122 0 209 940	black	Pole adapter for one luminaire, for pole diameter 80 – 110 mm
122 0 209 960	white	
122 0 209 950	silver grey	

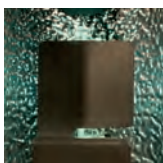
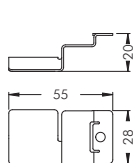


Accessories for Fluxa Mini/Mini G, asymmetrical beam

Part number	Description
122 0 210 000	Louvre , internally fitted, to reduce glare

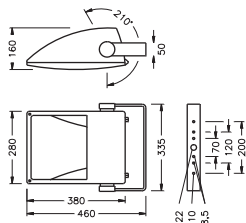


Part number	Description
122 0 211 000	Glare shield , adjustable 16 mm, to prevent glare from light reflected backwards



Accessories for Fluxa Mini/Mini G, wide beam

Part number	Description
122 0 212 000	Glare shield , to prevent glare from direct light from lamp

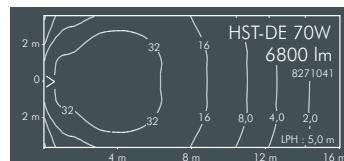
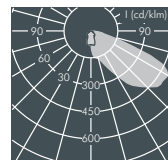
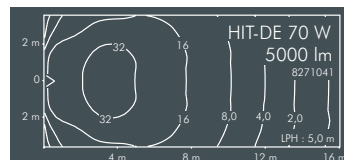


Fluxg A

For metal halide lamps (HIT-DE),
ceramic metal halide lamps (HIT-DE-CE),
high pressure sodium lamps (HST-DE) and
halogen lamps (QT-DE 12)
protection class I, IP65   
windage area A_W 0.11 m²
die cast aluminium housing, polyester powder
coated, asymmetrical high gloss aluminium reflector,
all exterior steel parts are stainless steel, tempered
safety glass, silicon gasket, closure with 4 stainless
steel screws, hinged front frame, powder coated
aluminium mounting bracket with tilt scale:
4 holes Ø 8.5 mm, spacing 70 mm (120 mm),
2 drilled holes Ø 10 mm, spacing 200 mm, 1
centre hole Ø 22 mm, tilt range 210°, M20 cable
gland, integral LPF ballast and ignitor, HPF
available on request (see page 362),
supplied without lamp

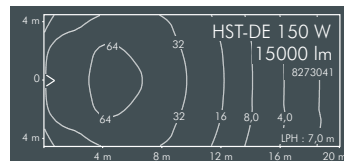
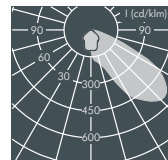
Fluxa A 70 W, asymmetrical beam

Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 271 041 009	black	HIT-DE 70 W	Rx7s	8.5 kg	60°
8 271 061 009	white	HIT-DE-CE 70 W			
8 271 051 009	silver grey	HST-DE 70 W			



Fluxa A 150 W, asymmetrical beam

Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 273 041 009	black	HIT-DE 150 W	Rx7s	9.0 kg	45°
8 273 061 009	white	HIT-DE-CE 150 W			
8 273 051 009	silver grey	HST-DE 150 W			

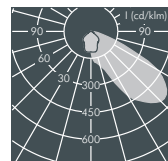
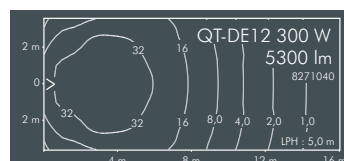


Fluxa A 70 W, asymmetrical beam

Part number	Description
. 019	Luminaire in class II version

Fluxa A 300 W, asymmetrical beam

Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 271 040 009	black	QT-DE 12	R7s	7.0 kg	60°
8 271 060 009	white	up to 300 W			
8 271 050 009	silver grey				



Lamps (see page 364–365)

HIT-DF



HIT-DF-CF



HST-DF

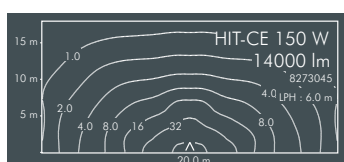
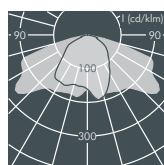
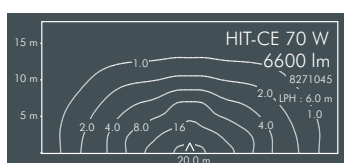
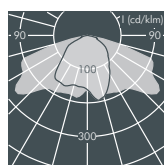
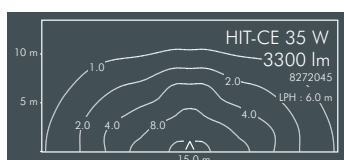
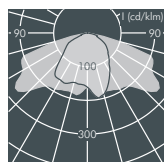
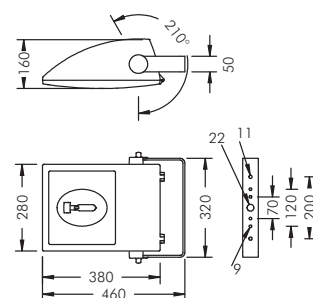


QT-DF 12



Fluxa A, wide beam

For metal halide lamps (HIT), ceramic metal halide lamps (HIT-CE) and high pressure sodium lamps (HSE)
 protection class I, IP65 
 windage area AW 0.11 m²
 die cast aluminium housing, polyester powder coated, high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged front frame, powder coated aluminium mounting bracket with tilt scale: 4 holes Ø 8.5 mm, spacing 70 mm (120 mm), 2 drilled holes Ø 10 mm, spacing 200 mm, 1 centre hole Ø 22 mm, tilt range 210°, M20 cable gland, integral LPF ballast and ignitor, HPF available on request (see page 362), supplied without lamp



Fluxa A 35 W, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 272 045 009	black	HIT-CE 35 W	G12	8.3 kg	C 0 – 180	C 90 – 270
8 272 065 009	white				82°	145°
8 272 055 009	silver grey					

Fluxa A 70 W, wide beam

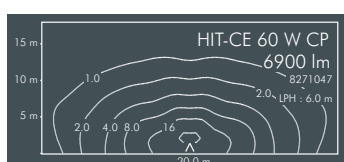
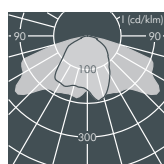
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 271 045 009	black	HIT 70 W	G12	8.5 kg	C 0 – 180	C 90 – 270
8 271 065 009	white	HIT-CE 70 W			82°	145°
8 271 055 009	silver grey					

Fluxa A 150 W, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 273 045 009	black	HIT 150 W	G12	9 kg	C 0 – 180	C 90 – 270
8 273 065 009	white	HIT-CE 150 W			82°	145°
8 273 055 009	silver grey					

Fluxa A 35/70/150 W, wide beam

Part number	Description
... 019	Luminaire in class II version



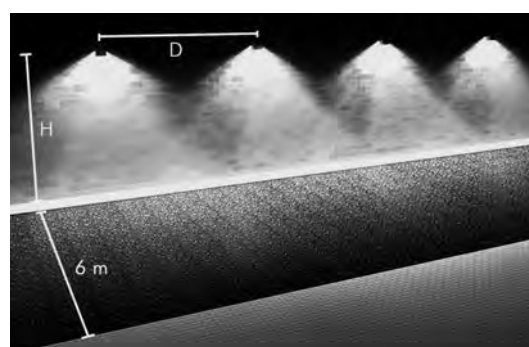
Fluxa A 60 W, wide beam

Part number *	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 271 047 009	black	HIT-CE 60 W (Philips CosmoPolis)	PGZ12	8.5 kg	C 0 – 180	C 90 – 270
8 271 067 009	white				84°	145°
8 271 057 009	silver grey					

*These luminaires are also available for 45 W, 90 W or 140 W lamps (Philips CosmoPolis) upon request.

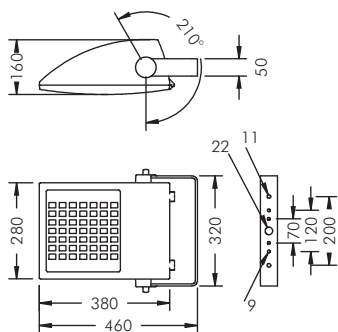
Typical illumination levels and uniformity values

	HIT / HIT-CE			HIT-CE Philips CosmoPolis		
	35 W	70 W	150 W	45 W	60 W	90 W
H	5 m	6 m	8 m	5 m	6 m	8 m
D	20 m	24 m	32 m	20 m	24 m	32 m
D/H	4	4	4	4	4	4
E_{av}	7 lx	11 lx	14 lx	9 lx	11 lx	10 lx
E_{min}/E_{av}	0.36	0.38	0.38	0.36	0.38	0.38



Lamps (see page 364–365)





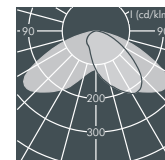
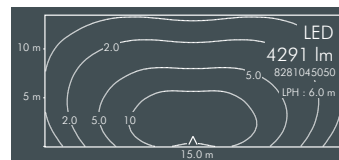
Fluxa A LED, wide beam

With high performance LEDs, integral temperature monitoring device, protection class I, IP65   windage area AW 0.11 m² die cast aluminium housing, polyester powder coated, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged front frame, powder coated aluminium mounting bracket with tilt scale: 4 holes Ø 8.5 mm, spacing 70 mm (120 mm), 2 drilled holes Ø 10 mm, spacing 200 mm, 1 centre hole Ø 22 mm, tilt range 210°, M20 cable gland, integral converter

Fluxa A LED, wide beam, dimmable

Part number*	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 281 045 059	black	46 x LED 1.2 W neutral white	7.5 kg	53°	136°
8 281 065 059	white				
8 281 055 059	silver grey				

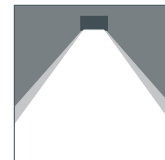
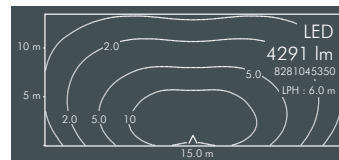
*These luminaires are also available with warm white LEDs upon request.



Fluxa A LED, wide beam, dimmable 50%

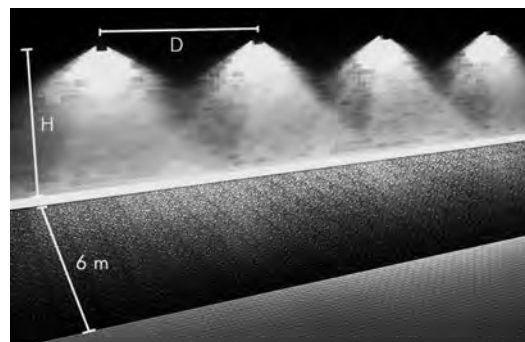
Part number*	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 281 045 359	black	46 x LED 1.2 W neutral white	7.5 kg	53°	136°
8 281 065 359	white				
8 281 055 359	silver grey				

*These luminaires are also available with warm white LEDs upon request.



Typical illumination levels and uniformity values

	Fluxa A LED		
H	6 m	7 m	8 m
D	24 m	27 m	32 m
D/H	4	4	4
Eav	9 lx	7 lx	5 lx
Emin/Eav	0.38	0.37	0.36



Light source

LEDs, replacement modules available



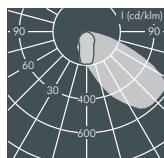
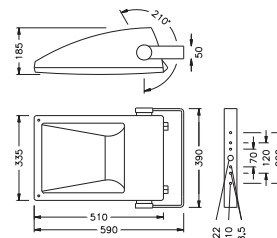
Fluxa B

For metal halide lamps (HIT-DE) and high pressure sodium lamps (HST-DE)

protection class I, IP54

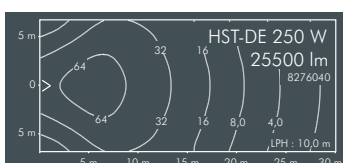
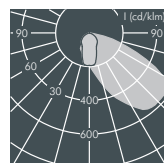
windage area AW 0.17 m²

cast aluminium housing, polyester powder coated, asymmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 2 stainless steel screws, hinged front frame, powder coated aluminium mounting bracket with tilt scale: 4 drilled holes Ø 8.5 mm, spacing 70 mm (120 mm), 2 drilled holes Ø 10 mm, spacing 200 mm, 1 centre hole Ø 22 mm, tilt range 210°, M20 cable gland, integral LPF ballast and ignitor, HPF available on request (see page 362), supplied without lamp



Fluxa B 250 W, HIT-DE

Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 275 040 009	black	HIT-DE 250 W	Fc2	14.2 kg	45°
8 275 050 009	silver grey				



Fluxa B 250 W, HST-DE

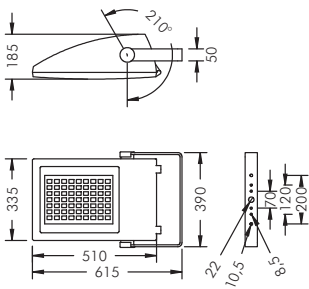
Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 276 040 009	black	HST-DE 250 W	Fc2	14.2 kg	45°
8 276 050 009	silver grey				

Lamps (see page 364–365)

HIT-DE

HST-DE





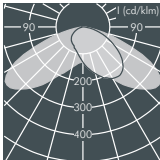
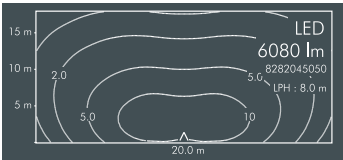
Fluxa B LED, wide beam

With high performance LEDs,
integral temperature monitoring device,
protection class I, IP54 ⚡⚠
windage area AW 0.17 m²
cast aluminium housing, polyester powder coated,
all exterior steel parts are stainless steel, tempered
safety glass, silicon gasket, closure with 2 stainless
steel screws, hinged front frame, powder coated
aluminium mounting bracket with tilt scale: 4 drilled
holes Ø 8.5 mm, spacing 70 mm (120 mm),
2 drilled holes Ø 10 mm, spacing 200 mm,
1 centre hole Ø 22 mm, tilt range 210°,
M20 cable gland, integral converter

Fluxa B LED, wide beam, dimmable

Part number*	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 282 045 059	black	52 x LED 1.6 W neutral white	12.2 kg	69°	137°
8 282 055 059	silver grey				

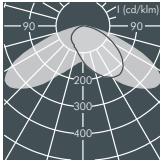
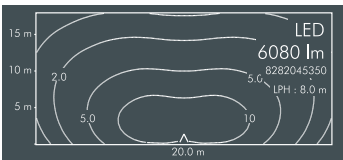
*These luminaires are also available with warm white LEDs upon request.



Fluxa B LED, wide beam, dimmable 50%

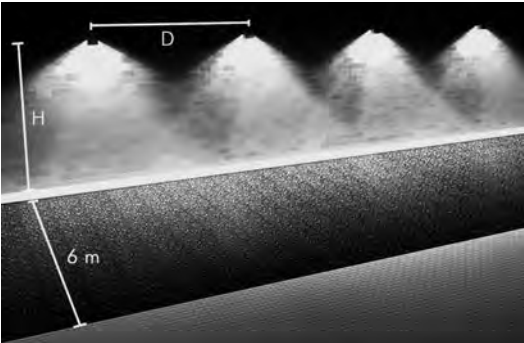
Part number*	Colour	Light source	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 282 045 359	black	52 x LED 1.6 W neutral white	12.2 kg	69°	137°
8 282 055 359	silver grey				

*These luminaires are also available with warm white LEDs upon request.



**Typical illumination levels and
uniformity values**

	Fluxa B LED		
H	6 m	7 m	8 m
D	24 m	28 m	32 m
D/H	4	4	4
Eav	14 lx	11 lx	8 lx
Emin/Eav	0.46	0.44	0.43



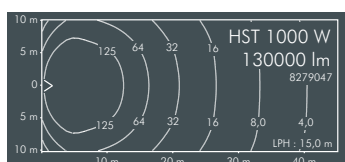
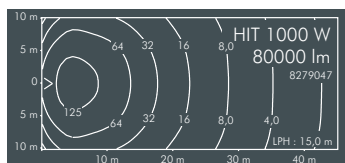
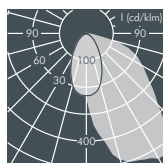
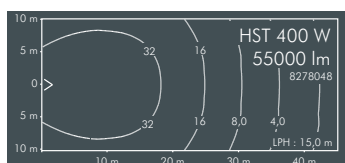
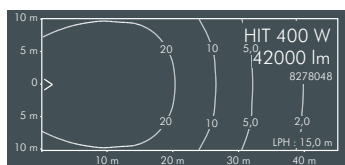
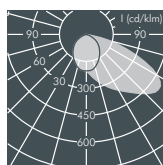
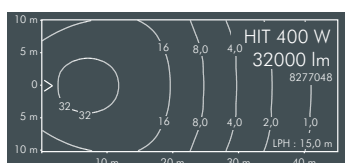
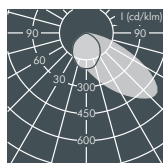
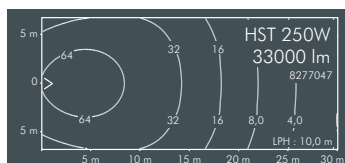
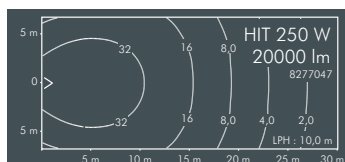
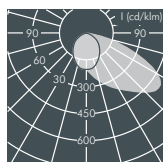
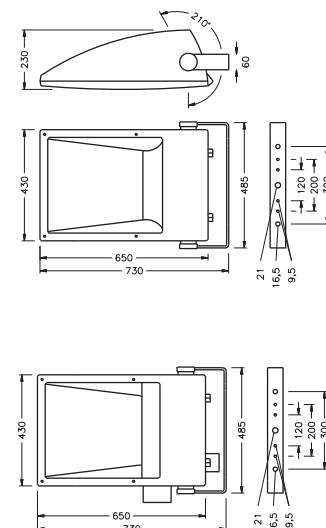
Light source

LEDs, replacement modules available



Fluxa C

For metal halide lamps (HIT) and high pressure sodium lamps (HST) protection class I, IP54   windage area AW 0.28 m² cast aluminium housing, polyester powder coated, asymmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged front frame, powder coated aluminium mounting bracket with tilt scale: 4 drilled holes Ø 9.5 mm, spacing 120 mm (200 mm), 2 drilled holes Ø 16.5 mm, spacing 300 mm, 1 centre hole Ø 21 mm, tilt range 210°, M20 cable gland, integral LPF ballast (250 or 400 W) and ignitor, HPF ballast available (see page 362), supplied without lamp



Fluxa C 250 W, HIT/HST

Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 277 047 009	black	HIT 250 W	E40	22.0 kg	55°
8 277 057 009	silver grey	HST 250 W			

Fluxa C 400 W, HIT

Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 277 048 009	black	HIT 400 W	E 40	23.2 kg	50°
8 277 058 009	silver grey	Lamp operating current up to 3,6 A			

Fluxa C 400 W, HIT/ HST

Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 278 048 009	black	HIT 400 W	E 40	23.2 kg	55°
8 278 058 009	silver grey	HST 400 W Lamp operating current up to 4,4 A			

Fluxa C 1000 W, HIT/ HST, separate ballast required (see page 226)

Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 279 047 009	black	HIT 1000 W	E40	18.8 kg	33°
8 279 057 009	silver grey	HST 1000 W			

Lamps (see page 364–365)

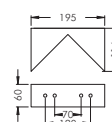
HIT

HST



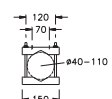
Accessories for Fluxa A

Part number	Colour	Description
128 0 086 940	black	Corner fixing bracket B , aluminium, polyester powder coated, for mounting floodlights on 90° corners
128 0 086 960	white	
128 0 086 950	silver grey	

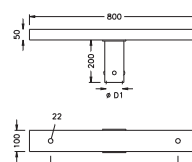


Accessories for Fluxa A, B

Part number	Colour	Description
120 0 240 940	black	Universal pole clamp , aluminium, polyester powder coated, stainless steel bolts, for mounting on poles Ø 40 - 110 mm
120 0 240 960	white	
120 0 240 950	silver grey	

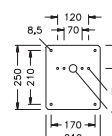


Part number	Colour	Description
128 0 287 940	black	Crossbar , for pole D1 = 76 mm , for two luminaires, hot dip galvanized steel, polyester powder coated
128 0 287 960	white	
128 0 287 950	silver grey	
128 0 287 000	unpainted	
128 0 552 940	black	Crossbar , for pole D1 = 89 mm , for two luminaires, hot dip galvanized steel
128 0 552 960	white	
128 0 552 950	silver grey	
128 0 552 000	unpainted	



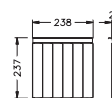
Accessories for Fluxa A, B, C

Part number	Colour	Description
128 0 232 940	black	Wall plate B , aluminium, polyester powder coated, for additional support on unstable surfaces
128 0 232 960	white	
128 0 232 950	silver grey	



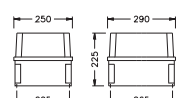
Accessories only for Fluxa A

Part number	Colour	Description
122 0 066 940	black	Louvre , stainless steel, to reduce lateral glare, for mounting on front of floodlight
122 0 066 960	white	
122 0 066 950	silver grey	



Ballasts for Fluxa C 1000 W, IP65

Part number	Power factor	Description
118 0 001 009	LPF	Ballast for HIT- and HST-lamps 1000 W
118 0 002 009	HPF	Ballast for HIT-lamps 1000 W
118 0 003 009	HPF	Ballast for HST-lamps 1000 W



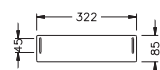
Accessories for Fluxa A, Fluxa AG, Fluxa A - with arm, asymmetrical beam

Part number	Description
232 0 150 000	Glare shield 285 x 85 mm , continuously adjustable 45mm, to reduce glare from light reflected backwards



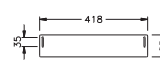
Accessories for Fluxa B/Fluxa BG/Fluxa B - with arm

Part number	Description
232 0 116 000	Glare shield 322 x 85 mm , continuously adjustable 45mm, to reduce glare from light reflected backwards



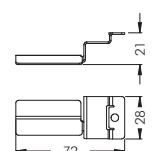
Accessories for Fluxa C/Fluxa C - with arm

Part number	Description
232 0 117 000	Glare shield 418 x 85 mm , adjustable 35 mm, to prevent glare from light reflected backwards



Accessories for Fluxa A/Fluxa AG/Fluxa A - with arm, wide beam

Part number	Description
232 0 166 000	Glare control shield , to prevent glare from direct light from lamp



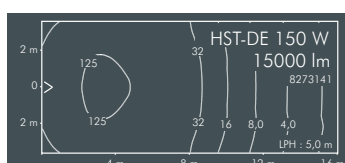
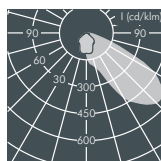
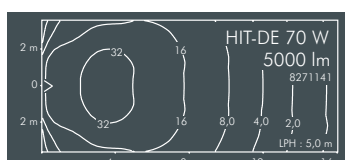
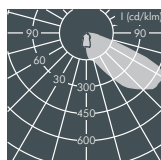
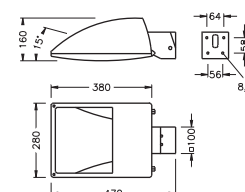
Fluxa AG

For metal halide lamps (HIT-DE),
ceramic metal halide lamps (HIT-DE-CE),
high pressure sodium lamps (HST-DE) and
halogen lamps (QT-DE 12)

protection class I, IP65

windage area AW 0.11 m²

die cast aluminium housing, polyester powder
coated, asymmetrical high gloss aluminium reflector,
all exterior steel parts are stainless steel, tempered
safety glass, silicon gasket, closure with 4 stainless
steel screws, hinged front frame, adjustable bracket
assembly: 2 drilled holes Ø 8.5 mm,
spacing 64 mm, 2 drilled holes Ø 8.5 mm,
spacing 56 mm, tilt range 15°, M20 cable gland,
integral LPF ballast and ignitor, HPF available on
request (see page 362), supplied without lamp



Fluxa AG 70 W, asymmetrical beam

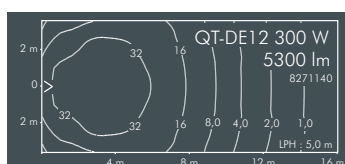
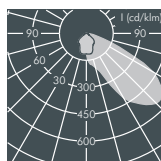
Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 271 141 009	black	HIT-DE 70 W	Rx7s	8.5 kg	60°
8 271 161 009	white	HIT-DE-CE 70 W			
8 271 151 009	silver grey	HST-DE 70 W			

Fluxa AG 150 W, asymmetrical beam

Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 273 141 009	black	HIT-DE 150 W	Rx7s	9.0 kg	45°
8 273 161 009	white	HIT-DE-CE 150 W			
8 273 151 009	silver grey	HST-DE 150 W			

Fluxa AG 70 W, asymmetrical beam

Part number	Description
. 019	Luminaire
	in class II version

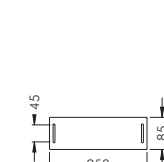


Fluxa AG 300 W, asymmetrical beam

Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 271 140 009	black	QT-DE 12	R7s	7.0 kg	60°
8 271 160 009	white	up to 300 W			
8 271 150 009	silver grey				

Accessories for Fluxa A

Part number	Description
232 0 150 000	Glare shield , adjustable 45 mm, to prevent glare from light reflected backwards



Lamps (see page 364–365)

HIT-DE



HIT-DE-CE

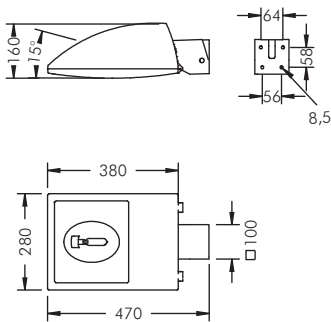


HST-DE



QT-DE 12

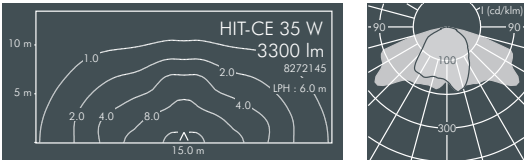




Fluxa AG, wide beam
For metal halide lamps (HIT), ceramic metal halide lamps (HIT-CE), protection class I, IP65  windage area AW 0.11 m² die cast aluminium housing, polyester powder coated, high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged front frame, adjustable bracket assembly: 2 drilled holes Ø 8.5 mm, spacing 64 mm, 2 drilled holes Ø 8.5 mm, spacing 56 mm, tilt range 15°, M20 cable gland, integral LPF ballast and ignitor, HPF available on request (see page 362), supplied without lamp

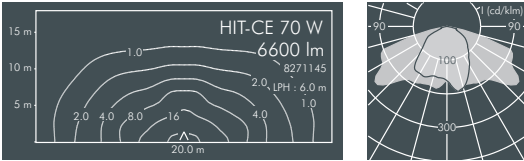
Fluxa AG 35 W, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 272 145 009	black	HIT-CE 35 W	G12	8.5 kg	C 0 – 180	C 90 – 270
8 272 165 009	white				82°	145°
8 272 155 009	silver grey					



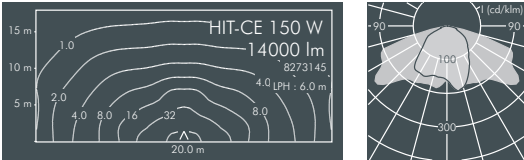
Fluxa AG 70 W, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 271 145 009	black	HIT 70 W HIT-CE 70 W	G12	8.5 kg	C 0 – 180	C 90 – 270
8 271 165 009	white				82°	145°
8 271 155 009	silver grey					



Fluxa AG 150 W, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 273 145 009	black	HIT 150 W HIT-CE 150 W	G12	9 kg	C 0 – 180	C 90 – 270
8 273 165 009	white				82°	145°
8 273 155 009	silver grey					



Fluxa AG 35/70/150 W, wide beam

Part number	Description
... 019	Luminaire in class II version

Fluxa AG 60 W, wide beam

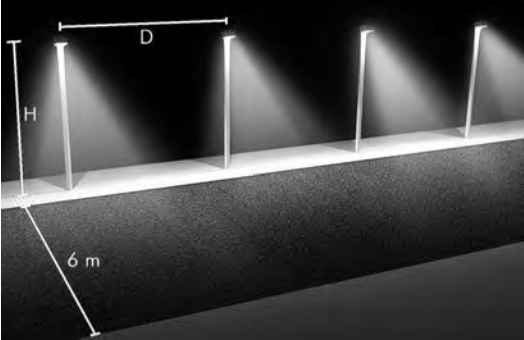
Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 271 147 009	black	HIT-CE 60 W (Philips CosmoPolis)	PGZ12	8.5 kg	C 0 – 180	C 90 – 270
8 271 167 009	white				84°	145°
8 271 157 009	silver grey					

*These luminaires are also available for 45 W, 90 W or 140 W lamps (Philips CosmoPolis) upon request.

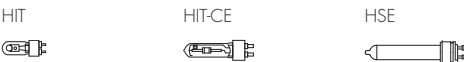


Typical illumination levels and uniformity values

	HIT / HIT-CE			HIT-CE Philips CosmoPolis		
	35 W	70 W	150 W	45 W	60 W	90 W
H	5 m	6 m	8 m	5 m	6 m	8 m
D	20 m	24 m	32 m	20 m	24 m	32 m
D/H	4	4	4	4	4	4
E _{av}	7 lx	11 lx	14 lx	9 lx	11 lx	10 lx
E _{min} /E _{av}	0.36	0.38	0.38	0.36	0.38	0.38

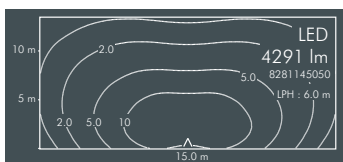
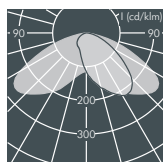


Lamps (see page 364–365)



Fluxa AG LED, wide beam

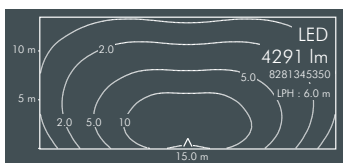
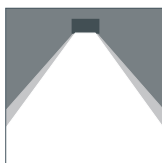
With high performance LEDs,
integral temperature monitoring device,
protection class I, IP65  
windage area AW 0.11 m²
die cast aluminium housing, polyester powder
coated, all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket, closure with
4 stainless steel screws, hinged front frame,
adjustable bracket assembly:
2 drilled holes Ø 8.5 mm, spacing 64 mm,
2 drilled holes Ø 8.5 mm, spacing 56 mm, tilt
range 15°, M20 cable gland, integral converter



Fluxa AG LED, wide beam, dimmable

Part number*	Colour	Light source	Weight	Half beam angle γ	
8 281 145 059	black	46 x LED 1.2 W neutral white	7.5 kg	C 0 – 180	C 90 – 270
8 281 165 059	white			53°	136°
8 281 155 059	silver grey				

*These luminaires are also available with warm white LEDs upon request.

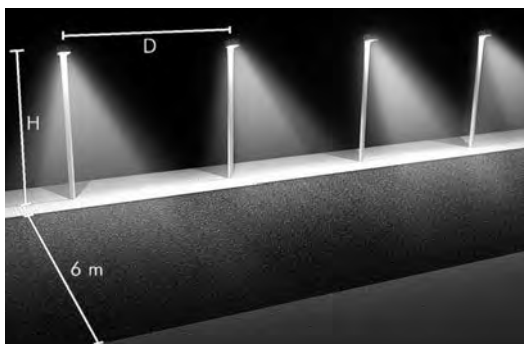


Fluxa AG LED, wide beam, dimmable 50%

Part number*	Colour	Light source	Weight	Half beam angle γ	
8 281 145 359	black	46 x LED 1.2 W neutral white	7.5 kg	C 0 – 180	C 90 – 270
8 281 165 359	white			53°	136°
8 281 155 359	silver grey				

*These luminaires are also available with warm white LEDs upon request.

Accessories for Fluxa AG LED (see page 231)



Light source

LEDs, replacement modules available

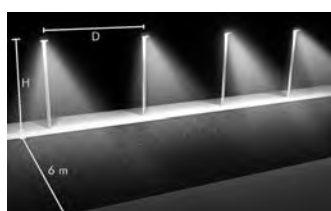
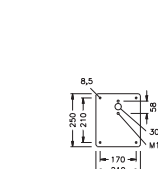
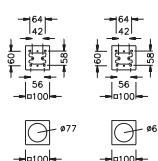
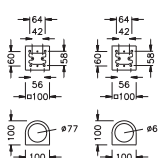
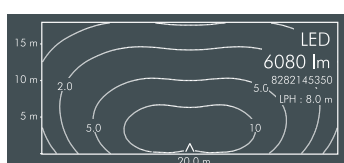
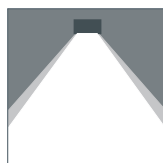
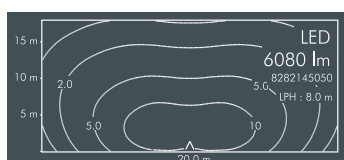
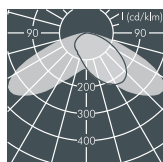
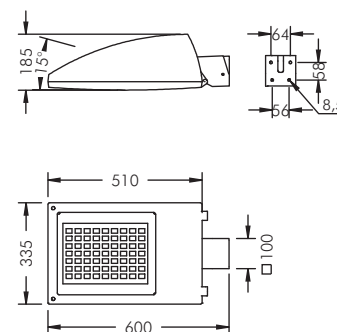


Typical illumination levels and uniformity values

	Fluxa AG LED		
H	6 m	7 m	8 m
D	24 m	27 m	32 m
D/H	4	4	4
Eav	9 lx	7 lx	5 lx
Emin/Eav	0.38	0.37	0.36

Fluxa BG LED, wide beam

With high performance LEDs,
integral temperature monitoring device,
protection class I, IP54 
windage area AW 0.19 m²
die cast aluminium housing, polyester powder
coated, all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket, closure with
4 stainless steel screws, hinged front frame,
adjustable bracket assembly:
2 drilled holes Ø 8.5 mm, spacing 64 mm,
2 drilled holes Ø 8.5 mm, spacing 56 mm, tilt
range 15°, M20 cable gland, integral converter



Fluxa BG LED, wide beam, dimmable

Part number*	Colour	Light source	Weight	Half beam angle γ	
8 282 145 059	black	52 x LED 1.6 W neutral white	12.0 kg	C 0 – 180	C 90 – 270
8 282 155 059	silver grey			69°	137°

*These luminaires are also available with warm white LEDs upon request.

Fluxa BG LED, wide beam, dimmable 50%

Part number*	Colour	Light source	Weight	Half beam angle γ	
8 282 145 359	black	52 x LED 1.6 W neutral white	12.0 kg	C 0 – 180	C 90 – 270
8 282 155 359	silver grey			69°	137°

*These luminaires are also available with warm white LEDs upon request.

Accessories for Fluxa AG LED and BG LED

Part number	Colour	Description
127 0 181 940	black	Pole top fitter for pole Ø 60 mm for one luminaire
127 0 181 960	white	
127 0 181 950	silver grey	
127 0 081 940	black	Pole top fitter for pole Ø 76 mm for one luminaire
127 0 081 960	white	
127 0 081 950	silver grey	

Part number	Colour	Description
127 0 182 940	black	Pole top fitter for pole Ø 60 mm for two luminaires
127 0 182 960	white	
127 0 182 950	silver grey	
127 0 082 940	black	Pole top fitter for pole Ø 76 mm for two luminaires
127 0 082 960	white	
127 0 082 950	silver grey	

Part number	Colour	Lamp
122 0 134 940	black	Wall plate G* , for one luminaire Fluxa AG, BG, aluminium, polyester powder coated, for additional support on unstable surfaces
122 0 134 960	white	
122 0 134 950	silver grey	

* Without the wall plate, stable installation is only possible on hard surfaces, e.g. metal. For installation on all normal surfaces, e.g. masonry, brick walls etc., the wall plate should be used.

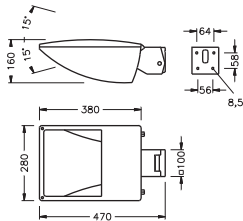
Typical illumination levels and uniformity values

	Fluxa BG LED		
H	6 m	7 m	8 m
D	24 m	28 m	32 m
D/H	4	4	4
Eav	14 lx	11 lx	8 lx
Emin/Eav	0.46	0.44	0.43

Light source

LEDs, replacement modules available





Fluxa AGU Uplight

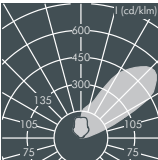
For metal halide lamps (HIT-DE), ceramic metal halide lamps (HIT-DE-CE) and high pressure sodium lamps (HST-DE) protection class I, IP65 ⚡⚡⚡ windage area AW 0.11 m² cast aluminium housing, polyester powder coated, asymmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 2 stainless steel screws, hinged front frame, adjustable bracket assembly: 2 drilled holes Ø 8.5 mm, spacing 64 mm, 2 drilled holes Ø 8.5 mm, spacing 56 mm, tilt range 30°, M20 cable gland, integral LPF ballast and ignitor, HPF available on request (see page 362), supplied without lamp

Fluxa AGU Uplight 150 W

Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 273 241 009	black	HIT-DE 150 W	Rx7s	9.0 kg	45°
8 273 261 009	white	HIT-DE-CE 150 W			
8 273 251 009	silver grey	HST-DE 150 W			

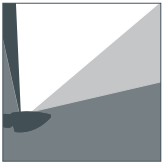
Calculation example for indirect lighting using 3 nos. Fluxa AGU HIT-DE 150 W:

Ceiling height: 5 m
Luminaire installation height: 3 m
Ceiling reflectance value: 80%
Average illuminance at floor level: 40 lx.
Uniformity: 0.53



Accessories only for Fluxa AGU Uplight

Part number	Description
232 0 150 000	Glare shield, adjustable 45 mm, to prevent glare from light reflected backwards



Lamps (see page 364–365)

HIT-DE



HIT-DE-CE

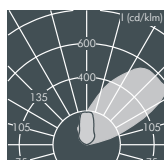
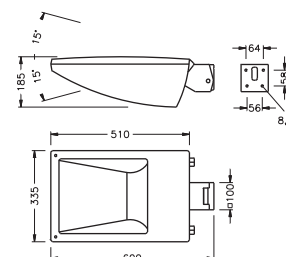


HST-DE



Fluxa BGU Uplight

For metal halide lamps (HIT-DE),
high pressure sodium lamps (HST-DE)
protection class I, IP54 
windage area AW 0.17 m²
cast aluminium housing, polyester powder coated,
asymmetrical high gloss aluminium reflector, all
exterior steel parts are stainless steel, tempered
safety glass, silicon gasket, closure with 2 stainless
steel screws, hinged front frame, adjustable bracket
assembly: 2 drilled holes Ø 8.5 mm, spacing
64 mm, 2 drilled holes Ø 8.5 mm, spacing
56 mm, tilt range 30°, cable gland M20, integral
LPF ballast and ignitor, HPF available on request
(see page 362), supplied without lamp



Calculation example for indirect lighting using 3 nos. Fluxa BGU 250 W:

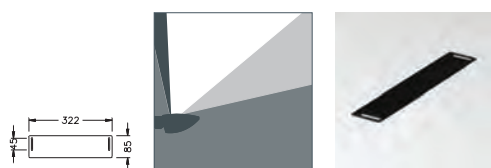
Ceiling height: 5 m
Luminaire installation height: 3 m
Ceiling reflectance value: 80%
Average illuminance at floor level: 60 lx.
Uniformity: 0.53

Fluxa BGU Uplight 250 W, HIT-DE

Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 275 240 009	black	HIT-DE 250 W	Fc2	14.0 kg	45°
8 275 250 009	silver grey				

Fluxa BGU Uplight 250 W, HST-DE

Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 276 240 009	black	HST-DE 250 W	Fc2	14.0 kg	45°
8 276 250 009	silver grey				



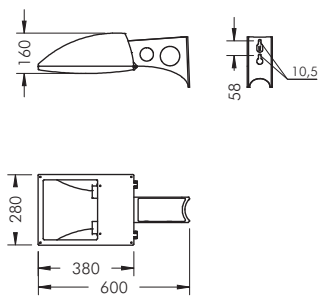
Accessories only for Fluxa BGU Uplight

Part number	Description
232 0 116 000	Glare shield, adjustable 45 mm, to prevent glare from light reflected backwards

Lamps (see page 364–365)

HIT HST



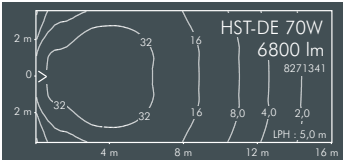
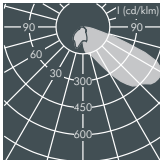
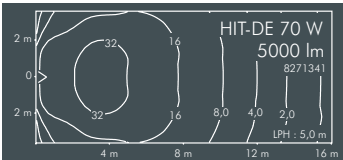


Fluxa A - with arm

For metal halide lamps (HIT-DE)
Ceramic metal halide lamps (HIT-DE-CE)
High pressure sodium lamp (HST-DE) and
Halogen lamps (QT-DE 12)
protection class I, IP65
windage area AW 0.11 m²
die cast aluminium housing, polyester powder
coated, asymmetrical high gloss aluminium
reflector, all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket, closure with
4 stainless steel screws, hinged front frame, 230 mm
arm, 2 drilled holes Ø 10.5, spacing 58 mm,
M20 cable gland, integral LPF ballast and ignitor,
HPF available on request (see page 362),
supplied without lamp

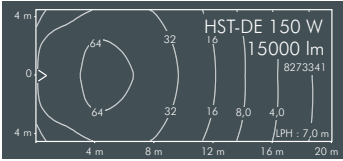
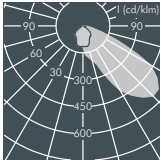
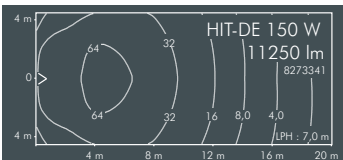
Fluxa A - with arm 70 W, asymmetrical beam

Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 271 341 009	black	HIT-DE 70 W	Rx7s	9.0 kg	60°
8 271 361 009	white	HIT-DE-CE 70 W			
8 271 351 009	silver grey	HST-DE 70 W			



Fluxa A - with arm 150 W, asymmetrical beam

Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 273 341 009	black	HIT-DE 150 W	Rx7s	9.5 kg	45°
8 273 361 009	white	HIT-DE-CE 150 W			
8 273 351 009	silver grey	HST-DE 150 W			

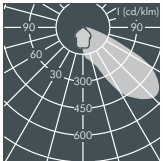
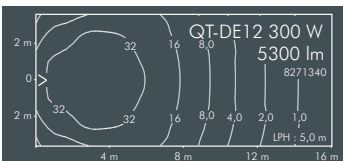


Fluxa A - with arm 70 W, asymmetrical beam

Part number	Description
... 019	Luminaire
	in class II version

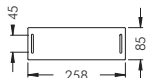
Fluxa A - with arm 300 W, asymmetrical beam

Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 271 340 009	black	QT-DE 12	R7s	7.5 kg	60°
8 271 360 009	white	up to 300 W			
8 271 350 009	silver grey				



Accessories for Fluxa A - with arm

Part number	Description
232 0 150 000	Glare shield 285 x 85 mm, continuously adjustable 45 mm, to reduce glare from light reflected backwards



Lamps (see page 364–365)

HIT-DE



HIT-DE-CE



HST-DE



QT-DE 12



Fluxa A - with arm, wide beam

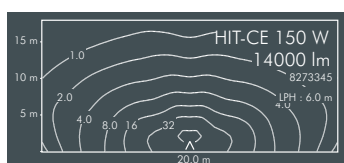
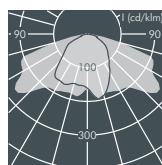
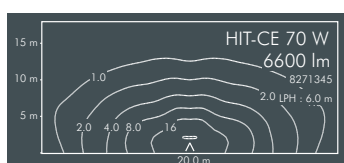
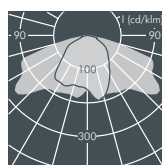
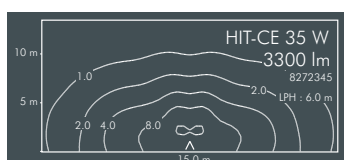
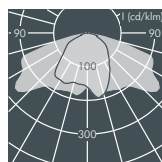
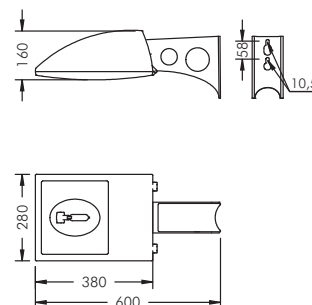
For metal halide lamps (HIT-DE)

Ceramic metal halide lamps (HIT-DE-CE)

Protection class I, IP65

Windage area AW 0.11m²

die cast aluminium housing, polyester powder coated, wide beam high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged front frame, 230 mm arm, 2 drilled holes $\varnothing$ 10.5, spacing 58mm, M20 cable gland, integral LPF ballast and ignitor, HPF available on request (see page 362), supplied without lamp



Fluxa A - with arm 35 W, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 272 345 009	black	HIT-CE 35 W	G12	9.0 kg	C 0 – 180	C 90 – 270
8 272 365 009	white				82°	145°
8 272 355 009	silver grey					

Fluxa A - with arm 70 W, wide beam

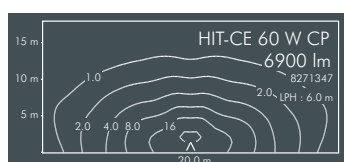
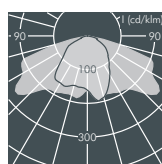
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 271 345 009	black	HIT 70 W	G12	9.0 kg	C 0 – 180	C 90 – 270
8 271 365 009	white	HIT-CE 70 W			82°	145°
8 271 355 009	silver grey					

Fluxa A - with arm 150 W, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 273 345 009	black	HIT 150 W	G12	9.5 kg	C 0 – 180	C 90 – 270
8 273 365 009	white	HIT-CE 150 W			82°	145°
8 273 355 009	silver grey					

Fluxa A - with arm 35/70/150 W, wide beam

Part number	Description
... 019	Luminaire in class II version



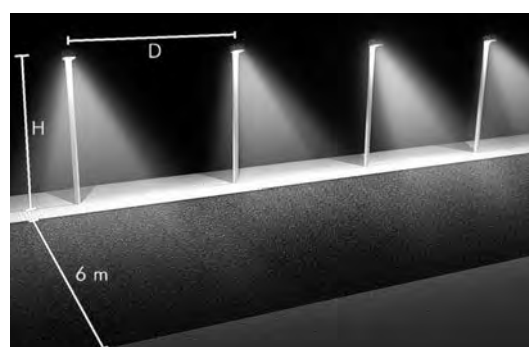
Fluxa A - with arm 60 W, wide beam

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 271 347 009	black	HIT-CE 60 W (Philips CosmoPolis)	PGZ12	9.0 kg	C 0 – 180	C 90 – 270
8 271 367 009	white				84°	145°
8 271 357 009	silver grey					

*These luminaires are also available for 45 W, 90 W or 140 W lamps (Philips CosmoPolis) upon request.

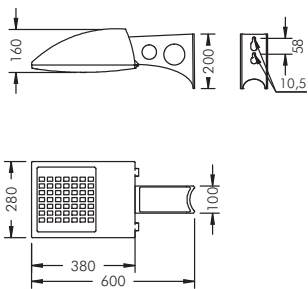
Typical illumination levels and uniformity values

	HIT / HIT-CE			HIT-CE Philips CosmoPolis		
	35 W	70 W	150 W	45 W	60 W	90 W
H	5 m	6 m	8 m	5 m	6 m	8 m
D	20 m	24 m	32 m	20 m	24 m	32 m
D/H	4	4	4	4	4	4
E _{av}	7 lx	11 lx	14 lx	9 lx	11 lx	10 lx
E _{min} /E _{av}	0.36	0.38	0.38	0.36	0.38	0.38



Lamps (see page 364–365)





Fluxa A LED - with arm, wide beam

With high performance LEDs,
integral temperature monitoring device
Protection class I, IP65 ⚡⚡⚡
Windage area AW 0,11 m²
die cast aluminium housing, polyester powder
coated, all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket, closure with 4
stainless steel screws, hinged front frame, 230 mm
arm, 2 drilled holes ø 10.5, spacing 58mm, M20
cable gland, integral converter

Fluxa A LED - with arm, wide beam, dimmable

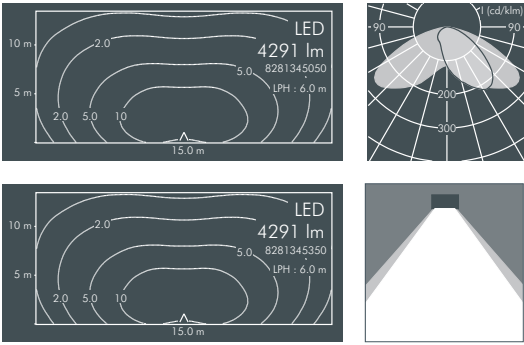
Part number*	Colour	Light source	Weight	Half beam angle γ	
8 281 345 059	black	46 x LED 1.2 W neutral white	8.0 kg	C 0 – 180	C 90 – 270
8 281 365 059	white			53°	136°
8 281 355 059	silver grey				

*These luminaires are also available with warm white LEDs upon request.

Fluxa A LED - with arm, wide beam, dimmable 50%

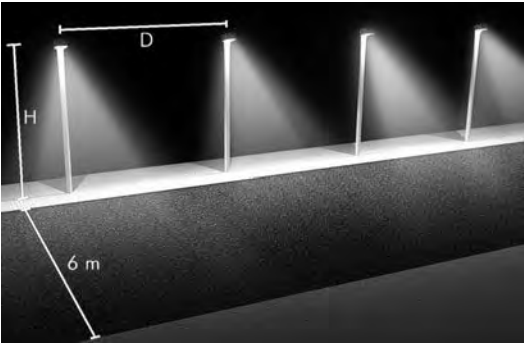
Part number*	Colour	Light source	Weight	Half beam angle γ	
8 281 345 359	black	46 x LED 1.2 W neutral white	8.0 kg	C 0 – 180	C 90 – 270
8 281 365 359	white			53°	136°
8 281 355 359	silver grey				

*These luminaires are also available with warm white LEDs upon request.



Typical illumination levels and uniformity values

	Fluxa A LED - with arm		
H	6 m	7 m	8 m
D	24 m	27 m	32 m
D/H	4	4	4
Eav	9 lx	7 lx	5 lx
Emin/Eav	0.38	0.37	0.36



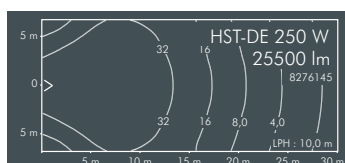
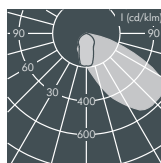
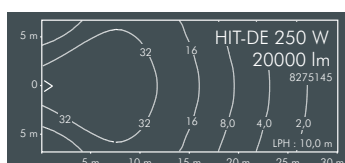
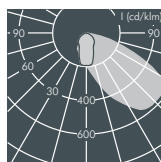
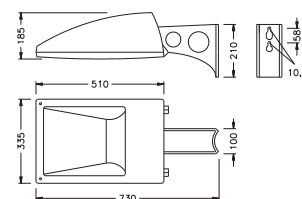
Light source

LEDs, replacement modules available



Fluxa B - with arm

For metal halide lamps (HIT-DE) and high pressure sodium lamps (HST-DE)
 protection class I, IP54 
 windage area AW 0.19 m²
 cast aluminium housing, polyester powder coated,
 asymmetrical high gloss aluminium reflector, all
 exterior steel parts are stainless steel, tempered
 safety glass, silicon gasket, closure with 2 stainless
 steel screws, hinged front frame, arm 230 mm,
 2 drilled holes Ø 10.5 mm, spacing 58 mm,
 M20 cable gland, integral LPF ballast and ignitor,
 HPF available on request (see page 362),
 supplied without lamp

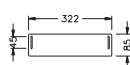
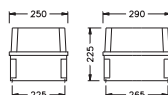
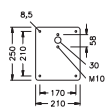


Fluxa B - with arm 250 W, HIT-DE

Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 275 145 009	black	HIT-DE 250 W	Fc2	14 kg	45°
8 275 155 009	silver grey				

Fluxa B - with arm 250 W, HST-DE

Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 276 145 009	black	HST-DE 250 W	Fc2	14 kg	45°
8 276 155 009	silver grey				



Accessories for Fluxa B - with arm and C - with arm

Part number	Colour	Description
122 0 133 940	black	Wall plate C* , for one luminaire Fluxa BA, CA, aluminium,
122 0 133 950	silver grey	polyester powder coated, for additional support on unstable surfaces

* Without the wall plate, stable installation is only possible on hard surfaces, e.g. metal. For installation on all normal surfaces, e.g. masonry, brick walls etc., the wall plate should be used.

Ballasts for Fluxa C - with arm 1000 W, IP65

Part number	Power factor	Description
118 0 001 009	LPF	Ballast for HIT- and HST-lamps 1000 W
118 0 002 009	HPF	Ballast for HIT-lamps 1000 W
118 0 003 009	HPF	Ballast for HST-lamps 1000 W

Accessories only for Fluxa B - with arm

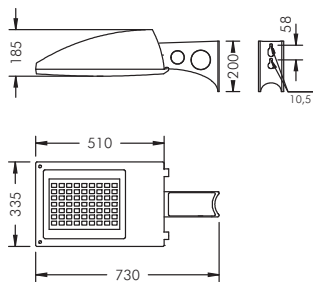
Part number	Description
232 0 116 000	Glare shield , adjustable 45 mm, to prevent glare from light reflected backwards

Lamps (see page 364–365)

HIT-DE

HST-DE





Fluxa B LED - with arm, wide beam

With high performance LEDs,
integral temperature monitoring device
protection class I, IP54 ⚡⚠
windage area AW 0,19 m²
cast aluminium housing, polyester powder coated,
all exterior steel parts are stainless steel, tempered
safety glass, silicon gasket, closure with 2 stainless
steel screws, hinged front frame, arm 230 mm,
2 drilled holes Ø 10.5 mm, spacing 58 mm,
M20 cable gland, integral converter

Fluxa B LED - with arm, wide beam, dimmable

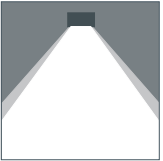
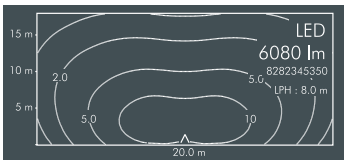
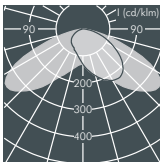
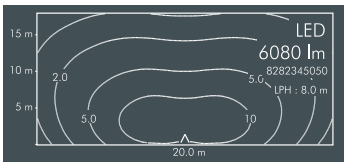
Part number*	Colour	Light source	Weight	Half beam angle γ	
8 282 345 059	black	52 x LED 1.6 W neutral white	12.0 kg	C 0 – 180	C 90 – 270
8 282 355 059	silver grey			69°	137°

*These luminaires are also available with warm white LEDs upon request.

Fluxa B LED - with arm, wide beam, dimmable 50%

Part number	Colour	Light source	Weight	Half beam angle γ	
8 282 345 359	black	52 x LED 1.6 W neutral white	12.0 kg	C 0 – 180	C 90 – 270
8 282 355 359	silver grey			69°	137°

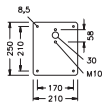
*These luminaires are also available with warm white LEDs upon request.



Accessories for Fluxa B LED - with arm and C - with arm

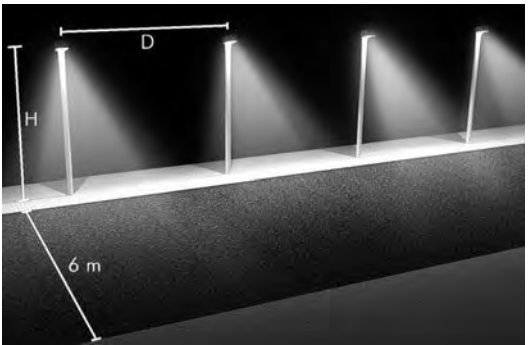
Part number	Colour	Description
122 0 133 940	black	Wall plate C* , for one luminaire Fluxa BA, CA, aluminium, polyester powder coated, for additional support on unstable surfaces
122 0 133 950	silver grey	

* Without the wall plate, stable installation is only possible on hard surfaces, e.g. metal. For installation on all normal surfaces, e.g. masonry, brick walls etc., the wall plate should be used.



Typical illumination levels and uniformity values

	Fluxa B LED - Ausleger		
	6 m	7 m	8 m
H	6 m	7 m	8 m
D	24 m	28 m	32 m
D/H	4	4	4
Eav	14 lx	11 lx	8 lx
Emin/Eav	0.46	0.44	0.43



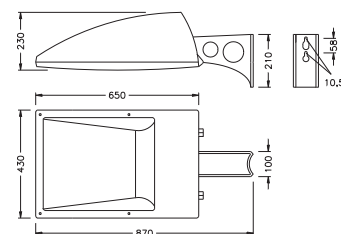
Light source

LEDs, replacement modules available

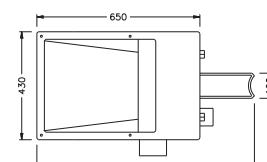


Fluxa C - with arm

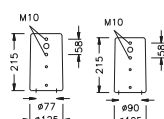
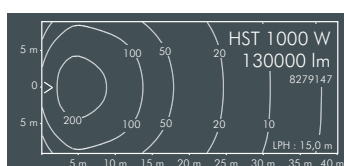
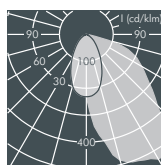
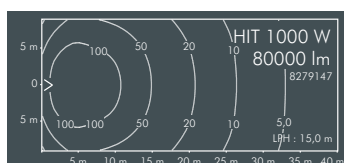
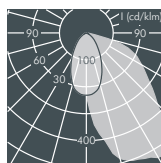
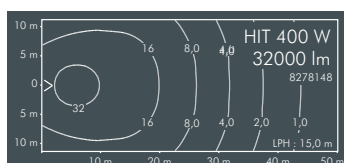
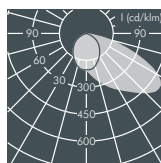
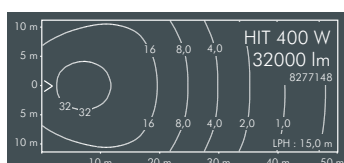
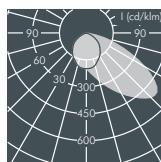
For metal halide lamps (HIT) and high pressure sodium lamps (HST) protection class I, IP54  windage area AW 0.3 m² cast aluminium housing, polyester powder coated, asymmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, hinged front frame, arm 230 mm, 2 drilled holes Ø 10.5 mm, spacing 58 mm, cable gland M20, integral LPF ballast (400 W) and ignitor, HPF ballast available (see page 362), supplied without lamp



400 W



1000 W



Fluxa C - with arm 400 W, HIT, lamp operating current up to 3.6 A

Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 277 148 009	black	HIT 400 W	E40	23.0 kg	50°
8 277 158 009	silver grey	lamp operating current up to 3.6 A			

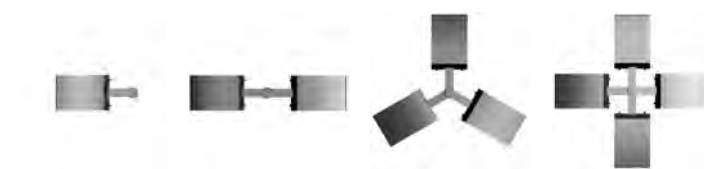
Fluxa C - with arm 400 W, HIT/HST, lamp operating current up to 4.4 A

Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 278 148 009	black	HIT 400 W, HST 400 W	E40	23.0 kg	55°
8 278 158 009	silver grey	lamp operating current up to 4.4 A			

Fluxa C - with arm 1000 W, HIT/HST, separate ballast required (see page 237)

Part number	Colour	Lamp	Lampholder	Weight	Main beam angle γ
8 279 147 009	black	HIT 1000 W, HST 1000 W	E40	18.6 kg	33°
8 279 157 009	silver grey				

Glare shield (see page 226)



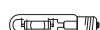
Accessories for Fluxa A -, B - and C - with arm

Part number (Ø 76 mm)	Part number (Ø 89 mm)	Colour	Version	Description
122 0 141 940	122 0 151 940	black	for 1 luminaire	Pole top fitter* aluminium, polyester powder coated, for poles Ø 76 and Ø 89 mm
122 0 141 950	122 0 151 950	silver grey		
122 0 142 940	122 0 152 940	black	for 2 luminaires	
122 0 142 950	122 0 152 950	silver grey		
122 0 143 940	122 0 153 940	black	for 3 luminaires	
122 0 143 950	122 0 153 950	silver grey		
122 0 144 940	122 0 154 940	black	for 4 luminaires	
122 0 144 950	122 0 154 950	silver grey		

* The choice of pole must be negotiated with the pole manufacturer and depends on the maximum permissible load of the pole in question. If necessary, a reducer should be used.

Lamps (see page 364–365)

HIT



HST





Pole top/wall mount luminaires are used for symmetrical and uniform area lighting. They can be mounted either on a pole or wall and are characterized by their very slim profile. These luminaires are available for compact fluorescent, high pressure sodium lamps and high pressure mercury lamps.

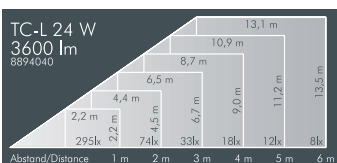
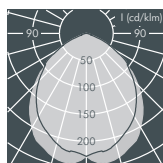
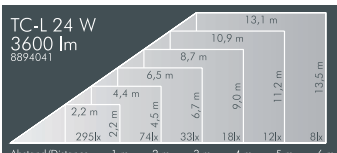
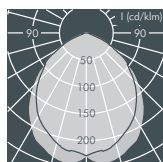
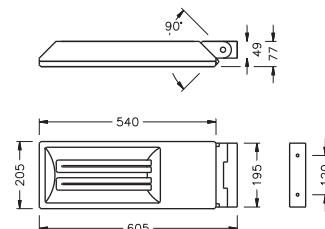
Post top luminaire

For compact fluorescent lamps (TC-L)

protection class I, IP54

windage area AW 0.12 m²

die cast aluminium housing, polyester powder coated, symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, powder coated stainless steel clamp, hinged front frame, mounting plate: 2 drilled holes Ø 8.5 mm, spacing 120 mm, fixed position at 45° angle (luminaire without joint), tilt range 90° (luminaire with joint), PG 13.5 cable gland, glare limitation class: KB1 according to DIN 5044, integral starter and LPF ballast, HPF available on request (see page 362), supplied without lamp



Post top/wall mount luminaire with joint

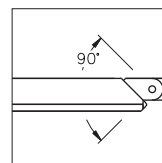
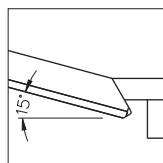
Part number *	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 894 041 009	black	2 x TC-L 24 W	2G11	5.5 kg	C 0 – 180	C 90 – 270
8 894 061 009	white				96°	95°
8 894 051 009	silver grey					

Post top/wall mount luminaire without joint

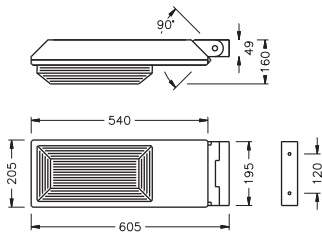
Part number *	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 894 040 009	black	2 x TC-L 24 W	2G11	4.7 kg	C 0 – 180	C 90 – 270
8 894 060 009	white				96°	95°
8 894 050 009	silver grey					

* Can also be supplied with electronic ballast.

The version without joint has a angle of 45°. If mounted on the pole adapter for one or two luminaires, the fitting automatically has an angle of 15°.



The version with joint has a tilt range of 90°.



Post top luminaire

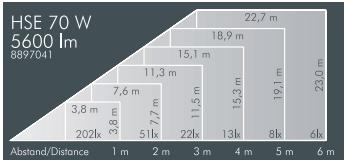
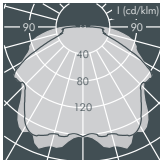
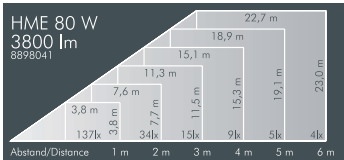
For high pressure mercury lamps (HME) and high pressure sodium lamps (HSE)
protection class I, IP54 ⚡ ⚠ ⚡
windage area AW 0.13 m²
die cast aluminium housing, polyester powder coated, symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, clear UV stabilized polycarbonate lense, silicon gasket, powder coated stainless steel clamp, hinged front frame, mounting plate: 2 drilled holes Ø 8.5 mm, (luminaire without joint) or tilt range 90° (luminaire with joint), PG 13.5 cable gland, glare limitation class: KB2 according to DIN 5044, integral LPF ballast and ignitor, HPF available on request, (see page 362), supplied without lamp

Post top/wall mount luminaire with joint

Part number	Colour	Lamp	Lampholder	Weight	Beam angle γ	
8 898 041 009	black	HME 80 W or HME 125 W	E27	4,7 kg	C 0 – 180	C 90 – 270
8 898 061 009	white				126°	124°
8 898 051 009	silver grey					

Post top/wall mount luminaire with joint HSE 70 W

Part number	Colour	Lamp	Lampholder	Weight	Beam angle γ	
8 897 041 009	black	HSE 70 W	E27	4,8 kg	C 0 – 180	C 90 – 270
8 897 061 009	white				126°	124°
8 897 051 009	silver grey					

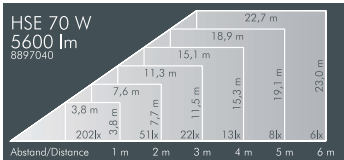
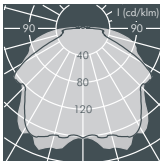
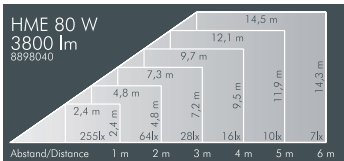


Post top/wall mount luminaire without joint

Part number	Colour	Lamp	Lampholder	Weight	Beam angle γ	
8 898 040 009	black	HME 80 W or HME 125 W	E27	3,9 kg	C 0 – 180	C 90 – 270
8 898 060 009	white				126°	124°
8 898 050 009	silver grey					

Post top/wall mount luminaire without joint HSE 70 W

Part number	Colour	Lamp	Lampholder	Weight	Beam angle γ	
8 897 040 009	black	HSE 70 W	E27	4,0 kg	C 0 – 180	C 90 – 270
8 897 060 009	white				126°	124°
8 897 050 009	silver grey					



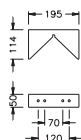
Lamps (see page 364–365)

HME



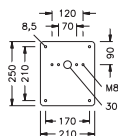
HSE



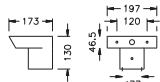


Accessories for post top/wall mount luminaire

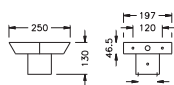
Part number	Colour	Description
128 0 086 940	black	Corner fixing bracket B , aluminium, polyester powder coated, for mounting floodlights on 90° corners
128 0 086 960	white	
128 0 086 950	silver grey	



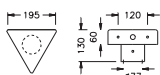
Part number	Colour	Description
128 0 232 940	black	Wall plate B , aluminium, polyester powder coated, for additional support on unstable surfaces
128 0 232 960	white	
128 0 232 950	silver grey	



Part number	Colour	Description
128 0 199 940	black	Pole top fitter for one luminaire , aluminium, polyester powder coated, for pole Ø 76 mm
128 0 199 960	white	
128 0 199 950	silver grey	



Part number	Colour	Description
128 0 200 940	black	Pole top fitter for two luminaires , aluminium, polyester powder coated, for pole Ø 76 mm
128 0 200 960	white	
128 0 200 950	silver grey	



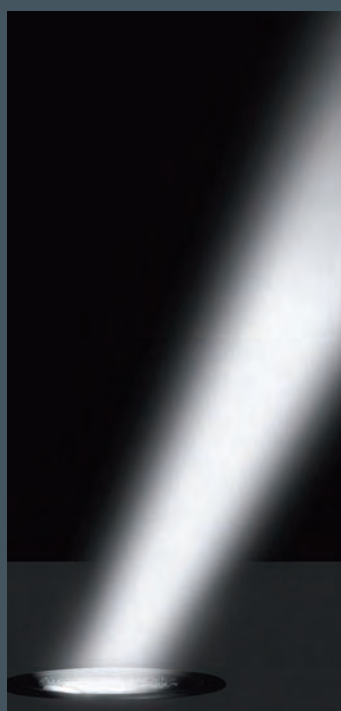
Part number	Colour	Description
128 0 073 940	black	Pole top fitter for three luminaires , aluminium, polyester powder coated, for pole Ø 76 mm
128 0 073 960	white	
128 0 073 950	silver grey	



Pole top adapters for one, two or three luminaires are available as accessories.



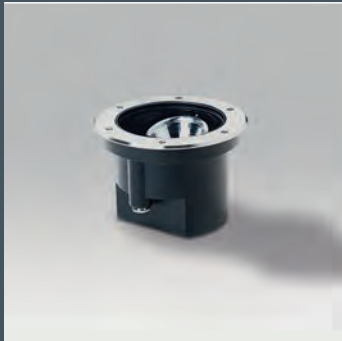
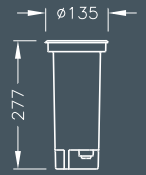
The range of ground-recessed uplighters includes products for various illumination purposes. There is a choice of five series in different dimensions and wattages which are available with symmetrical, asymmetrical or adjustable reflectors. The range of accessories includes louvers, optical lenses and a heat block filter.





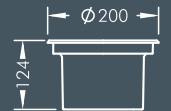
HIT-TC-CE 20 W

adjustable optics



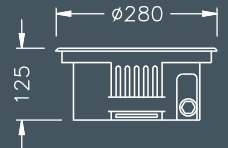
5 x LED 1 W
HIT-TC-CE 20 W

adjustable optics



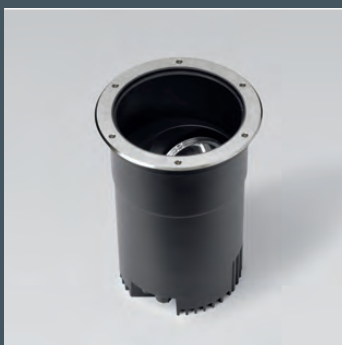
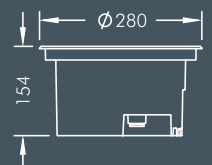
5 x LED 3 W
HIT-TC-CE 35 W
TC-T 26 W

adjustable optics
asymmetrical
narrow beam
medium wide beam



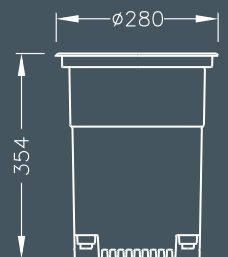
HIT-TC-CE 70 W

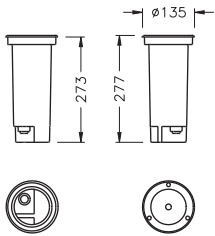
adjustable optics



HIT-CE 70 W
HIT-CE 150 W
HIE
HSE
HME

adjustable optics





Ground-recessed uplighters
Rotationally symmetrical,
adjustable optics

For ceramic metal halide lamps (HIT-TC-CE)
protection class I, IP67 , IK10
cast aluminium housing, double powder coated,
gimbal mounted rotationally symmetrical aluminium
reflector, adjustable 0 – 15°,
all exterior steel parts stainless steel,
tempered safety glass flush with trim,
for loads up to max. 5000 kg
(according to DIN IEC 60598-2-13),
silicon gasket, stainless steel ring,
closure with 3 stainless steel screws,
M20 cable gland with 0.8 M cable HO5RN-F3G1,
integral, encapsulated electronic ballast,
supplied without lamp

Ground-recessed uplighter, gimbal mounted, adjustable reflector,
rotationally symmetrical narrow beam

Part number	Lamp	Lampholder	Temperature*	Tilt range	Half beam angle γ
8 620 011 009	Philips CDM-Tm 20 W	PGJ5	75° C	0 – 15°	7°

* With the heat-block filter (see accessories) the surface temperature of the glass is reduced to max. **68° C**

Part number	Lamp	Lampholder	Temperature*	Tilt range	Half beam angle γ
8 621 011 009	General Electric CMH 20 W	GU6.5	71° C	0 – 15°	7°
	Osram HCI-TF 20 W				

* With the heat-block filter (see accessories) the surface temperature of the glass is reduced to max. **64° C**

Ground-recessed uplighter, gimbal mounted, adjustable reflector,
rotationally symmetrical wide beam

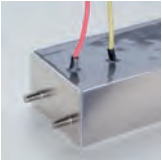
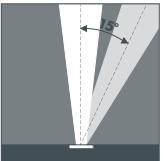
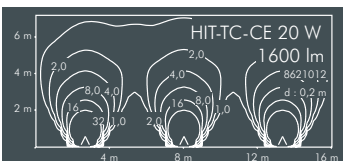
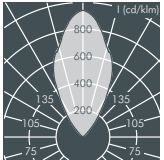
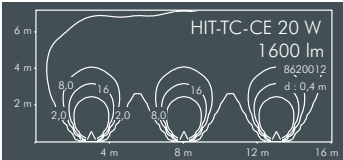
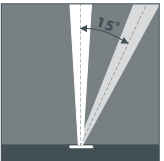
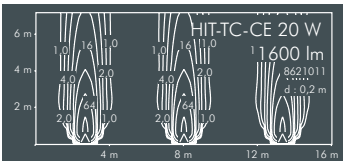
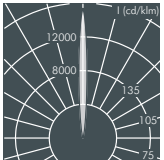
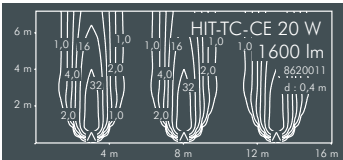
Part number	Lamp	Lampholder	Temperature*	Tilt range	Half beam angle γ
8 620 012 009	Philips CDM-Tm 20 W	PGJ5	69° C	0 – 15°	44°

* With the heat-block filter (see accessories) the surface temperature of the glass is reduced to max. **62° C**

Part number	Lamp	Lampholder	Temperature*	Tilt range	Half beam angle γ
8 621 012 009	General Electric CMH 20 W	GU6.5	65° C	0 – 15°	44°
	Osram HCI-TF 20 W				

* With the heat-block filter (see accessories) the surface temperature of the glass is reduced to max. **58° C**

Part number	Description
. 069	Luminaire for installation flush with surrounding surface (in combination with installation sleeve 126 0 198 060)



Encapsulated electronic ballasts are used
inside the IP67 rated housing, thus ensuring
optimal protection against humidity.

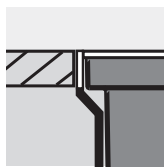
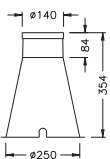
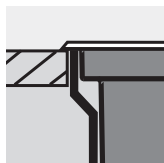
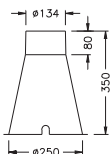
Lamps (see page 364–365)

HIT-TC-CE



HIT-TC-CE

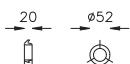




Accessories for ground-recessed uplighters with gimbal mounted adjustable reflector, narrow and wide beam

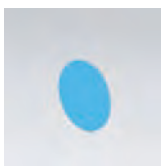
Part number	Description
126 0 198 000	Installation sleeve , polypropylene, for luminaire with overlapping trim (for luminaires 009)

Part number	Description
126 0 198 060	Installation sleeve , polypropylene, for luminaire with trim for flush mounting (for luminaires 069)

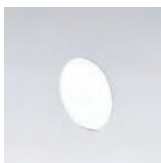


Accessories for ground-recessed uplighter, gimbal mounted, adjustable reflector, narrow and wide beam

Part number	Description
126 0 167 940	Radial louvre to reduce lateral glare



Part number	Colour	Description
126 0 201 000	yellow	Dichroic glass colour filter
126 0 203 000	blue	
126 0 207 000	red	
126 0 208 000	green	

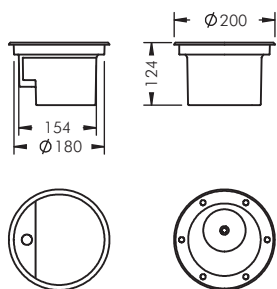


Part number	Description
126 0 204 000	Heat-block filter , to reduce the surface temperature of the glass



Accessories for ground-recessed uplighter, gimbal mounted, adjustable reflector, narrow beam

Part number	Description
126 0 165 000	Ribbed glass for linear beam control, continuously adjustable through 360°



Ground-recessed uplighters
Rotationally symmetrical,
adjustable optics

For ceramic metal halide lamps (HIT-TC-CE)
protection class I, IP67 $\blacklozenge\blacklozenge\blacklozenge$, IK10
die cast aluminium housing, double powder coated,
rotationally symmetrical reflector, adjustable, tilt
range 0-15°, lockable, all exterior steel parts are
stainless steel, tempered safety glass flush with
frame, for loads up to max. 5000 kg (according to
DIN IEC 60598-2-13), silicon gasket, stainless
steel trim ring with 6 V4A stainless steel screws,
M20 cable gland, with 0.8 m cable type
H07RN-F3G1,5, integral encapsulated electronic
ballast, supplied without lamp

Ground-recessed uplighter, adjustable optics, rotationally symmetrical, narrow beam

Part number	Lamp	Lampholder	Temperature*	Tilt range	Half beam angle γ
8 616 011 009	Philips CDM-Tm 20 W	PGJ5	74°	0 – 15°	8°

* With the heat block filter (see accessories) the surface temperature of the glass is reduced to **67° C**

Part number	Lamp	Lampholder	Temperature*	Tilt range	Half beam angle γ
8 617 011 009	General Electric CMH 20 W/ Osram HCL-TF 20 W	GU6.5	70°	0 – 15°	8°

* With the heat block filter (see accessories) the surface temperature of the glass is reduced to **63° C**

Ground-recessed uplighter, adjustable optics, rotationally symmetrical, medium wide beam

Part number	Lamp	Lampholder	Temperature*	Tilt range	Half beam angle γ
8 616 012 009	Philips CDM-Tm 20 W	PGJ5	68°	0 – 15°	25°

* With the heat block filter (see accessories) the surface temperature of the glass is reduced to **61° C**

Part number	Lamp	Lampholder	Temperature*	Tilt range	Half beam angle γ
8 617 012 009	General Electric CMH 20 W/ Osram HCL-TF 20 W	GU6.5	64°	0 – 15°	25°

* With the heat block filter (see accessories) the surface temperature of the glass is reduced to **57° C**

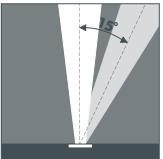
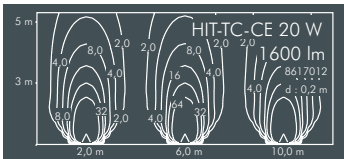
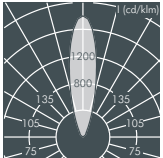
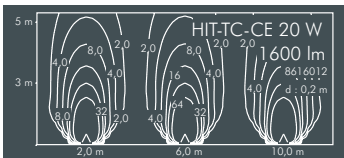
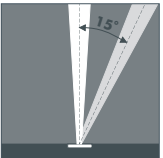
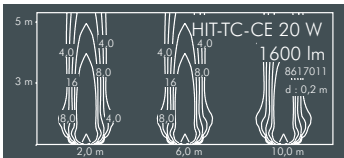
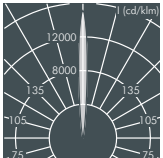
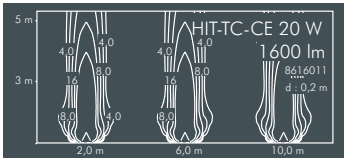
Part number	Description
... 1.. 009	Luminaire with slip resistant glass*

*The light distribution becomes more diffuse

Part number	Description
... .. 069	Luminaire for installation flush with surrounding surface (in combination with installation sleeve 126 0 232 060)



Once aimed at the desired angle, the reflector
can be locked into place with screws so that it
is not misaligned during maintenance.



Lamps (see page 364–365)

HIT-TC-CE

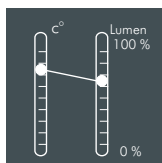
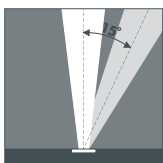
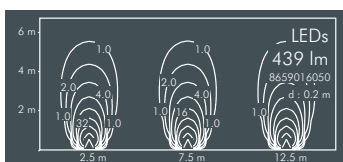
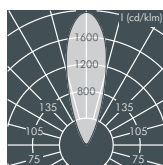
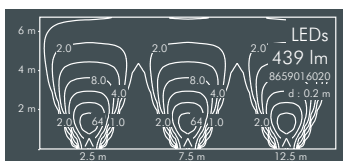
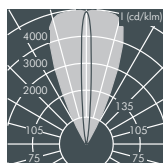
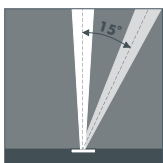
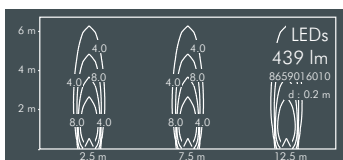
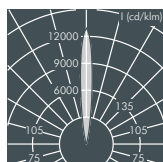
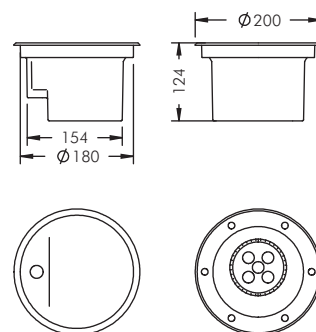


HIT-TC-CE



LED ground-recessed uplighters adjustable optics

With 5 x 1 W high performance LEDs, integral temperature monitoring device protection class I, IP67 $\blacklozenge$ $\blacklozenge$ $\blacklozenge$, IK10 die cast aluminium housing, double powder coated, rotationally symmetrical reflector, adjustable, tilt range 0-15°, lockable, all exterior steel parts are stainless steel, tempered safety glass flush with frame, for loads up to max. 5000 kg (according to DIN IEC 60598-2-13), silicon gasket, stainless steel trim ring with 6 V4A stainless steel screws, M20 cable gland, with 0.8 m cable type H07RN-F3G1,5, integral converter



The integral thermal monitoring device adjusts the light output if a change in temperature makes it necessary. This feedback function contributes to a longer life span of the LED modules.

Ground-recessed uplighter, gimbal mounted, narrow beam

Part number	Light source	Temperature	Tilt range	Half beam angle γ
8 659 016 019	5 x LED 1 W warm white	32° C	0 – 15°	11°

Part number	Light source	Temperature	Tilt range	Half beam angle γ
8 659 015 019	5 x LED 1 W neutral white	32° C	0 – 15°	11°

Ground-recessed uplighter, gimbal mounted, linear beam spread

Part number	Light source	Temperature	Tilt range	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 659 016 029	5 x LED 1 W warm white	32°	0 – 15°	9°	48°

Part number	Light source	Temperature	Tilt range	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 659 015 029	5 x LED 1 W neutral white	32°	0 – 15°	9°	48°

Ground-recessed uplighter, gimbal mounted, wide beam

Part number	Light source	Temperature	Tilt range	Half beam angle γ
8 659 016 059	5 x LED 1 W warm white	32° C	0-15°	33°

Part number	Light source	Temperature	Tilt range	Half beam angle γ
8 659 015 059	5 x LED 1 W neutral white	32°	0-15°	33°

Part number	Description
8 660	Luminaire for installation flush with surrounding surface (in combination with installation sleeve 126 0 232 060)

Light source

LEDs, replacement modules available



Accessories for ground-recessed uplighters, narrow and medium wide beam	
Part number	Description
126 0 232 000	Polypropylene installation sleeve, for luminaires with overlapping trim ring (for luminaires 009 and for LED uplighters 8 659)

Part number	Description
126 0 232 060	Polypropylene installation sleeve, for luminaires with trim ring for flush mounting (for luminaires 069 and for LED uplighters 8 660)

Part number*	Colour	Description
126 0 241 000	yellow	Colour filter
126 0 243 000	blue	
126 0 247 000	red	
126 0 248 000	green	

*Not available for LED uplighters.

Part number*	Description
126 0 240 000	Heat block filter, reduces the surface temperature on the glass

*Not available for LED uplighters.

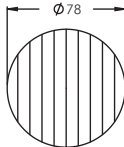
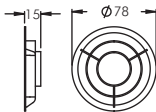
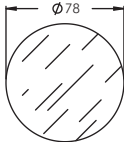
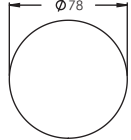
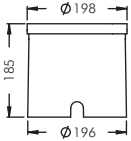
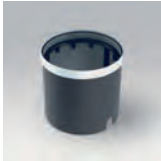
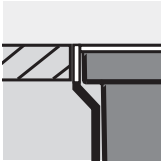
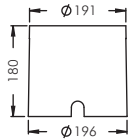
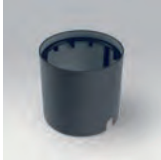
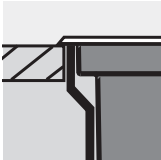
Part number*	Description
126 0 239 940	Radial louvre, to reduce lateral glare

*Not available for LED uplighters

Accessories for ground-recessed uplighters, narrow beam	
Part number*	Description
126 0 249 000	Ribbed glass spreader lense, for linear beam control, continuously adjustable through 360°

*Not available for LED uplighters

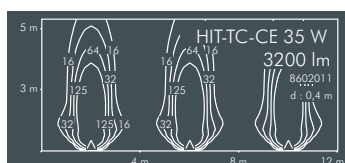
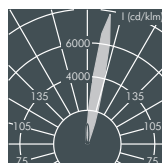
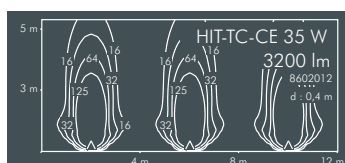
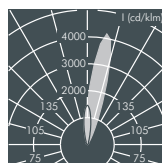
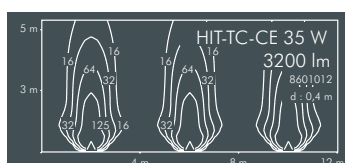
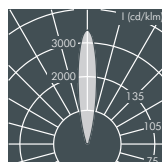
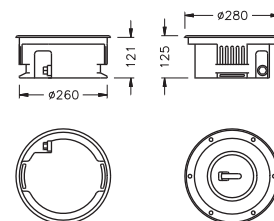
Part number	Description
226 0 161 000	Connection box, for single connection to one luminaire or for through wiring with buried cable. For luminaires supplied with cable and installation sleeve.



Ground-recessed uplighters

Rotationally symmetrical/asymmetrical

For ceramic metal halide lamps (HIT-TC-CE)
 protection class I, IP67 , IK10
 cast aluminium housing, double powder coated,
 rotationally symmetrical or asymmetrical aluminium
 reflector, all exterior steel parts are stainless steel,
 tempered safety glass flush with frame, for loads
 up to max. 5000 kg (according to DIN IEC
 60598-2-13), silicon gasket, stainless steel cover
 ring, closure with 6 stainless steel screws,
 M20 cable gland with 0.8 M cable
 H07RN-F3G1.5, stainless steel cable gland, facility
 for through wiring, integral ignitor and LPF ballast,
 HPF available on request (see page 362),
 supplied without lamp



Ground-recessed uplighters, rotationally symmetrical medium wide beam

Part number	Lamp	Lampholder	Temperature*	Half beam angle γ
8 601 012 009	HIT-TC-CE 35 W	G8.5	86° C	18°

* With the heat-block filter (see accessories) the surface temperature of the glass is reduced to **69° C**.

Ground-recessed uplighters, asymmetrical medium wide beam

Part number	Lamp	Lampholder	Temperature*	Half beam angle γ	Main beam angle
8 602 012 009	HIT-TC-CE 35 W	G8.5	86° C	16°	10°

* With the heat-block filter (see accessories) the surface temperature of the glass is reduced to **69° C**.

Ground-recessed uplighters, asymmetrical narrow beam

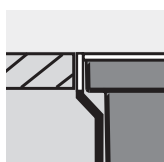
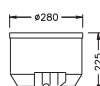
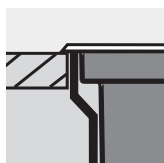
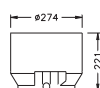
Part number	Lamp	Lampholder	Temperature*	Half beam angle γ	Main beam angle
8 602 011 009	HIT-TC-CE 35 W	G8.5	88° C	10°	10°

* With the heat-block filter (see accessories) the surface temperature of the glass is reduced to **71° C**.

Part number	Description
. . . . 1 . . 009	Luminaire with slip-resistant glass*

* The light distribution becomes more diffused.

Part number	Description
. 069	Luminaire for installation flush with surrounding surface (in combination with installation sleeve 126 0 160 060)



Accessories for ground-recessed uplighters

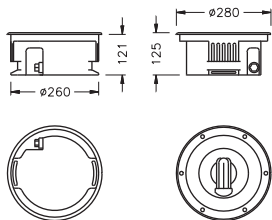
Part number	Description
126 0 160 000	Installation sleeve , polypropylene, for luminaire with overlapping trim (for luminaires 009)

Part number	Description
126 0 160 060	Installation sleeve , polypropylene, for luminaire with trim for flush mounting (for luminaires 069)

Lamps (see page 364–365)

HIT-TC-CE



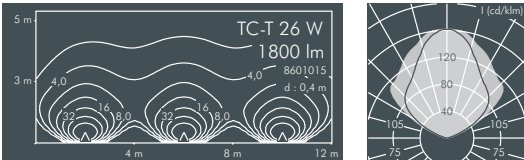


Ground-recessed uplighters
Rotationally symmetrical wide beam

For compact fluorescent lamps (TC-T)
protection class I, IP67 , IK10
cast aluminium housing, double powder coated,
rotationally symmetrical aluminium reflector
(satin finish), all exterior steel parts are stainless
steel, tempered safety glass flush with frame, for
loads up to max. 5000 kg, (according to DIN
IEC 60598-2-13), silicon gasket, stainless steel
cover ring, closure with 6 stainless steel screws,
M20 cable gland with 0.8 M cable
H07RN-F3G1.5, stainless steel cable gland,
facility for through wiring, integral LPF ballast,
HPF available on request (see page 362), supplied
without lamp

Ground-recessed uplighters, rotationally symmetrical wide beam

Part number	Lamp	Lampholder	Temperature	Half beam angle γ
8 601 015 009	TC-T 26 W	GX24d-3	60° C	105°



Part number	Description
. . . . 1 . . 009	Luminaire with slip-resistant glass*

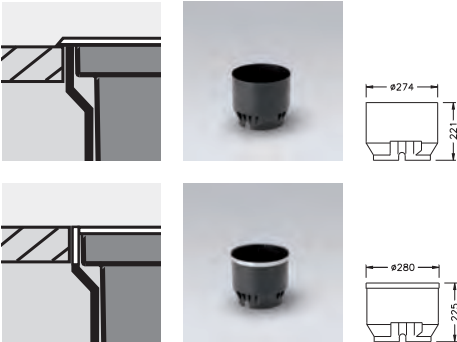
* The light distribution becomes more diffused.

Part number	Description
. 069	Luminaire for installation flush with surrounding surface (in combination with installation sleeve 126 0 160 060)

Accessories for ground-recessed uplighters

Part number	Description
126 0 160 000	Installation sleeve , polypropylene, for luminaire with overlapping trim (for luminaires 009)

Part number	Description
126 0 160 060	Installation sleeve , polypropylene, for luminaire with trim for flush mounting (for luminaires 069)



Lamps (see page 364–365)

TC-T





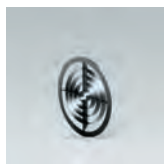
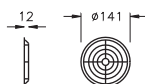
Accessories for ground-recessed uplighters/rotationally symmetrical and asymmetrical

Part number	Colour	Description
126 0 111 000	yellow	Colour filters
126 0 113 000	blue	
126 0 117 000	red	
126 0 118 000	green	



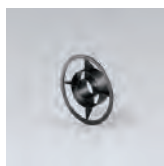
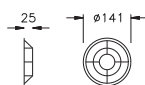
Accessories for ground-recessed uplighters/rotationally symmetrical and asymmetrical, with ceramic metal halide lamp (HIT-TC-CE)

Part number	Description
126 0 114 000	Heat-block filter, reduces the surface temperature on the glass



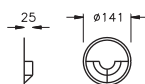
Accessories for ground-recessed uplighters/rotationally symmetrical, with compact fluorescent lamp (TC-T)

Part number	Description
126 0 163 940	Radial louvre, to reduce lateral glare, internally fitted



Accessories for ground-recessed uplighters/rotationally symmetrical with ceramic metal halide lamps (HIT-TC-CE)

Part number	Description
126 0 119 940	Radial louvre, to reduce lateral glare, internally fitted

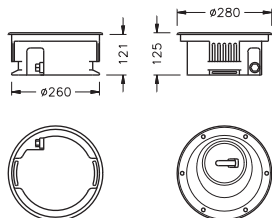


Accessories for ground-recessed uplighters/asymmetrical, with ceramic metal halide lamps (HIT-TC-CE)

Part number	Description
126 0 125 940	Radial louvre, to reduce lateral glare, internally fitted

Accessories for ground-recessed uplighters/rotationally symmetrical and asymmetrical

Part number	Description
226 0 161 000	Cast-resin connection box, for single connection to luminaire or for through wiring with buried cable. For luminaires supplied with cable and installation sleeve (recess box).



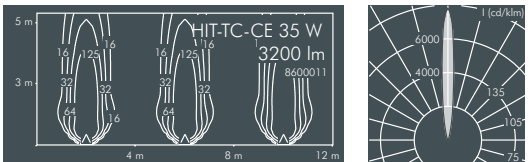
Ground-recessed uplighters
Rotationally symmetrical,
adjustable optics

For ceramic metal halide lamps (HIT-TC-CE)
protection class I, IP67 $\blacklozenge\blacklozenge\blacklozenge$, IK10
cast aluminium housing, double powder coated,
rotationally symmetrical aluminium reflector, tilt range
0-25°, all exterior steel parts are stainless steel,
tempered safety glass flush with frame, for loads up
to max. 5000 kg (according to DIN IEC
60598-2-13), silicon gasket, stainless steel cover
ring, closure with 6 stainless steel screws,
M20 cable gland with 0.8 M cable
H07RN-F3G1.5, stainless steel cable gland, facility
for through wiring, integral LPF ballast and ignitor,
HPF available on request (see page 362), supplied
without lamp

Ground-recessed uplighters, adjustable optics, rotationally symmetrical narrow beam

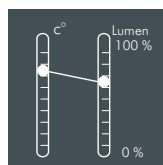
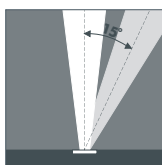
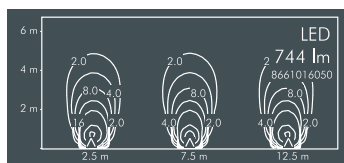
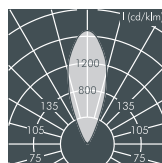
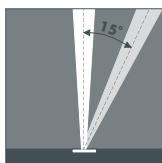
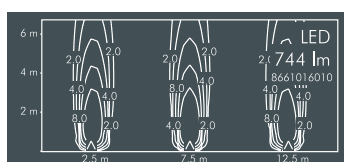
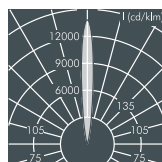
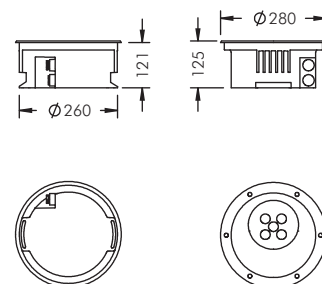
Part number	Lamp	Lampholder	Temperature*	Tilt range	Half beam angle γ
8 600 011 009	HIT-TC-CE 35 W	G8.5	74° C	0 – 25°	10°

* With the heat-block filter (see accessories) the surface temperature of the glass is reduced to **69° C**.

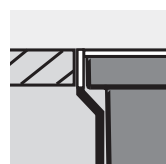
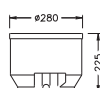
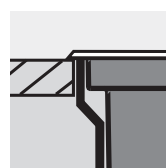
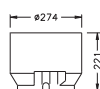


LED ground-recessed uplighters adjustable optics

With 5 x 3 W high performance LEDs, integral temperature monitoring device protection class I, IP67 $\blacklozenge \blacklozenge \blacklozenge$, IK10 die cast aluminium housing, double powder coated, tilt range 0-15°, all exterior steel parts are stainless steel, tempered safety glass flush with frame, for loads up to max. 5000 kg (according to DIN IEC 60598-2-13), silicon gasket, stainless steel trim ring with 6 V4A stainless steel screws, M20 cable gland, with 0.8 m cable type H07RN-F3G1,5, facility for through wiring, integral converter



The integral thermal monitoring device adjusts the light output if a change in temperature makes it necessary. This feedback function contributes to a longer life span of the LED modules.



Light source

LEDs, replacement modules available



Ground-recessed uplighter, gimbal mounted, narrow beam

Part number	Light source	Temperature	Tilt range	Half beam angle γ
8 661 016 019	5 x LED 3 W warm white	35° C	0 – 15°	10°

Part number	Light source	Temperature	Tilt range	Half beam angle γ
8 661 015 019	5 x LED 3 W neutral white	35° C	0 – 15°	10°

Part number	Description
. 029	Luminaire with linear beam control, vertical
. 039	Luminaire with linear beam control, horizontal

Ground-recessed uplighter, gimbal mounted, wide beam

Part number	Light source	Temperature	Tilt range	Half beam angle γ
8 661 016 059	5 x LED 3 W warm white	35° C	0 – 15°	38°

Part number	Light source	Temperature	Tilt range	Half beam angle γ
8 661 015 059	5 x LED 3 W neutral white	35° C	0 – 15°	38°

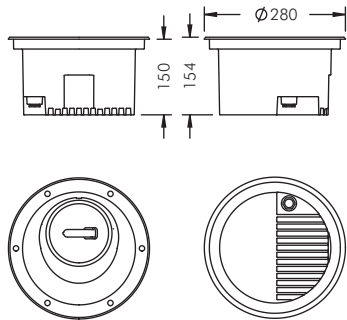
Part number	Description
. 1 . . . 9	Luminaire with slip-resistant glass (The light distribution becomes more diffused.)

Part number	Description
8 662 9	Ground-recessed uplighters for installation flush with surrounding surface (in combination with installation sleeve 126 0 160 060)

Accessories for ground-recessed uplighters/adjustable optics, HIT und LED

Part number	Description
126 0 160 000	Installation sleeve , polypropylene, for luminaire with overlapping trim (for luminaires 009 and for LED-floodlights 8 661 9)

Part number	Description
126 0 160 060	Installation sleeve , polypropylene, for luminaire with trim for flush mounting (for luminaires 069 and for LED-floodlights 8 662 9)



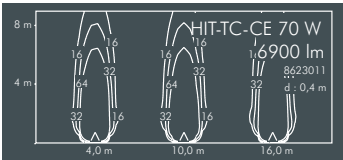
Ground-recessed uplighters
Rotationally symmetrical,
adjustable optics

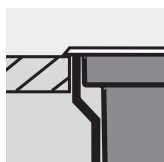
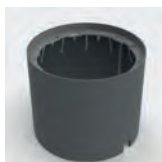
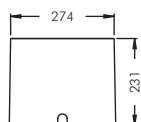
For ceramic metal halide lamps (HIT-TC-CE), protection class I, IP67 , IK10 cast aluminium housing, double polyester powder coated, rotationally symmetrical aluminium reflector, adjustment range 0-25°, lockable, all exterior steel parts are stainless steel, tempered safety glass flush with trim ring, for loads of up to max. 5000 kg (according to DIN IEC 60598-2-13), silicon gasket, stainless steel trim ring and 6 stainless steel screws, M20 stainless steel cable gland with 0.8 m cable type H05RN-F-3G1, integral LPF control gear, HPF available on request (see page 362), supplied without lamp

Ground-recessed uplighter, adjustable optics, rotationally symmetrical narrow beam

Part number	Lamp	Lampholder	Temperature	Tilt range	Half beam angle γ
8 623 011 009	HIT-TC-CE 70 W	G8.5	78° C	0 – 25°	10°

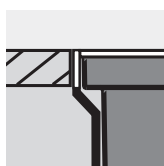
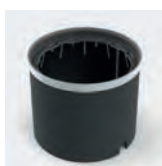
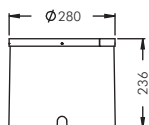
* With the heat block filter (see accessories) the surface temperature of the glass is reduced to **69° C**.



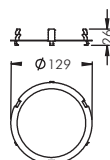


Accessories for ground-recessed uplighters with adjustable optics, narrow and medium wide beam

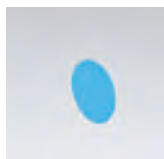
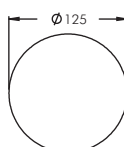
Part number	Description
126 0 250 000	Installation sleeve , polypropylene, for luminaires with overlapping trim ring (for luminaires 009)



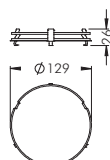
Part number	Description
126 0 250 060	Installation sleeve , polypropylene, for luminaires with trim ring for flush installation (for luminaires 069)



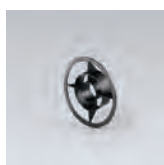
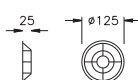
Part number	Description
126 0 238 000	Carrier ring , for colour filters and ribbed glass spreader lense



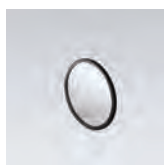
Part number	Colour	Description
126 0 251 000	yellow	Colour filter , in combination with carrier ring
126 0 253 000	blue	
126 0 257 000	red	
126 0 258 000	green	



Part number	Description
126 0 259 000	Heat block filter , set with double filter, to reduce the surface temperature of the glass



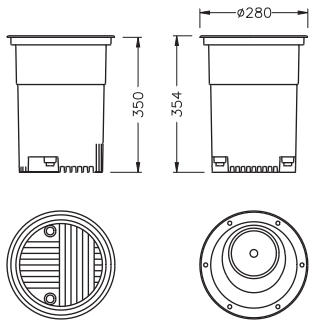
Part number	Description
126 0 120 940	Radial louvre , to reduce lateral glare



Accessories for ground-recessed uplighters with adjustable optics, narrow beam

Part number	Description
126 0 122 000	Ribbed glass spreader lense , for linear beam control, continuously adjustable 360°, in combination with carrier ring

Part number	Description
226 0 161 000	Connection box , for single connection of one luminaire or for through wiring with buried cable. For luminaires with cable and installation sleeve.



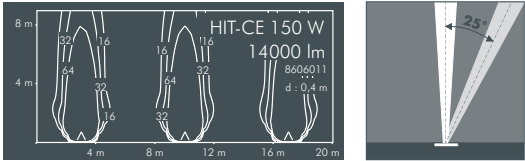
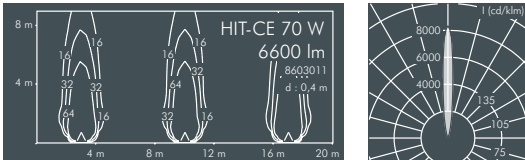
Ground-recessed uplighters Rotationally symmetrical, adjustable optics

For metal halide lamps (HIT)
or ceramic metal halide lamps (HIT-CE)
protection class I, IP67 , IK10
cast aluminium housing, double powder coated,
rotationally symmetrical aluminium reflector,
adjustable 0 – 25°, all exterior steel parts stainless
steel, tempered safety glass flush with trim, for loads
up to max. 5000 kg (according to DIN IEC
60598-2-13), silicon gasket, stainless steel ring,
closure with 6 stainless steel screws, stainless steel
M20 cable gland with 0.8 M cable,
H07RN-F3G1.5, through wiring possible, integral
LPF ballast and ignitor, HPF available on request,
(see page 362), supplied without lamp

Ground-recessed uplighter, adjustable optics, rotationally symmetrical narrow beam

Part number	Lamp	Lampholder	Temperature*	Tilt range	Half beam angle γ
8 603 011 009	HIT 70 W HIT-CE 70 W	G12	75° C	0 – 25°	11°
8 606 011 009	HIT 150 W HIT-CE 150 W	G12	125° C	0 – 25°	12°

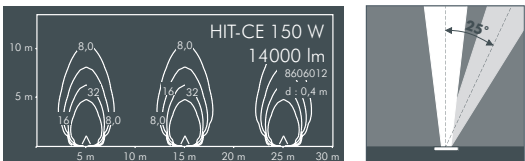
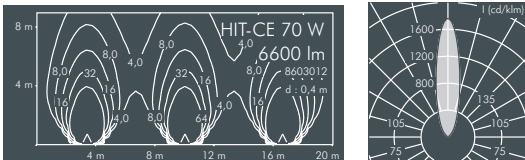
*With the heat-block filter the temperature on the glass is reduced to **65° C** (70 W) or **115° C** (150 W).



Ground-recessed uplighter, adjustable optics, rotationally symmetrical medium wide beam

Part number	Lamp	Lampholder	Temperature*	Tilt range	Half beam angle γ
8 603 012 009	HIT 70 W HIT-CE 70 W	G12	67° C	0 – 25°	24°
8 606 012 009	HIT 150 W HIT-CE 150 W	G12	110° C	0 – 25°	25°

*With the heat-block filter the temperature on the glass is reduced to **60° C** (70 W) or **100° C** (150 W).



Part number	Description
. . . . 1 . . 009	Luminaire with slip-resistant glass*

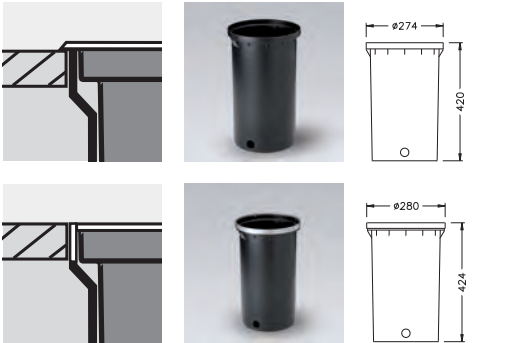
* The light distribution becomes more diffused.

Part number	Description
. 069	Luminaire for installation flush with surrounding surface (in combination with installation sleeve 126 0 170 060)

Accessories

Part number	Description
126 0 170 000	Installation sleeve , polypropylene, for luminaire with overlapping trim (for luminaires 009)

Part number	Description
126 0 170 060	Installation sleeve , polypropylene, for luminaire with trim for flush mounting (for luminaires 069)



Lamps (see page 364–365)



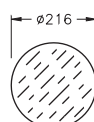


70 W

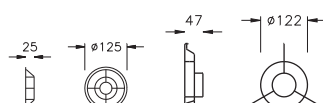
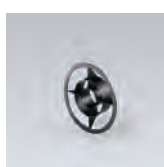


70 W

150 W



150 W


Accessories for ground-recessed uplighters 70 W adjustable optics, narrow and medium wide beam

Part number	Colour	Description
126 0 171 000	yellow	Colour filters
126 0 173 000	blue	
126 0 177 000	red	
126 0 178 000	green	

Accessories for ground-recessed uplighters 70 W/150 W adjustable optics, narrow and medium wide beam

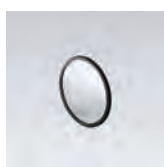
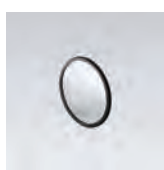
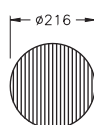
Part number	Description
126 0 169 000	Heat-block filter, 70 W to reduce the surface temperature on the glass
126 0 209 000	Heat-block filter, 150 W to reduce the surface temperature on the glass

Part number	Description
126 0 120 940	Radial louvre, 70 W to reduce lateral glare
126 0 210 940	Radial louvre, 150 W to reduce lateral glare

70 W



150 W


Accessories for ground-recessed uplighters, 70 W/150 W adjustable optics, narrow beam

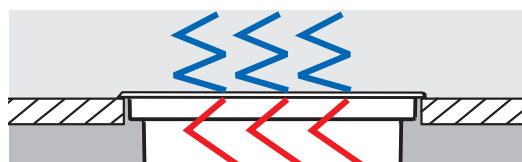
Part number	Description
126 0 168 000	Ribbed glass, 70 W for linear beam control, continuously adjustable through 360°
126 0 224 000	Ribbed glass, 150 W for linear beam control, continuously adjustable through 360°

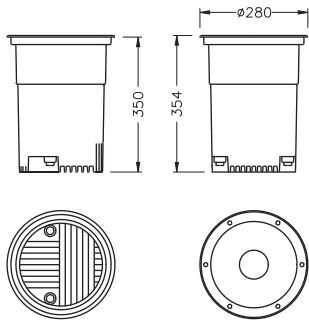
Accessories for ground-recessed uplighters, 70 W adjustable optics, narrow and medium wide beam

Part number	Description
126 0 213 000	Prismatic glass, for diffused light distribution

Accessories for ground-recessed uplighters, adjustable reflector

Part number	Description
226 0 161 000	Cast-resin connection box, for single connection to luminaire or for through wiring with buried cable. For luminaires supplied with cable and installation sleeve (recess box).



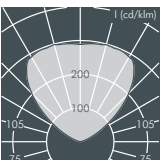
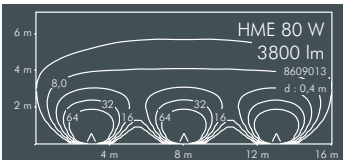
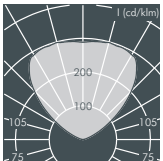
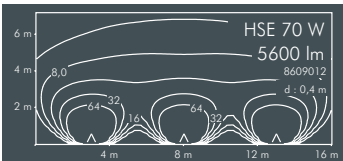
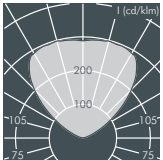
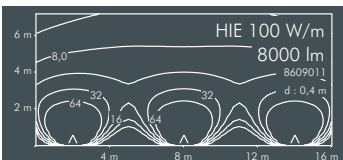


Ground-recessed uplighters
Rotationally symmetrical wide beam

For metal halide lamps (HIE)
high pressure mercury (HME),
or high pressure sodium lamps (HSE)
protection class I, IP67 , IK10
cast aluminium housing, double powder coated,
satin gloss aluminium reflector, all exterior steel parts
stainless steel, tempered safety glass flush with trim,
for loads up to max. 5000 kg (according to DIN
IEC 60598-2-13), silicon gasket, stainless steel ring,
closure with 6 stainless steel screws, stainless steel
M20 cable gland with 0.8 M cable
H07RN-F3G1.5, through wiring possible,
integral LPF ballast and ignitor (where required),
HPF available on request (see page 362),
supplied without lamp

Ground-recessed uplighters, rotationally symmetrical wide beam

Part number	Lamp	Lampholder	Temperature	Half beam angle γ
8 609 011 009	HIE 100 W/m	E27	112° C	60°
8 609 012 009	HSE 70 W		100° C	62°
8 609 013 009	HME 80/125 W		100/121° C	65°



Part number	Description
. . . . 1 . . 009	Luminaire with slip-resistant glass*

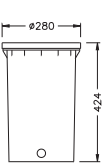
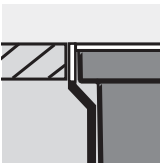
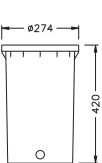
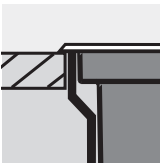
* The light distribution becomes more diffused.

Part number	Description
. 069	Luminaire for installation flush with surrounding surface (in combination with installation sleeve 126 0 170 060)

Accessories

Part number	Description
126 0 170 000	Installation sleeve , polypropylene, for luminaire with overlapping trim (for luminaires 009)

Part number	Description
126 0 170 060	Installation sleeve , polypropylene, for luminaire with trim for flush mounting (for luminaires 069)



Lamps (see page 364–365)

HIE

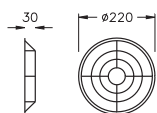


HSE



HME

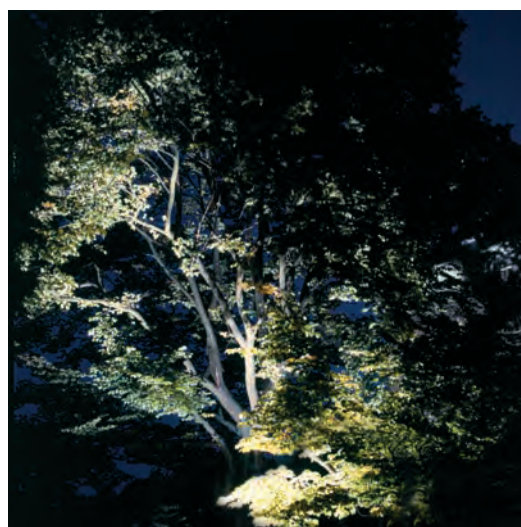




Accessories for ground-recessed uplighters

Part number	Description
126 0 180 940	Radial louvre to reduce lateral glare

Part number	Description
226 0 161 000	Cast-resin connection box, for single connection to luminaire or for through wiring with buried cable. For luminaires supplied with cable and installation sleeve (recess box).



The wide beam version of the ground recessed uplighters is particularly suitable for uplighting trees and other plants. For this application the choice of discharge lamps with different colour rendering indices is another useful tool.



The demands set on ground-recessed uplighters differ depending on the location where they are to be installed. In addition to the circular luminaires with their typical light cone, we are offering square luminaires for uniform illumination. These ground-recessed luminaires come in two different versions:

Design: mld

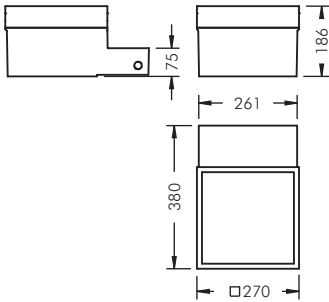
- with a wall washer reflector system for façade illumination from a short distance
- with an asymmetrical reflector for façade illumination when the luminaires are further away from the building.

In the flush mount version, these luminaires are supplied with a slim frame and without any visible screws. The light fittings are completely level with the surrounding area.

Alternatively, for uneven areas, there is a version with a wider stainless steel frame which covers the groove around the fixture.

Ground-recessed luminaires with asymmetrical or wall washer reflectors produce uniform façade illumination.





Ground-recessed uplighters
Asymmetrical wide beam,
for flush installation

For ceramic metal halide lamps (HIT-DE-CE) and high pressure sodium lamps (HST-DE), protection class I, IP67 , IK10 cast aluminium housing, double polyester powder coated, asymmetrical high purity aluminium reflector, tilt range 0-5°, all exterior steel parts stainless steel, with flush mounted tempered safety glass, for loads up to max. 5000 kg (according to DIN IEC 60598-2-13), silicon gasket, frame secured by concealed stainless steel screws, stainless steel M20 cable gland with 0.8m cable H05RN-F3G1, integral LPF control gear, HPF available on request (see page 362), supplied without lamp

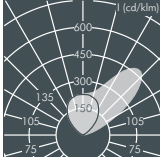
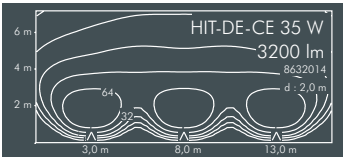
Ground-recessed uplighter, for flush installation, asymmetrical distribution

Part number	Lamp	Lampholder	Temperature*	Tilt range	Half beam angle γ	
8 632 014 009	HIT-DE-CE 35 W General Electric	Rx7s	70°	0 – 5°	C 0 – 180	C 90 – 270

* With the heat block filter (see accessories) the surface temperature of the glass is reduced to **60° C.**

Part number	Lamp	Lampholder	Temperature*	Tilt range	Half beam angle γ	
8 633 014 009	HIT-DE-CE 70 W HST-DE 70 W	Rx7s	75°	0 – 5°	C 0 – 180	C 90 – 270

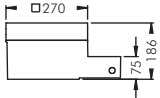
* With the heat block filter (see accessories) the surface temperature of the glass is reduced to **65° C.**



Part number	Description
. . . 1. . 009	Luminaire with slip-resistant glass*

* The light distribution becomes more diffused.

Part number	Description
126 0 270 000	Installation sleeve, polypropylene, compulsory for flush installation



The frameless glass is flush with the surrounding area and is set into a stainless steel rim (part of the installation sleeve).



Lamps (see page 364–365)

HIT-DE-CE

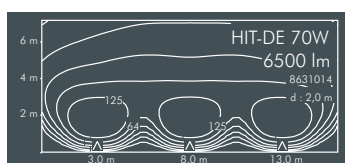
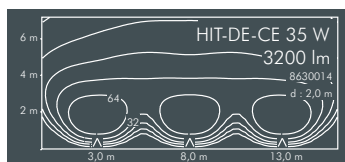
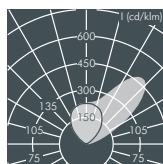
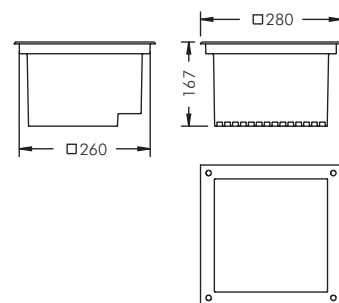
HST-DE



Ground-recessed uplighters

Asymmetrical wide beam, with stainless steel trim

For ceramic metal halide lamps (HIT-DE-CE) and high pressure sodium lamps (HST-DE), protection class I, IP67 $\blacklozenge \blacktriangledown \blacktriangledown$, IK10 cast aluminium housing, double polyester powder coated, asymmetrical high purity aluminium reflector, tilt range 0-5°, all exterior steel parts stainless steel, with tempered safety glass flush with trim, for loads up to max. 5000 kg (according to DIN IEC 60598-2-13), silicon gasket, Stainless steel trim and screws, stainless steel M20 cable gland with 0.8m cable H05RN-F3G1, integral LPF control gear, HPP available on request (see page 362), supplied without lamp



Ground-recessed uplighter, with stainless steel trim, asymmetrical distribution

Part number	Lamp	Lampholder	Temperature*	Tilt range	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 630 014 009	HIT-DE-CE 35 W General Electric	Rx7s	70°	0 – 5°	60°	85°

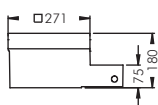
* With the heat block filter (see accessories) the surface temperature of the glass is reduced to **60° C.**

Part number	Lamp	Lampholder	Temperature*	Tilt range	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 631 014 009	HIT-DE-CE 70 W HST-DE 70 W	Rx7s	75°	0 – 5°	60°	85°

* With the heat block filter (see accessories) the surface temperature of the glass is reduced to **65° C.**

Part number	Description
. . . . 1 . . 009	Luminaire with slip-resistant glass*

* The light distribution becomes more diffused.



Accessory for ground-recessed uplighter with stainless steel trim

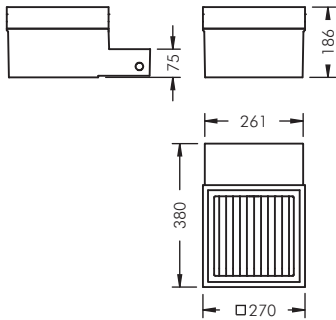
Part number	Description
126 0 269 000	Installation sleeve, polypropylene, for luminaire with overlapping trim

Lamps (see page 364–365)

HIT-DE-CE

HST-DE





Ground-recessed uplighters
Wall washer,
for flush installation

For ceramic metal halide lamps (HIT-DE-CE) and high pressure sodium lamps (HST-DE), protection class I, IP67 , IK10 cast aluminium housing, double polyester powder coated, high purity aluminium reflector with wall washer distribution, tilt range 0-5°, all exterior steel parts stainless steel, with flush mounted tempered safety glass, for loads up to max. 5000 kg (according to DIN IEC 60598-2-13), silicon gasket, frame secured by concealed stainless steel screws, stainless steel M20 cable gland with 0.8m cable H05RN-F3G1, integral LPF control gear, HPF available on request (see page 362), supplied without lamp

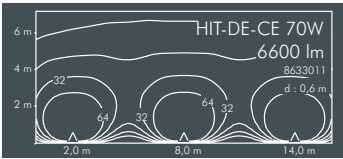
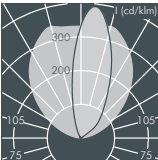
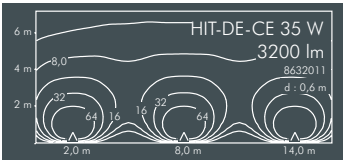
Ground-recessed uplighter, for flush installation, wall washer optics

Part number	Lamp	Lampholder	Temperature*	Tilt range	Half beam angle γ	
8 632 011 009	HIT-DE-CE 35 W General Electric	Rx7s	73°	0 – 5°	C 0 – 180 14°	C 90 – 270 100°

* With the heat block filter (see accessories) the surface temperature of the glass is reduced to **63° C.**

Part number	Lamp	Lampholder	Temperature*	Tilt range	Half beam angle γ	
8 633 011 009	HIT-DE-CE 70 W HST-DE 70 W	Rx7s	78°	0 – 5°	C 0 – 180 14°	C 90 – 270 100°

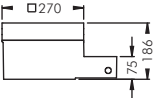
* With the heat block filter (see accessories) the surface temperature of the glass is reduced to **68° C.**



Part number	Description
. . . 1. . 009	Luminaire with slip-resistant glass*

* The light distribution becomes more diffused.

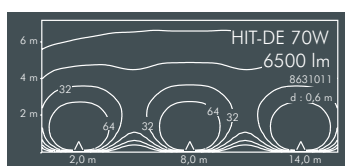
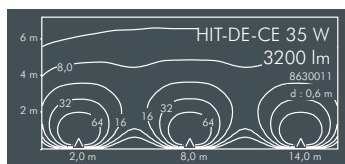
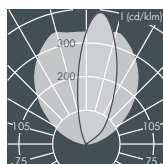
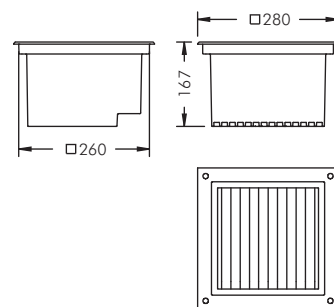
Part number	Description
126 0 270 000	Installation sleeve, polypropylene, compulsory , for flush installation



Ground-recessed uplighters

Wall washer with stainless steel trim

For ceramic metal halide lamps (HIT-DE-CE) and high pressure sodium lamps (HST-DE), protection class I, IP67 , IK10 cast aluminium housing, double polyester powder coated, high purity aluminium reflector with wall washer distribution, tilt range 0-5°, all exterior steel parts stainless steel, with flush mounted tempered safety glass, for loads up to max. 5000 kg (according to DIN IEC 60598-2-13), silicon gasket, stainless steel trim and screws, stainless steel M20 cable gland with 0.8m cable H05RN-F3G1, integral LPF control gear, HPF available on request (see page 362), supplied without lamp



Ground-recessed uplighter, with stainless steel trim, wall washer optics

Part number	Lamp	Lampholder	Temperature*	Tilt range	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 630 011 009	HIT-DE-CE 35 W General Electric	Rx7s	73°	0 – 5°	14°	100°

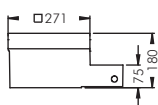
* With the heat block filter (see accessories) the surface temperature of the glass is reduced to **63° C.**

Part number	Lamp	Lampholder	Temperature*	Tilt range	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 631 011 009	HIT-DE-CE 70 W HST-DE 70 W	Rx7s	78°	0 – 5°	14°	100°

* With the heat block filter (see accessories) the surface temperature of the glass is reduced to **68° C.**

Part number	Description
. . . . 1 . . 009	Luminaire with slip-resistant glass*

* The light distribution becomes more diffused.



Accessory for ground-recessed uplighter with stainless steel trim

Part number	Description
126 0 269 000	Installation sleeve, polypropylene, for luminaire with overlapping trim

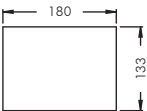
Lamps (see page 364–365)

HIT-DE-CE

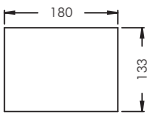
HST-DE



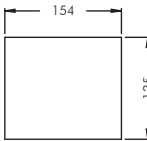
Accessories for ground-recessed uplighters, asymmetrical wide beam		
Part number	Colour	Description
126 0 271 000	yellow	Colour filters
126 0 273 000	blue	
126 0 277 000	red	
126 0 278 000	green	



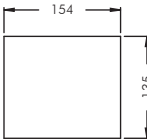
Part number	Description
126 0 244 000	Heat block filter, reduces the surface temperature of the glass



Accessories for ground-recessed uplighters, with wall washer optics		
Part number	Colour	Description
126 0 281 000	yellow	Colour filters
126 0 283 000	blue	
126 0 287 000	red	
126 0 288 000	green	



Part number	Description
126 0 242 000	Heat block filter, reduces the surface temperature of the glass





Accessory for ground-recessed uplighter, flush mounted

Part number	Description
126 0 280 000	Suction lifter, to remove the glass lense during maintenance



The luminaires are locked into the installation sleeve with an anti-theft device. They are released using a flat-bladed tool such as a spatular.



Subsequently the luminaire is lifted out of the installation sleeve by means of a suction lifter.



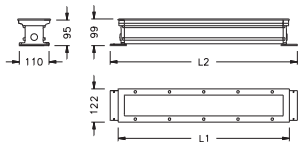
The linear ground-recessed luminaires are available in 4 lengths with LEDs and for T16 lamps, with symmetrical and asymmetrical reflectors. Single luminaires can be connected to extension luminaires using water-proof couplings. The robust design and execution ensure long-lasting service even under harsh conditions.



Dockland Hamburg
 Architecture: BRT Architekten
 Lighting Design: Christian Feck

The products are available for T16 fluorescent lamps or with white or RGB LEDs. In the version with monochrome white LEDs, the luminaires have a wall washer light distribution.





Ground-recessed single luminaires

For T16 fluorescent lamps or with high performance LEDs, integral temperature monitoring device, protection class I, IP67 , IK09 housing made of extruded aluminium profile and die cast aluminium, double powder coated, axially symmetrical high gloss aluminium reflector, tempered safety glass flush with frame, for loads up to max. 5000 kg (according to DIN IEC 60598-2-13), silicon gasket, stainless steel cover frame, closure with stainless steel screws, M20 stainless steel cable gland, facility for through wiring, sealed integral electronic ballast or converter, supplied without lamp. For RGB luminaires separate DMX controller required.

Single luminaire, L1 = 635 mm, L2 = 695 mm

Part number	Lamp	Lampholder	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 610 044 009	T16 14/24 W	G5	7.1 kg	82°	109°

Part number*	Light source	Weight	Half beam angle γ	
			C 0 – 180	C 90 – 270
8 612 046 009	12 x LED 3 W warm white, wall washer	8.1 kg	10°	99°

*These luminaires are also available with neutral white LEDs upon request.

Part number	Light source	Weight	Half beam angle γ	
			C 0 – 180	C 90 – 270
8 612 049 009	12 x LED RGB 3 W	7.5 kg	13°	40°

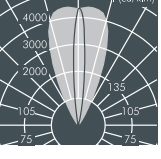
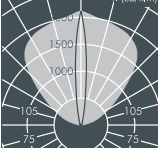
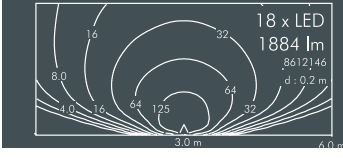
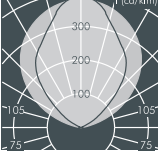
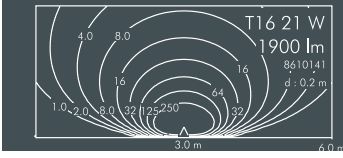
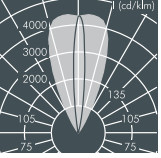
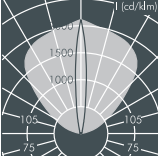
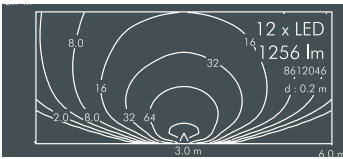
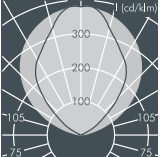
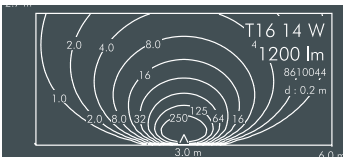
Single luminaire, L1 = 935 mm, L2 = 995 mm

Part number	Lamp	Lampholder	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 610 141 009	T16 21/39 W	G5	9.4 kg	82°	109°

Part number*	Light source	Weight	Half beam angle γ	
			C 0 – 180	C 90 – 270
8 612 146 009	18 x LED 3 W warm white, wall washer	10.4 kg	10°	99°

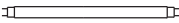
*These luminaires are also available with neutral white LEDs upon request.

Part number	Light source	Weight	Half beam angle γ	
			C 0 – 180	C 90 – 270
8 612 149 009	18 x LED RGB 3 W	9.8 kg	13°	40°



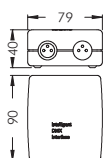
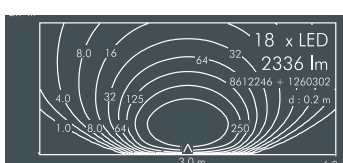
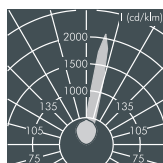
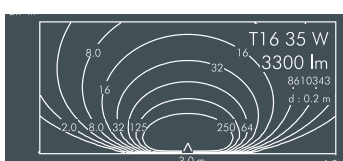
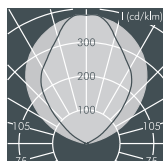
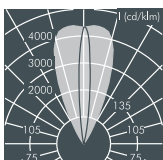
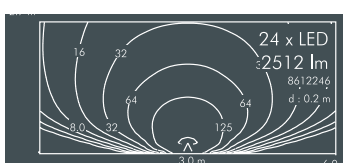
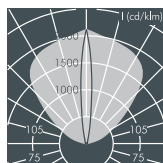
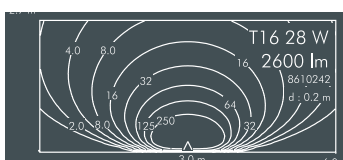
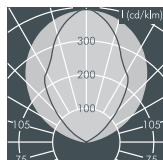
Lamps, Light source (see page 364–365)

T16



LEDs, replacement modules available





Single luminaire, L1 = 1235 mm, L2 = 1295 mm

Part number	Lamp	Lampholder	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 610 242 009	T16 28/54 W	G5	11.7 kg	82°	109°

Part number*	Light source	Weight	Half beam angle γ	
			C 0 – 180	C 90 – 270
8 612 246 009	24 x LED 3 W warm white, wall washer	12.7 kg	10°	99°

*These luminaires are also available with neutral white LEDs upon request.

Part number	Light source	Weight	Half beam angle γ	
			C 0 – 180	C 90 – 270
8 612 249 009	24 x LED RGB 3 W	12.1 kg	13°	40°

Single luminaire, L1 = 1535 mm, L2 = 1595 mm

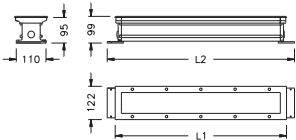
Part number	Lamp	Lampholder	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 610 343 009	T16 35/49/80 W	G5	14.0 kg	82°	109°

Accessories for ground-recessed luminaires with LEDs

Part number	Light source		L1	Description
126 0 300 000	12 x LED 3 W	12 x LED RGB 3 W	635 mm	Linear prism for
126 0 301 000	18 x LED 3 W	18 x LED RGB 3 W	935 mm	asymmetrical beam,
126 0 302 000	24 x LED 3 W	24 x LED RGB 3 W	1235 mm	internally fitted

Accessories for ground-recessed luminaires with RGB - LEDs

Part number	Description
127 0 189 000	DMX controller , USB 2.0 connector for programming via PC, incl. software, 512 addressable DMX channels, connector for external power supply, plastic housing, IP20

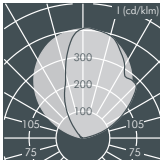
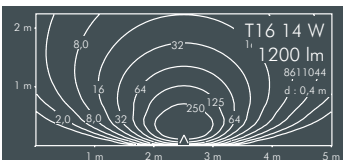


Ground-recessed single luminaires
Asymmetrical wide beam

For T16 fluorescent lamps
protection class I, IP67 , IK09
housing made of extruded aluminium profile and
die cast aluminium, double powder coated,
asymmetrical high gloss aluminium reflector,
tempered safety glass flush with frame, for loads up
to max. 5000 kg (according to DIN IEC
60598-2-13), silicon gasket, stainless steel cover
frame, closure with stainless steel screws, M20
stainless steel cable gland, facility for through
wiring, sealed integral electronic ballast, supplied
without lamp

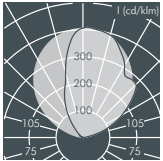
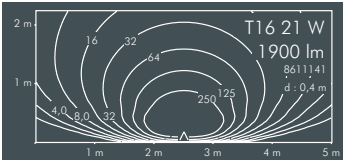
Single luminaire, asymmetrical, L1 = 635 mm, L2 = 695 mm

Part number	Lamp	Lampholder	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 611 044 009	T16 14/24 W	G5	7.1 kg	74°	105°



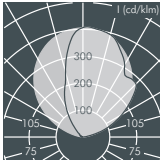
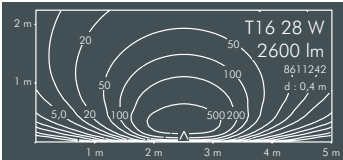
Single luminaire, asymmetrical, L1 = 935 mm, L2 = 995 mm

Part number	Lamp	Lampholder	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 611 141 009	T16 21/39 W	G5	9.4 kg	74°	105°



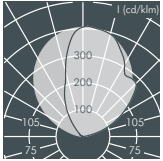
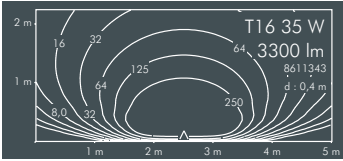
Single luminaire, asymmetrical, L1 = 1235 mm, L2 = 1295 mm

Part number	Lamp	Lampholder	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 611 242 009	T16 28/54 W	G5	11.7 kg	74°	105°

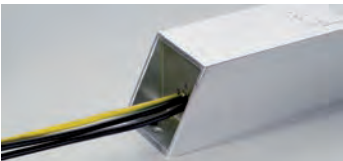


Single luminaire, asymmetrical, L1 = 1535 mm, L2 = 1595 mm

Part number	Lamp	Lampholder	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 611 343 009	T16 35/49/80 W	G5	14 kg	74°	105°

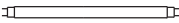


Encapsulated electronic ballasts are used
inside the IP67 rated housing, thus ensuring
optimal protection against humidity.



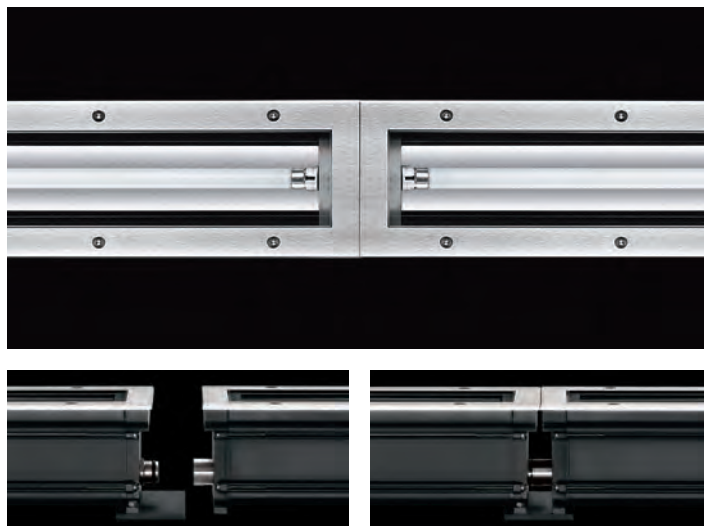
Lamp (see page 364 – 365)

T16



Ground-recessed luminaires

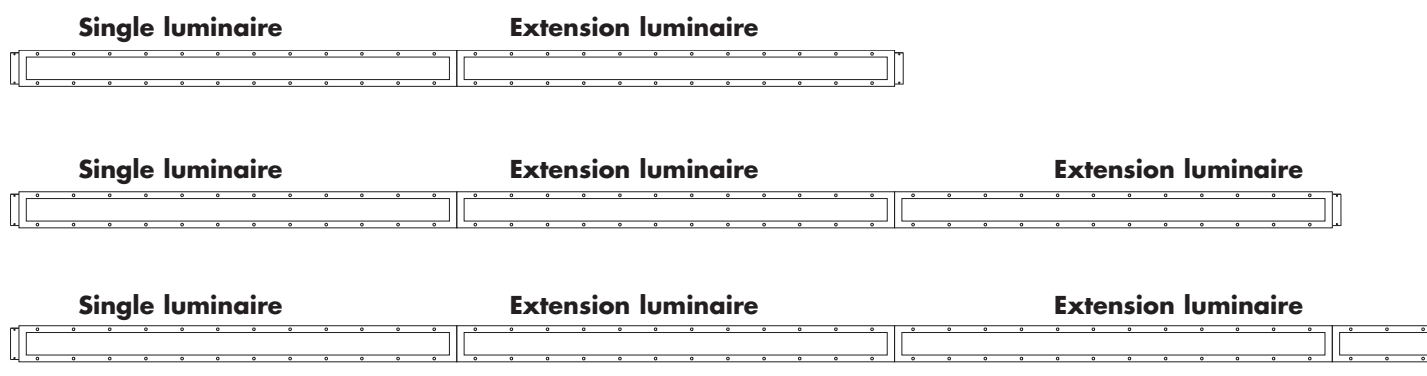
Single luminaires can be linked to extension luminaires to form continuous runs. The luminaires are mounted on a base plate. The electrical connection runs through water proof connectors made of stainless steel. These are supplied with the extension luminaires.



Examples:

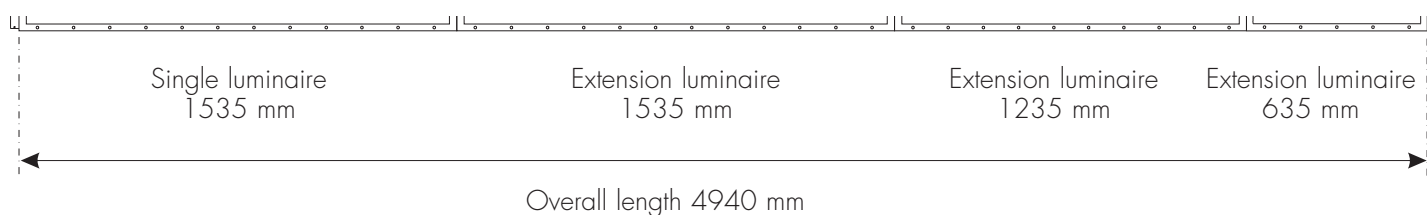
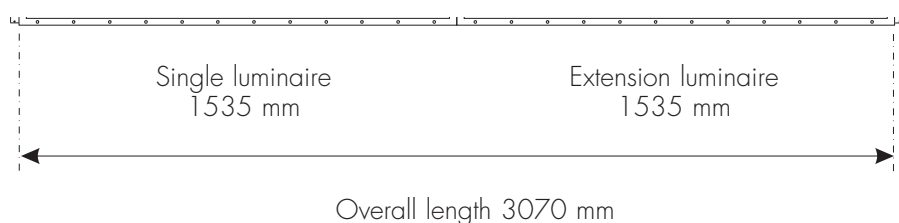
Regardless of the number of luminaires to be connected, the outer left luminaire is always a single luminaire.

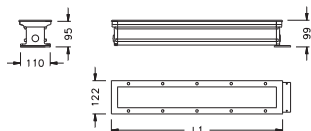
This can be connected to several extension luminaires.



Examples:

By combining luminaires of different lengths, the overall length of the system can be made to coincide with the dimensions of the surface to be illuminated.





Ground-recessed extension luminaires

For T16 fluorescent lamps or with high performance LEDs, integral temperature monitoring device, protection class I, IP67 $\blacklozenge\blacklozenge\blacklozenge$, IK09 housing made of extruded aluminium profile and die cast aluminium, double powder coated, axially symmetrical high gloss aluminium reflector, tempered safety glass flush with frame, for loads to max. 5000 kg (according to DIN IEC 60598-2-13), silicon gasket, stainless steel cover frame, closure with stainless steel screws, with stainless steel coupling, M20 stainless steel cable gland, facility for through wiring, sealed integral electronic ballast or converter, supplied without lamp. For RGB luminaires separate DMX controller required.

Extension luminaire, L1 = 635 mm

Part number	Lamp	Lampholder	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 614 044 009	T16 14/24 W	G5	7.1 kg	82°	109°

Part number*	Light source	Weight	Half beam angle γ	
			C 0 – 180	C 90 – 270
8 613 046 009	12 x LED 3 W warm white, wall washer	8.1 kg	10°	99°

*These luminaires are also available with neutral white LEDs upon request.

Part number	Light source	Weight	Half beam angle γ	
			C 0 – 180	C 90 – 270
8 613 049 009	12 x LED RGB 3 W	7.5 kg	13°	40°

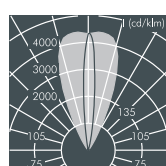
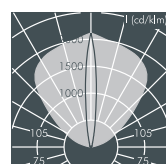
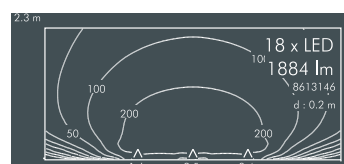
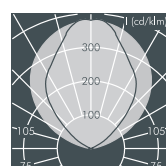
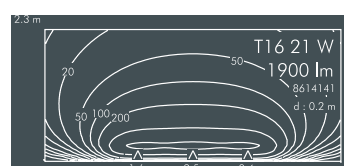
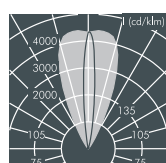
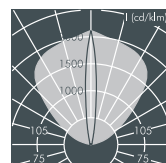
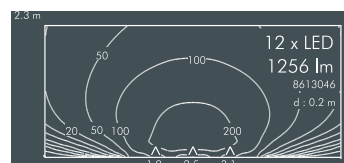
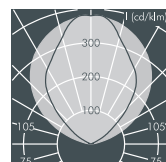
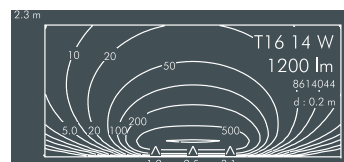
Extension luminaire, L1 = 935 mm

Part number	Lamp	Lampholder	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 614 141 009	T16 21/39 W	G5	9.4 kg	82°	109°

Part number*	Light source	Weight	Half beam angle γ	
			C 0 – 180	C 90 – 270
8 613 146 009	18 x LED 3 W warm white, wall washer	10.4 kg	10°	99°

*These luminaires are also available with neutral white LEDs upon request.

Part number	Light source	Weight	Half beam angle γ	
			C 0 – 180	C 90 – 270
8 613 149 009	18 x LED RGB 3 W	9.8 kg	13°	40°



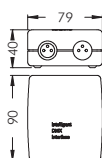
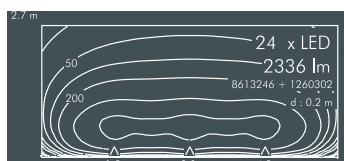
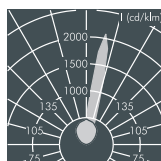
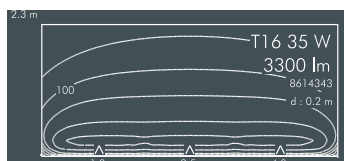
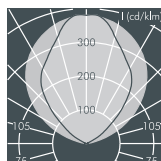
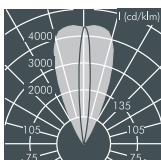
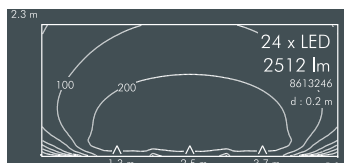
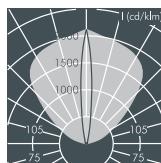
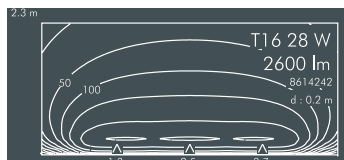
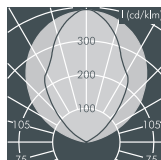
Lamps, Light source (see page 364–365)

T16



LEDs, replacement modules available





Extension luminaire, L1 = 1235 mm

Part number	Lamp	Lampholder	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 614 242 009	T16 28/54 W	G5	11.7 kg	82°	109°

Part number*	Light source	Weight	Half beam angle γ	
			C 0 – 180	C 90 – 270
8 613 246 009	24 x LED 3 W warm white, wall washer	12.7 kg	10°	99°

*These luminaires are also available with neutral white LEDs upon request.

Part number	Light source	Weight	Half beam angle γ	
			C 0 – 180	C 90 – 270
8 613 249 009	24 x LED RGB 3 W	12.1 kg	13°	40°

Extension luminaire, L1 = 1535 mm

Part number	Lamp	Lampholder	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 614 343 009	T16 35/49/80 W	G5	14.0 kg	82°	109°

Accessories for ground-recessed luminaires with LEDs

Part number	Light source		L1	Description
126 0 300 000	12 x LED 3 W	12 x LED RGB 3 W	635 mm	Linear prism for
126 0 301 000	18 x LED 3 W	18 x LED RGB 3 W	935 mm	asymmetrical beam,
126 0 302 000	24 x LED 3 W	24 x LED RGB 3 W	1235 mm	internally fitted

Accessories for ground-recessed luminaires with RGB - LEDs

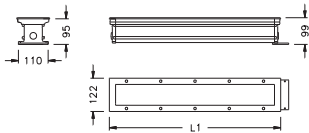
Part number	Description
127 0 189 000	DMX controller , USB 2.0 connector for programming via PC, incl. software, 512 addressable DMX channels, connector for external power supply, plastic housing, IP20

Lamps, Light source (see page 364–365)

T16

LEDs, replacement modules available



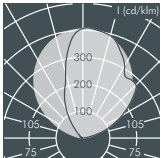
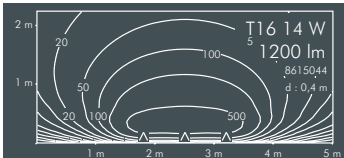


Ground-recessed extension luminaires
Asymmetrical wide beam

For T16 fluorescent lamps
protection class I, IP67 , IK09
housing made of extruded aluminium profile and
die cast aluminium, double powder coated,
asymmetrical high gloss aluminium reflector,
tempered safety glass flush with frame, for loads to
max. 5000 kg (according to DIN IEC
60598-2-13), silicon gasket, stainless steel cover
frame, closure with stainless steel screws, with
stainless steel coupling, M20 stainless steel cable
gland, facility for through wiring, sealed integral
electronic ballast, supplied without lamp

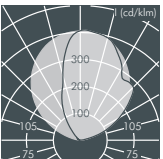
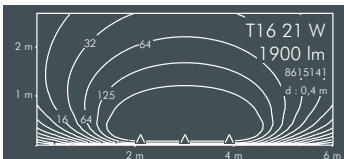
Extension luminaire, asymmetrical, L1 = 635 mm

Part number	Lamp	Lampholder	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 615 044 009	T16 14/24 W	G5	6.9 kg	74°	105°



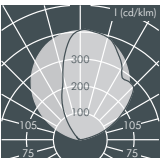
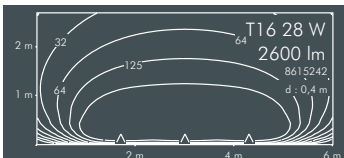
Extension luminaire, asymmetrical, L1 = 935 mm

Part number	Lamp	Lampholder	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 615 141 009	T16 21/39 W	G5	9.2 kg	74°	105°



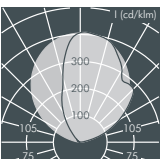
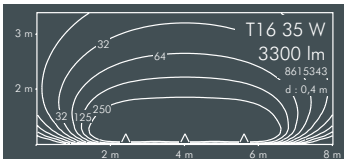
Extension luminaire, asymmetrical, L1 = 1235 mm

Part number	Lamp	Lampholder	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 615 242 009	T16 28/54 W	G5	11.5 kg	74°	105°

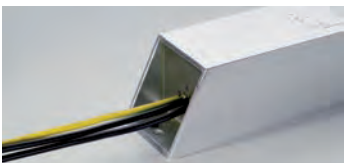


Extension luminaire, asymmetrical, L1 = 1535 mm

Part number	Lamp	Lampholder	Weight	Half beam angle γ	
				C 0 – 180	C 90 – 270
8 615 343 009	T16 35/49/80 W	G5	13.8 kg	74°	105°

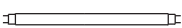


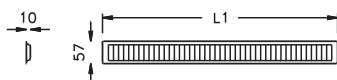
Encapsulated electronic ballasts are used
inside the IP67 rated housing, thus ensuring
optimal protection against humidity.



Lamps (see page 364–365)

T16





Accessories for single- and extension luminaires

Part number	Length*	L1	Description
126 0 129 940	635 mm	600 mm	Louvre , aluminium, to avoid glare lengthwise
126 0 130 940	935 mm	900 mm	
126 0 131 940	1235 mm	1200 mm	
126 0 132 940	1535 mm	1500 mm	

* Length of the corresp. luminaire.



The range of ceiling mount recessed downlights for miniature metal halide lamps and LEDs is characterised by extremely compact dimensions and a high degree of flexibility. The relatively shallow recess depth can be reduced even further by using luminaires with a separate control gear unit. There is a choice of products with fixed or gimbal mounted adjustable optics with various beam angles. The good low-glare characteristics can be optimised by using accessories. All components have a high IP rating.



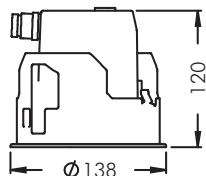
The screwless trim rings are available in 4 standard colours to suit various ceiling surface finishes; black, white, silver grey and dark brown anodised.



The trim ring needs no screws and can therefore blend into the ceiling discreetly. For maintenance the luminaires can be opened without using a tool and later closed again and sealed to IP65 by simply turning the trim ring.



In entrances and under canopies these luminaires provide efficient lighting and thanks to their compact dimensions and discreet trim rings, they can easily be integrated into many ceiling constructions.



Ceiling-recessed downlights without control gear narrow beam

For ceramic metal halide lamps (HIT-TC-CE)
protection class I, IP65     , IK08
die cast aluminium housing, stainless steel assembly
ring, polyester powder coated, rotationally symme-
trical aluminium reflector, all exterior steel parts are
stainless steel, tempered safety glass, silicon gasket,
trim ring with bayonet lock, luminaire fixed using
stainless steel braces, clamping range in hollow
ceilings 9 - 42 mm, aperture for installation Ø 128 mm,
with 0.5 m cable, remote control gear unit re-
quired, supplied without lamp

Recessed downlight 20 W, narrow beam

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 310 141 009	black	Philips CDM-Tm 20 W	PGJ5	0,8 kg	10°
8 310 161 009	white				
8 310 151 009	silver grey				
8 310 111 009	brown anodised				

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 312 141 009	black	General Electric CMH 20 W/ Osram HCI-TF 20 W	GU6.5	0,8 kg	10°
8 312 161 009	white				
8 312 151 009	silver grey				
8 312 111 009	brown anodised				

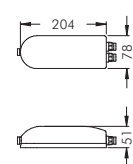
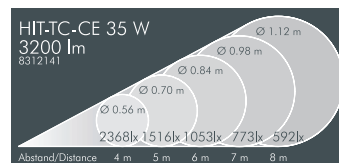
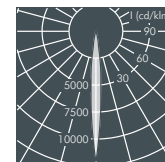
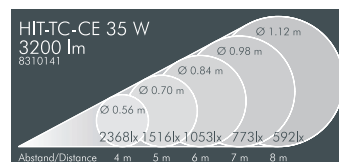
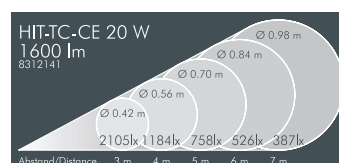
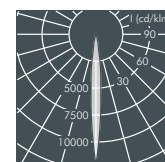
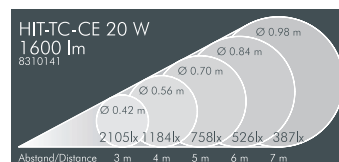
Recessed downlight 35 W, narrow beam

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 310 141 009	black	Philips CDM-Tm 35 W	PGJ5	0,8 kg	10°
8 310 161 009	white				
8 310 151 009	silver grey				
8 310 111 009	brown anodised				

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 312 141 009	black	General Electric CMH 35 W/ Osram HCI-TF 35 W	GU6.5	0,8 kg	10°
8 312 161 009	white				
8 312 151 009	silver grey				
8 312 111 009	brown anodised				

Accessories for recessed downlights without control gear, polycarbonate gear box

Part number	Lamp
113 0 022 009	Philips CDM-Tm 20 W
113 0 023 009	Philips CDM-Tm 35 W
113 0 024 009	General Electric CMH 20 W/Osram HCI-TF 20 W
113 0 025 009	General Electric CMH 35 W/Osram HCI-TF 35 W



Lamps (see page 364-365)

HIT-TC-CE

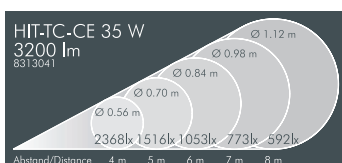
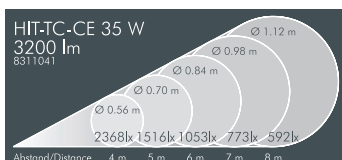
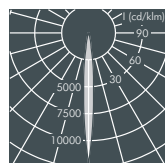
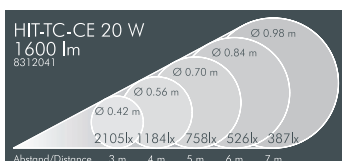
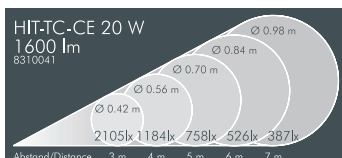
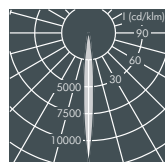
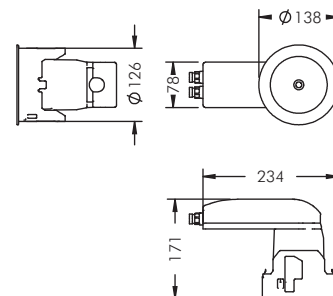


HIT-TC-CE



Ceiling-recessed downlights with control gear narrow beam

For ceramic metal halide lamps (HIT-TC-CE), protection class I, IP65  , IK08 die cast aluminium housing, stainless steel assembly ring, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, trim ring with bayonet lock, luminaire fixed using stainless steel braces, clamping range in hollow ceilings 9 - 42 mm, aperture for installation $\varnothing$ 128 mm, M16 cable entry, integral electronic ballast, supplied without lamp



Recessed downlight 20 W, narrow beam

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 310 041 009	black	Philips CDM-Tm 20 W	PGJ5	1.3 kg	10°
8 310 061 009	white				
8 310 051 009	silver grey				
8 310 011 009	brown anodised				

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 312 041 009	black	General Electric CMH 20 W/ Osram HCHTF 20 W	GU6.5	1.3 kg	10°
8 312 061 009	white				
8 312 051 009	silver grey				
8 312 011 009	brown anodised				

Recessed downlight 35 W, narrow beam

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 311 041 009	black	Philips CDM-Tm 35 W	PGJ5	1.5 kg	10°
8 311 061 009	white				
8 311 051 009	silver grey				
8 311 011 009	brown anodised				

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 313 041 009	black	General Electric CMH 35 W/ Osram HCHTF 35 W	GU6.5	1.5 kg	10°
8 313 061 009	white				
8 313 051 009	silver grey				
8 313 011 009	brown anodised				





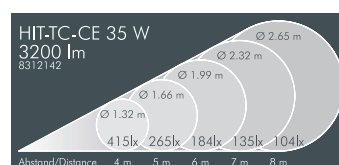
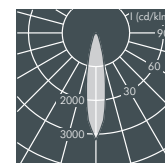
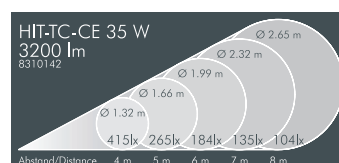
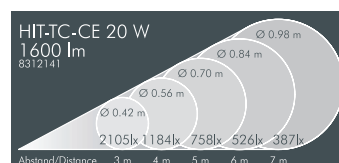
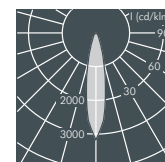
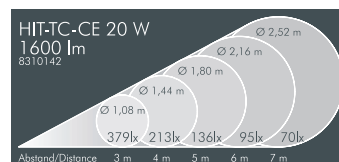
For ceramic metal halide lamps (HIT-TC-CE)
protection clas I, IP65 IK08
die cast aluminium housing, stainless steel assembly
ring, polyester powder coated, rotationally symme-
trical aluminium reflector, all exterior steel parts are
stainless steel, tempered safety glass, silicon gasket,
trim ring with bayonet lock, luminaire fixed using
stainless steel braces, clamping range in hollow
ceilings 9 - 42 mm, aperture for installation $\varnothing$ 128 mm,
with 0.5 m cable, remote control gear unit re-
quired, supplied without lamp

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 310 142 009	black	Philips CDM-Tm	PGJ5	0.8 kg	20°
8 310 162 009	white	20 W			
8 310 152 009	silver grey				
8 310 112 009	brown anodised				

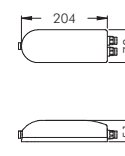
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8 312 142 009	black	General Electric	GU6.5	0.8 kg	20°
8 312 162 009	white	CMH 20 W/			
8 312 152 009	silver	Osram HCHT 20 W			
8 312 112 009	brown anodised				

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 310 142 009	black	Philips CDM-Tm	PGJ5	0.8 kg	20°
8 310 162 009	white	35 W			
8 310 152 009	silver grey				
8 310 112 009	brown anodised				

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 312 142 009	black	General Electric	GU6.5	0.8 kg	20°
8 312 162 009	white	CMH 35 W/			
8 312 152 009	silver grey	Osram HCLTf 35 W			
8 312 112 009	brown anodised				

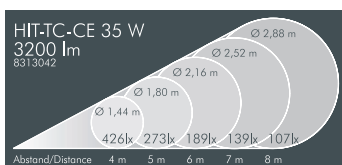
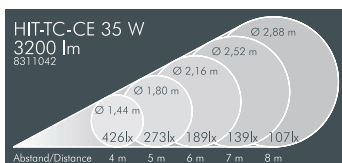
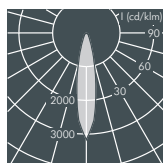
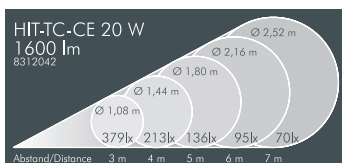
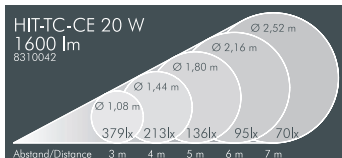
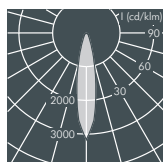
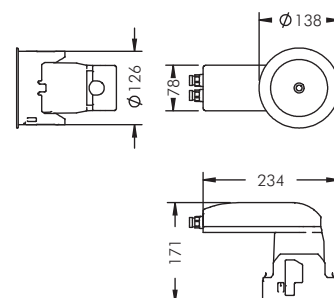


Part number	Lamp
113 0 022 009	Philips CDM-Tm 20 W
113 0 023 009	Philips CDM-Tm 35 W
113 0 024 009	General Electric CMH 20 W/Osram HCI-TF 20 W
113 0 025 009	General Electric CMH 35 W/Osram HCI-TF 35 W



Ceiling-recessed downlights with control gear medium wide beam

For ceramic metal halide lamps (HIT-TC-CE), protection class I, IP65  , IK08 die cast aluminium housing, stainless steel assembly ring, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, trim ring with bayonet lock, luminaire fixed using stainless steel braces, clamping range in hollow ceilings 9 - 42 mm, aperture for installation $\varnothing$ 128 mm, M16 cable entry, integral electronic ballast, supplied without lamp



Recessed downlight 20 W, medium wide beam

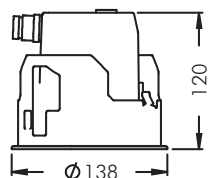
Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 310 042 009	black	Philips CDM-Tm 20 W	PGJ5	1.3 kg	20°
8 310 062 009	white				
8 310 052 009	silver grey				
8 310 012 009	brown anodised				

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 312 042 009	black	General Electric CMH 20 W/ Osram HCHT 20 W	GU6.5	1.3 kg	20°
8 312 062 009	white				
8 312 052 009	silver grey				
8 312 012 009	brown anodised				

Recessed downlight 35 W, medium wide beam

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 311 042 009	black	Philips CDM-Tm 35 W	PGJ5	1.5 kg	20°
8 311 062 009	white				
8 311 052 009	silver grey				
8 311 012 009	brown anodised				

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 313 042 009	black	General Electric CMH 35 W/ Osram HCHT 35 W	GU6.5	1.5 kg	20°
8 313 062 009	white				
8 313 052 009	silver grey				
8 313 012 009	brown anodised				

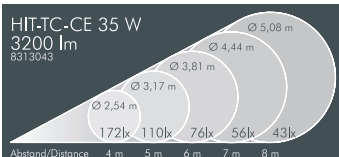
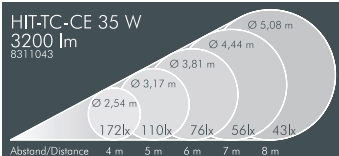
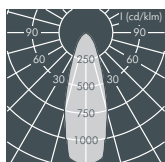
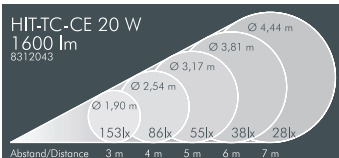
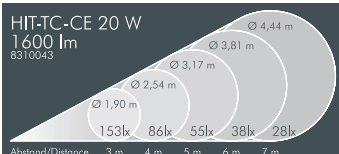
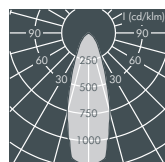
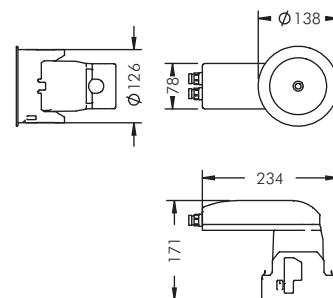


Ceiling-recessed downlights without control gear wide beam

For ceramic metal halide lamps (HIT-TC-CE) protection class I, IP65           

Ceiling-recessed downlights with control gear wide beam

For ceramic metal halide lamps (HIT-TC-CE), protection class I, IP65  , IK08 die cast aluminium housing, stainless steel assembly ring, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, trim ring with bayonet lock, luminaire fixed using stainless steel braces, clamping range in hollow ceilings 9-42 mm, aperture for installation $\varnothing$ 128 mm, M16 cable entry, integral electronic ballast, supplied without lamp



Recessed downlight 20 W, wide beam

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 310 043 009	black	Philips CDM-Tm 20 W	PGJ5	1.3 kg	35°
8 310 063 009	white				
8 310 053 009	silver grey				
8 310 013 009	brown anodised				

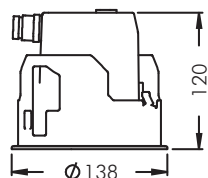
Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 312 043 009	black	General Electric CMH 20 W/ Osram HCT-IF 20 W	GU6.5	1.3 kg	35°
8 312 063 009	white				
8 312 053 009	silver grey				
8 312 013 009	brown anodised				

Recessed downlight 35 W, wide beam

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 311 043 009	black	Philips CDM-Tm 35 W	PGJ5	1.5 kg	35°
8 311 063 009	white				
8 311 053 009	silver grey				
8 311 013 009	brown anodised				

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 313 043 009	black	General Electric CMH 35 W/ Osram HCT-IF 35 W	GU6.5	1.5 kg	35°
8 313 063 009	white				
8 313 053 009	silver grey				
8 313 013 009	brown anodised				





Ceiling-recessed downlights without control gear Gimbal mounted reflector narrow beam

For ceramic metal halide lamps (HIT-TC-CE) protection class I, IP65 , IK08 die cast aluminium housing, stainless steel assembly ring, polyester powder coated, gimbal mounted rotationally symmetrical aluminium reflector, tilt range 0-15°, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, trim ring with bayonet lock, luminaire fixed using stainless steel braces, clamping range in hollow ceilings 9-42 mm, aperture for installation Ø 128 mm, with 0.5 m cable, remote control gear unit required, supplied without lamp

Recessed downlight 20 W, gimbal mounted, narrow beam

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 310 146 009	black	Philips CDM-Tm 20 W	PGJ5	0.8 kg	7°
8 310 166 009	white				
8 310 156 009	silver grey				
8 310 116 009	brown anodised				

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 312 146 009	black	General Electric CMH 20 W/ Osram HCI-TF 20 W	GU6.5	0.8 kg	7°
8 312 166 009	white				
8 312 156 009	silver grey				
8 312 116 009	brown anodised				

Recessed downlight 35 W, gimbal mounted, narrow beam

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 310 146 009	black	Philips CDM-Tm 35 W	PGJ5	0.8 kg	9°
8 310 166 009	white				
8 310 156 009	silver grey				
8 310 116 009	brown anodised				

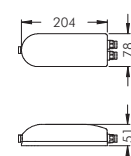
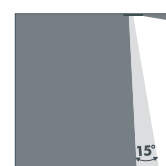
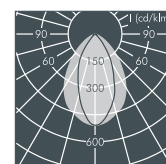
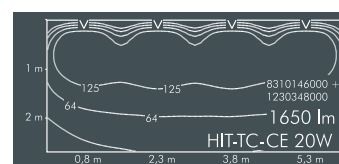
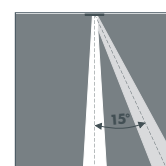
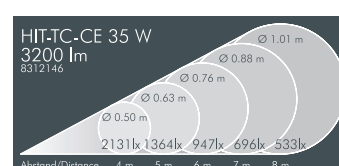
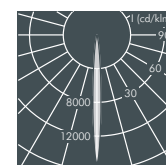
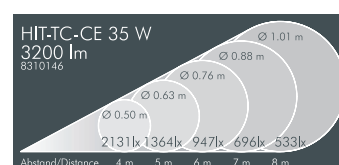
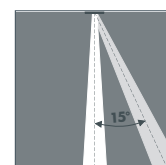
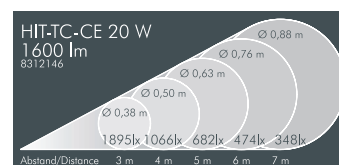
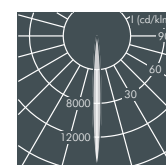
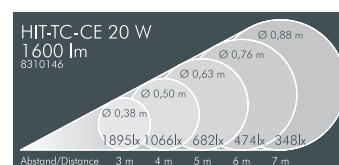
Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 312 146 009	black	General Electric CMH 35 W/ Osram HCI-TF 35 W	GU6.5	0.8 kg	9°
8 312 166 009	white				
8 312 156 009	silver grey				
8 312 116 009	brown anodised				

Accessories for recessed downlights 20/35 W, gimbal mounted, narrow beam

Part number	Description
123 0 348 000	Wall washer lens internally fitted

Accessories for recessed downlights without control gear, polycarbonate gear box

Part number	Lamp
113 0 022 009	Philips CDM-Tm 20 W
113 0 023 009	Philips CDM-Tm 35 W
113 0 024 009	General Electric CMH 20 W/Osram HCI-TF 20 W
113 0 025 009	General Electric CMH 35 W/Osram HCI-TF 35 W



Lamps (see page 364–365)

HIT-TC-CE

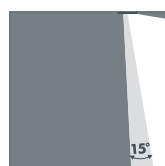
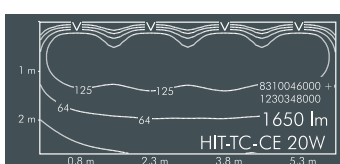
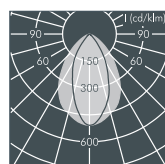
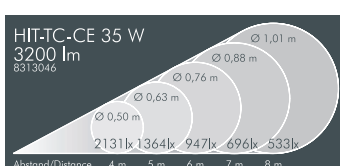
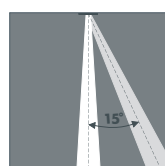
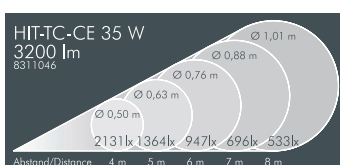
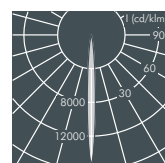
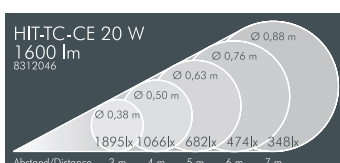
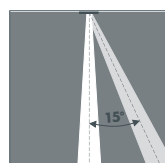
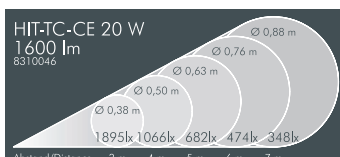
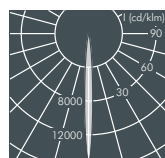
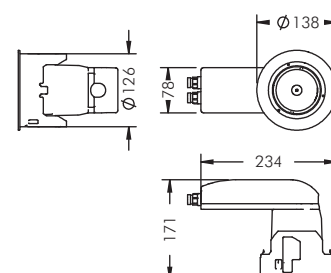


HIT-TC-CE



Ceiling-recessed downlights with control gear Gimbal mounted reflector narrow beam

For ceramic metal halide lamps (HIT-TC-CE), protection class I, IP65  , IK08 die cast aluminium housing, stainless steel assembly ring, polyester powder coated, gimbal mounted rotationally symmetrical aluminium reflector, tilt range 0-15°, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, trim ring with bayonet lock, luminaire fixed using stainless steel braces, clamping range in hollow ceilings 9-42 mm, aperture for installation $\varnothing$ 128 mm, M16 cable entry, integral electronic ballast, supplied without lamp



Recessed downlight 20 W, gimbal mounted, narrow beam

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 310 046 009	black	Philips CDM-Tm 20 W	PGJ5	1.3 kg	7°
8 310 066 009	white				
8 310 056 009	silver grey				
8 310 016 009	brown anodised				

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 312 046 009	black	General Electric CMH 20 W/ Osram HCHT 20 W	GU6.5	1.3 kg	7°
8 312 066 009	white				
8 312 056 009	silver grey				
8 312 016 009	brown anodised				

Recessed downlight 35 W, gimbal mounted, narrow beam

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 311 046 009	black	Philips CDM-Tm 35 W	PGJ5	1.5 kg	9°
8 311 066 009	white				
8 311 056 009	silver grey				
8 311 016 009	brown anodised				

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 313 046 009	black	General Electric CMH 35 W/ Osram HCHT 35 W	GU6.5	1.5 kg	9°
8 313 066 009	white				
8 313 056 009	silver grey				
8 313 016 009	brown anodised				

Accessories for recessed downlights 20/35 W, gimbal mounted, narrow beam

Part number	Description
123 0 348 000	Wall washer lense internally fitted

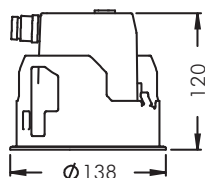
Lamps (see page 364–365)

HIT-TC-CE



HIT-TC-CE





Ceiling-recessed downlights without control gear Gimbal mounted reflector medium wide beam

For ceramic metal halide lamps (HIT-TC-CE) protection class I, IP65 , IK08 die cast aluminium housing, stainless steel assembly ring, polyester powder coated, gimbal mounted rotationally symmetrical aluminium reflector, tilt range 0-15°, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, trim ring with bayonet lock, luminaire fixed using stainless steel braces, clamping range in hollow ceilings 9-42 mm, aperture for installation Ø 128 mm, with 0.5 m cable, remote control gear unit required, supplied without lamp

Recessed downlight 20 W, gimbal mounted, medium wide beam

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 310 147 009	black	Philips CDM-Tm 20 W	PGJ5	0.8 kg	18°
8 310 167 009	white				
8 310 157 009	silver grey				
8 310 117 009	brown anodised				

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 312 147 009	black	General Electric CMH 20 W/ Osram HCI-TF 20 W	GU6.5	0.8 kg	18°
8 312 167 009	white				
8 312 157 009	silver grey				
8 312 117 009	brown anodised				

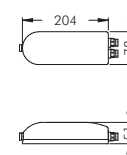
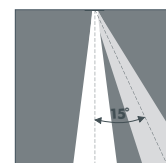
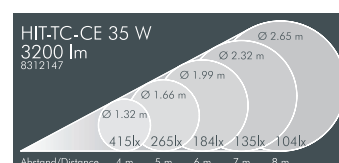
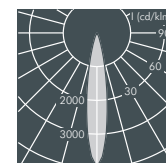
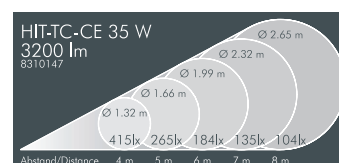
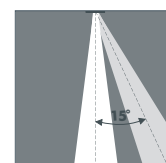
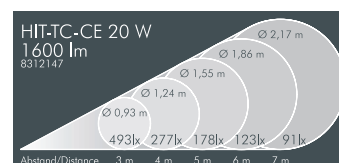
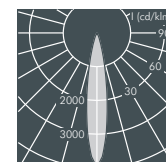
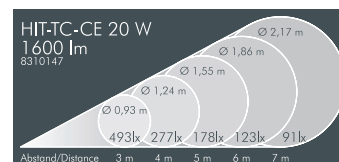
Recessed downlight 35 W, gimbal mounted, medium wide beam

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 310 147 009	black	Philips CDM-Tm 35 W	PGJ5	0.8 kg	18°
8 310 167 009	white				
8 310 157 009	silver grey				
8 310 117 009	brown anodised				

Part number	Trim ring colour	Lamp	Lampholder	Weight	Half beam angle γ
8 312 147 009	black	General Electric CMH 35 W/ Osram HCI-TF 35 W	GU6.5	0.8 kg	18°
8 312 167 009	white				
8 312 157 009	silver grey				
8 312 117 009	brown anodised				

Accessories for recessed downlights without control gear, polycarbonate gear box

Part number	Lamp
113 0 022 009	Philips CDM-Tm 20 W
113 0 023 009	Philips CDM-Tm 35 W
113 0 024 009	General Electric CMH 20 W/Osram HCI-TF 20 W
113 0 025 009	General Electric CMH 35 W/Osram HCI-TF 35 W



Lamps (see page 364-365)

HIT-TC-CE

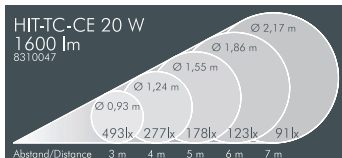
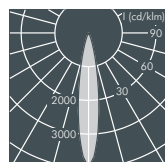
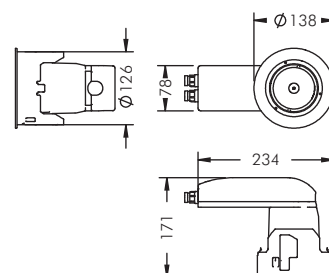


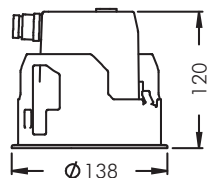
HIT-TC-CE



Ceiling-recessed downlights with control gear Gimbal mounted reflector medium wide beam

For ceramic metal halide lamps (HIT-TC-CE), protection class I, IP65  , IK08 die cast aluminium housing, stainless steel assembly ring, polyester powder coated, gimbal mounted rotationally symmetrical aluminium reflector, tilt range 0-15°, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, trim ring with bayonet lock, luminaire fixed using stainless steel braces, clamping range in hollow ceilings 9-42 mm, aperture for installation $\varnothing$ 128 mm, M16 cable entry, integral electronic ballast, supplied without lamp





Ceiling-recessed LED downlights without control gear Gimbal mounted

With 5 x 1 W high performance LEDs, integral thermal monitoring system, protection class I, IP65 , IK08 die cast aluminium housing, stainless steel assembly ring, polyester powder coated, tilt range 0-15°, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, trim ring with bayonet lock, luminaire fixed using stainless steel braces, clamping range in hollow ceilings 9-42 mm, aperture for installation Ø 128 mm, with 1 m cable, without converter for connection to 24 V DC power supply

Recessed LED downlight, narrow beam

Part number	Trim ring colour	Light source	Weight	Half beam angle γ
8 315 146 019	black	5 x LED 1 W warm white	1.2 kg	11°
8 315 166 019	white			
8 315 156 019	silver grey			
8 315 116 019	brown anodised			

Part number	Trim ring colour	Light source	Weight	Half beam angle γ
8 315 145 019	black	5 x LED 1 W neutral white	1.2 kg	11°
8 315 165 019	white			
8 315 155 019	silver grey			
8 315 115 019	brown anodised			

Recessed LED downlight, linear beam spread

Part number	Trim ring colour	Light source	Weight	Half beam angle γ	
8 315 146 029	black	5 x LED 1 W warm white	1.2 kg	C 0 – 180	C 90 – 270
8 315 166 029	white			9°	48°
8 315 156 029	silver grey				
8 315 116 029	brown anodised				

Part number	Trim ring colour	Light source	Weight	Half beam angle γ	
8 315 145 029	black	5 x LED 1 W neutral white	1.2 kg	C 0 – 180	C 90 – 270
8 315 165 029	white			9°	48°
8 315 155 029	silver grey				
8 315 115 029	brown anodised				

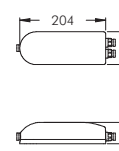
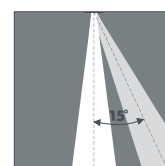
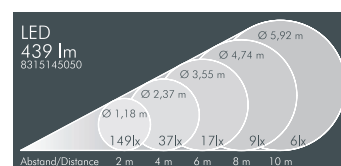
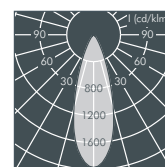
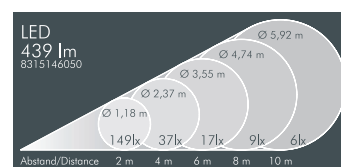
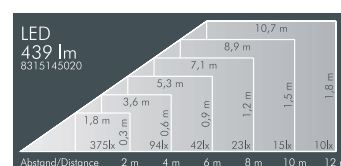
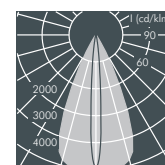
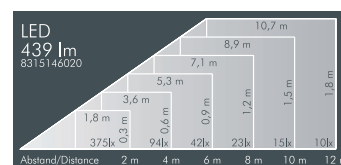
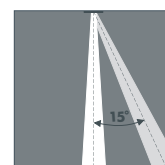
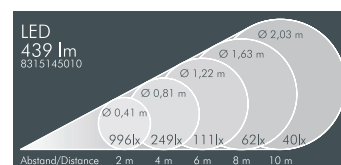
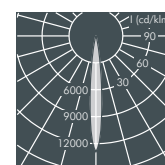
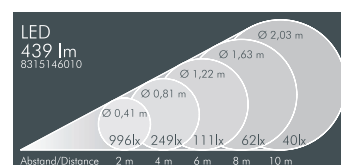
Recessed LED downlight, wide beam

Part number	Trim ring colour	Light source	Weight	Half beam angle γ
8 315 146 059	black	5 x LED 1 W warm white	1.2 kg	33°
8 315 166 059	white			
8 315 156 059	silver grey			
8 315 116 059	brown anodised			

Part number	Trim ring colour	Light source	Weight	Half beam angle γ
8 315 145 059	black	5 x LED 1 W neutral white	1.2 kg	33°
8 315 165 059	white			
8 315 155 059	silver grey			
8 315 115 059	brown anodised			

Accessories for recessed LED downlights

Part number	Description
113 0 026 009	Power supply with LED converter



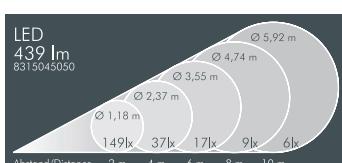
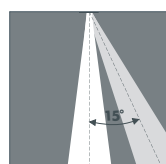
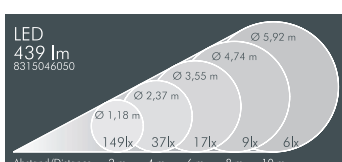
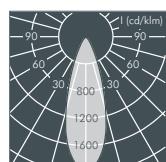
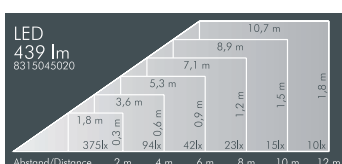
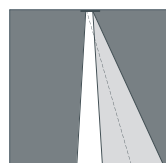
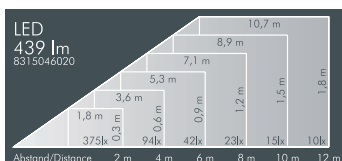
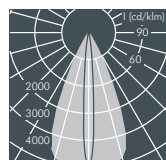
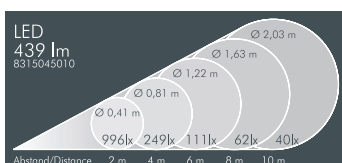
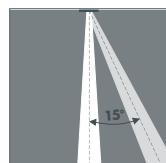
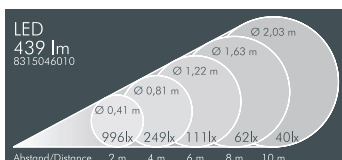
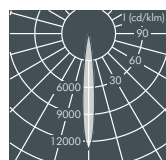
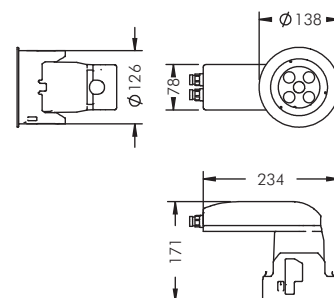
Light source

LEDs, replacement modules available



Ceiling-recessed LED downlights with control gear Gimbal mounted

With 5 x 1 W high performance LEDs, integral thermal monitoring system, protection class I, IP65 , IK08 die cast aluminium housing, stainless steel assembly ring, polyester powder coated, tilt range 0-15°, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, trim ring with bayonet lock, luminaire fixed using stainless steel braces, clamping range in hollow ceilings 9-42 mm, aperture for installation Ø 128 mm, M16 cable entry, integral converter



Recessed LED downlight, narrow beam

Part number	Trim ring colour	Light source	Weight	Half beam angle γ
8 315 046 019	black	5 x LED 1 W warm white	1.9 kg	11°
8 315 066 019	white			
8 315 056 019	silver grey			
8 315 016 019	brown anodised			

Part number	Trim ring colour	Light source	Weight	Half beam angle γ
8 315 045 019	black	5 x LED 1 W neutral white	1.9 kg	11°
8 315 065 019	white			
8 315 055 019	silver grey			
8 315 015 019	brown anodised			

Recessed LED downlight, linear beam spread

Part number	Trim ring colour	Light source	Weight	Half beam angle γ	
8 315 046 029	black	5 x LED 1 W warm white	1.9 kg	C 0 – 180	C 90 – 270
8 315 066 029	white			9°	48°
8 315 056 029	silver grey				
8 315 016 029	brown anodised				

Part number	Trim ring colour	Light source	Weight	Half beam angle γ	
8 315 045 029	black	5 x LED 1 W neutral white	1.9 kg	C 0 – 180	C 90 – 270
8 315 065 029	white			9°	48°
8 315 055 029	silver grey				
8 315 015 029	brown anodised				

Recessed LED downlight, wide beam

Part number	Trim ring colour	Light source	Weight	Half beam angle γ
8 315 046 059	black	5 x LED 1 W warm white	1.9 kg	33°
8 315 066 059	white			
8 315 056 059	silver grey			
8 315 016 059	brown anodised			

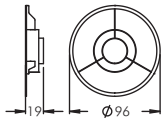
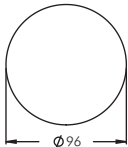
Part number	Trim ring colour	Light source	Weight	Half beam angle γ
8 315 045 059	black	5 x LED 1 W neutral white	1.9 kg	33°
8 315 065 059	white			
8 315 055 059	silver grey			
8 315 015 059	brown anodised			

Light source

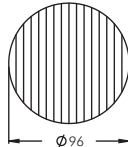
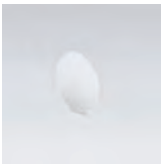
LEDs, replacement modules available

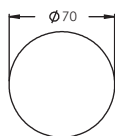


Accessories for recessed downlights 20/35 W narrow, medium wide and wide beam		
Part number	Colour	Description
123 0 311 000	yellow	Dichroic colour filters, internally fitted
123 0 313 000	blue	
123 0 317 000	red	
123 0 318 000	green	
Part number	Description	
123 0 320 940	Radial louvre, internally fitted, to reduce lateral glare	



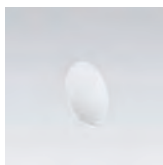
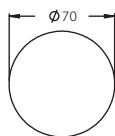
Accessories for recessed downlights 20/35 W, narrow beam	
Part number	Description
123 0 312 000	Ribbed glass spreader lense, internally fitted, for linear beam control, continuously adjustable 360°



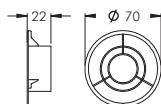


Accessories for recessed downlights 20/35 W, gimbal mounted, narrow and wide beam

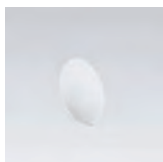
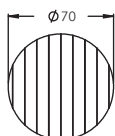
Part number	Colour	Description
123 0 301 000	yellow	Dichroic colour filters, internally fitted
123 0 303 000	blue	
123 0 307 000	red	
123 0 308 000	green	



Part number	Description
123 0 300 000	Prismatic glass lense, to widen the beam angle



Part number	Description
123 0 299 940	Radial louvre, to widen the beam angle



Accessories for recessed downlights, gimbal mounted, narrow beam

Part number	Description
123 0 302 000	Ribbed glass spreader lense, internally fitted, for linear beam control

Accessory for ceiling-recessed downlights with/without control gear

Recess boxes for concrete

For all ceiling recessed downlights, suitable recess boxes for concrete ceilings are available from Kaiser GmbH & Co. KG.

For further information see www.kaiser-elektro.de



The series of surface-mounted downlights for miniature metal halide lamps and LEDs are compact in size and very shallow. Equipped with either fixed or gimbal mounted adjustable reflectors and with a range of different distributions, these products can be adapted to suit a wide range of lighting applications. The control gear is situated in a separate compartment for optimal thermal protection. In the case of the LED product with fixed optics, this compartment is not required, resulting in an extremely shallow housing. The range of accessories includes optical lenses for beam control and anti-glare louvers.

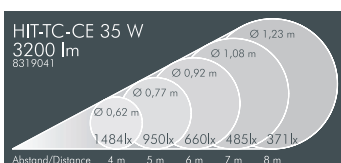
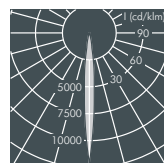
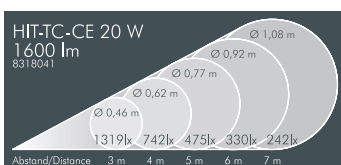
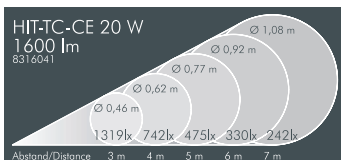
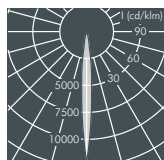
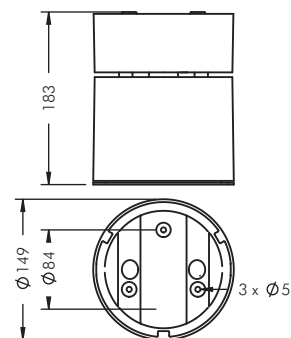
IP rated ceiling-mounted luminaires can be installed under-canopy to provide a sophisticated lighting effect for entrances.



Surface-mounted downlight

Narrow beam

For ceramic metal halide lamps (HIT-TC-CE), protection class I, IP65 , IK08 die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, housing locked with a grub screw, ceiling mount: 3 drilled holes $\varnothing$ 5 mm on circular pitch $\varnothing$ 84 mm, cable entry $\varnothing$ 7-10 mm recessed or surface mounted cable, integral electronic ballast, supplied without lamp



Surface-mounted downlight 20 W, narrow beam

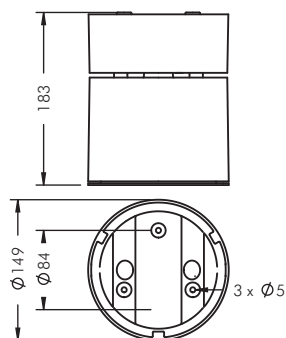
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 316 041 009	black	Philips CDM-Tm 20 W	PGJ5	2.1 kg	10°
8 316 061 009	white				
8 316 051 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 318 041 009	black	General Electric	GU6.5	2.1 kg	10°
8 318 061 009	white	CMH 20 W /			
8 318 051 009	silver grey	Osram HCI-TF 20 W			

Surface-mounted downlight 35 W, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 319 041 009	black	General Electric	GU6.5	2.1 kg	10°
8 319 061 009	white	CMH 35 W /			
8 319 051 009	silver grey	Osram HCI-TF 35 W			





Surface-mounted downlight Medium wide beam

For ceramic metal halide lamps (HIT-TC-CE), protection class I, IP65 , IK08 die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, housing locked with a grub screw, ceiling mount: 3 drilled holes $\varnothing$ 5 mm on circular pitch $\varnothing$ 84 mm, cable entry $\varnothing$ 7-10 mm recessed or surface mounted cable, integral electronic ballast, supplied without lamp

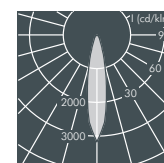
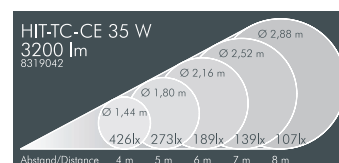
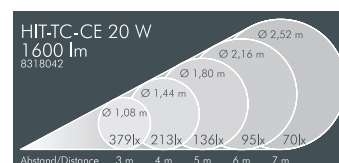
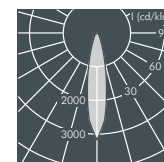
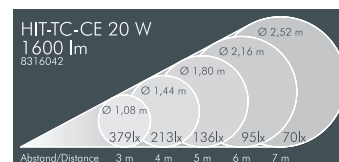
Surface-mounted downlight 20 W, medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 316 042 009	black	Philips CDM-Tm 20 W	PGJ5	2.1 kg	20°
8 316 062 009	white				
8 316 052 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 318 042 009	black	General Electric CMH 20 W / Osram HCHT 20 W	GU6.5	2.1 kg	20°
8 318 062 009	white				
8 318 052 009	silver grey				

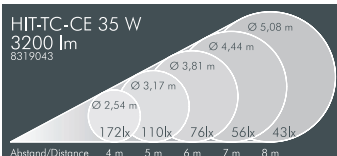
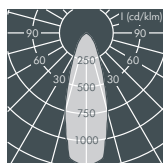
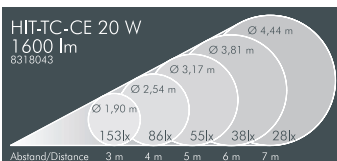
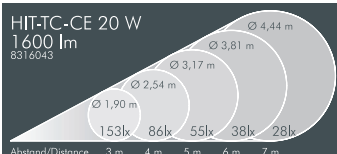
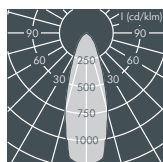
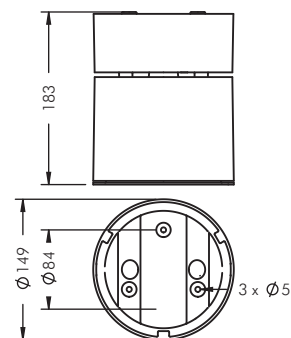
Surface-mounted downlight 35 W, medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 319 042 009	black	General Electric CMH 35 W / Osram HCHT 35 W	GU6.5	2.1 kg	20°
8 319 062 009	white				
8 319 052 009	silver grey				



Surface-mounted downlight Wide beam

For ceramic metal halide lamps (HIT-TC-CE), protection class I, IP65 , IK08 die cast aluminium housing, polyester powder coated, rotationally symmetrical aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, housing locked with a grub screw, ceiling mount: 3 drilled holes $\varnothing$ 5 mm on circular pitch $\varnothing$ 84 mm, cable entry $\varnothing$ 7-10 mm recessed or surface mounted cable, integral electronic ballast, supplied without lamp



Surface-mounted downlight 20 W, wide beam

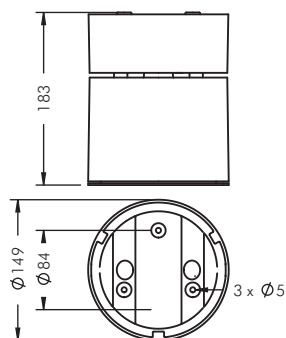
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 316 043 009	black	Philips CDM-Tm 20 W	PGJ5	2.1 kg	35°
8 316 063 009	white				
8 316 053 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 318 043 009	black	General Electric	GU6.5	2.1 kg	35°
8 318 063 009	white	CMH 20 W /			
8 318 053 009	silver grey	Osram HCLTF 20 W			

Surface-mounted downlight 35 W, wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 319 043 009	black	General Electric	GU6.5	2.1 kg	35°
8 319 063 009	white	CMH 35 W /			
8 319 053 009	silver grey	Osram HCLTF 35 W			





Surface-mounted downlight Gimbal mounted reflector narrow beam

For ceramic metal halide lamps (HIT-TC-CE), protection class I, IP65 , IK08 die cast aluminium housing, polyester powder coated, gimbal mounted rotationally symmetrical aluminium reflector, adjustment range 0-15°, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, housing locked with a grub screw, ceiling mount: 3 drilled holes $\varnothing$ 5 mm on circular pitch $\varnothing$ 84 mm, cable entry $\varnothing$ 7-10 mm recessed or surface mounted cable, integral electronic ballast, supplied without lamp

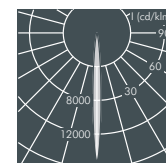
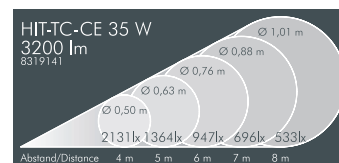
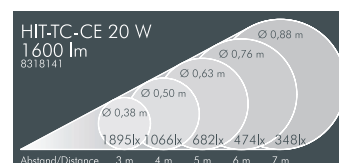
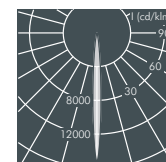
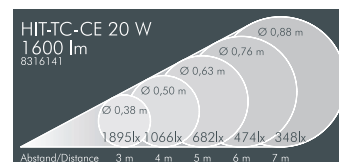
Surface-mounted downlight 20 W, gimbal mounted, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 316 141 009	black	Philips CDM-Tm 20 W	PGJ5	2.1 kg	7°
8 316 161 009	white				
8 316 151 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 318 141 009	black	General Electric CMH 20 W / Osram HCHT 20 W	GU6.5	2.1 kg	7°
8 318 161 009	white				
8 318 151 009	silver grey				

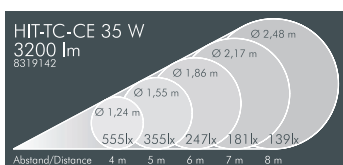
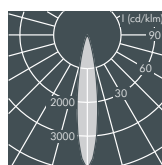
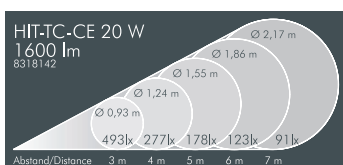
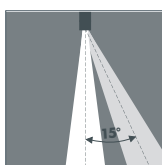
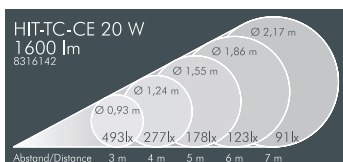
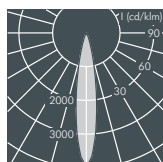
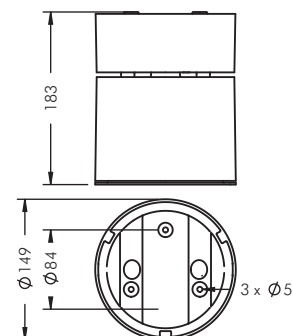
Surface-mounted downlight 35 W, gimbal mounted, narrow beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 319 141 009	black	General Electric CMH 35 W / Osram HCHT 35 W	GU6.5	2.1 kg	9°
8 319 161 009	white				
8 319 151 009	silver grey				



Surface-mounted downlight Gimbal mounted reflector medium wide beam

For ceramic metal halide lamps (HIT-TC-CE), protection class I, IP65 , IK08 die cast aluminium housing, polyester powder coated, gimbal mounted rotationally symmetrical aluminium reflector, adjustment range 0-15°, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, housing locked with a grub screw, ceiling mount: 3 drilled holes $\varnothing$ 5 mm on circular pitch $\varnothing$ 84 mm, cable entry $\varnothing$ 7-10 mm recessed or surface mounted cable, integral electronic ballast, supplied without lamp



Surface-mounted downlight 20 W, gimbal mounted, medium wide beam

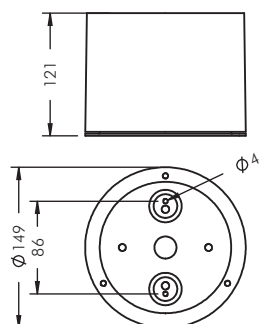
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 316 142 009	black	Philips CDM-Tm 20 W	PGJ5	2.1 kg	18°
8 316 162 009	white				
8 316 152 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 318 142 009	black	General Electric	GU6.5	2.1 kg	18°
8 318 162 009	white	CMH 20 W /			
8 318 152 009	silver grey	Osram HCI-TF 20 W			

Surface-mounted downlight 35 W, gimbal mounted, medium wide beam

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 319 142 009	black	General Electric	GU6.5	2.1 kg	18°
8 319 162 009	white	CMH 35 W /			
8 319 152 009	silver grey	Osram HCI-TF 35 W			





Surface-mounted LED downlight

With 5 x 3 W high performance LEDs, integral thermal monitoring system
Protection class I, IP65 $\triangle$ $\triangle$, IK08
die cast aluminium housing, polyester powder coated, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, housing secured with a grub screw, ceiling mount: 2 drilled holes ϕ 4 mm, spacing 86 mm, cable entry ϕ 4-11 mm recessed cable, integral transformer and on-board driver

Surface-mounted LED downlight, narrow beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 320 046 019	black	5 x LED 3 W warm white	2.3 kg	11°
8 320 066 019	white			
8 320 056 019	silver grey			

Part number	Colour	Light source	Weight	Half beam angle γ
8 320 045 019	black	5 x LED 3 W neutral white	2.3 kg	11°
8 320 065 019	white			
8 320 055 019	silver grey			

Surface-mounted LED downlight, linear beam spread

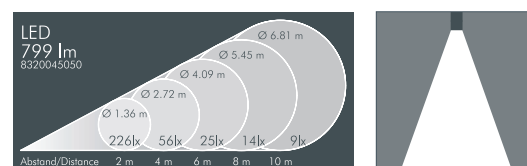
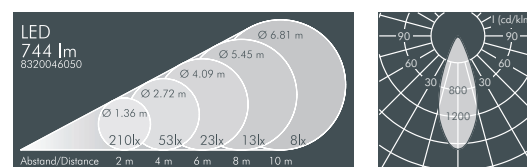
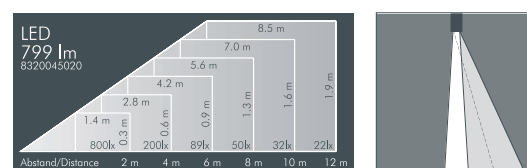
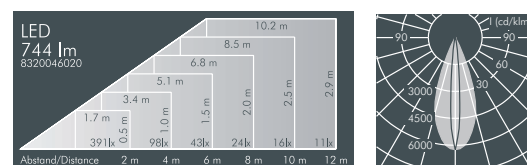
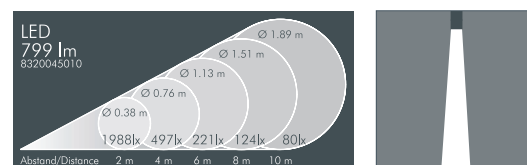
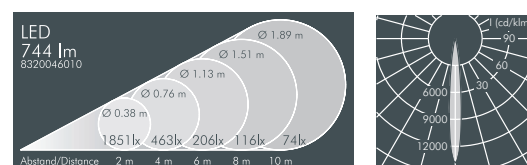
Part number	Colour	Light source	Weight	Half beam angle γ
8 320 046 029	black	5 x LED 3 W warm white	2.3 kg	C 0 – 180
8 320 066 029	white			9°
8 320 056 029	silver grey			38°

Part number	Colour	Light source	Weight	Half beam angle γ
8 320 045 029	black	5 x LED 3 W neutral white	2.3 kg	C 0 – 180
8 320 065 029	white			9°
8 320 055 029	silver grey			38°

Surface-mounted LED downlight, wide beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 320 046 059	black	5 x LED 3 W warm white	2.3 kg	38°
8 320 066 059	white			
8 320 056 059	silver grey			

Part number	Colour	Light source	Weight	Half beam angle γ
8 320 045 059	black	5 x LED 3 W neutral white	2.3 kg	38°
8 320 065 059	white			
8 320 055 059	silver grey			



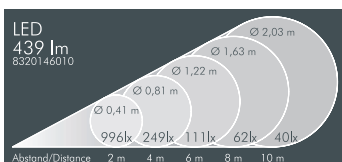
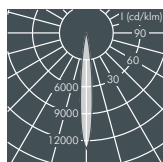
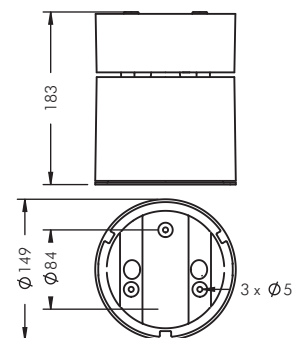
Light source

LEDs, replacement modules available



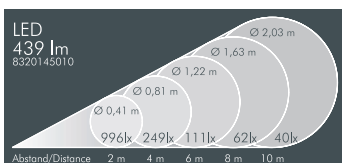
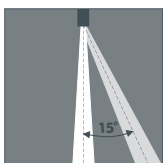
Surface-mounted LED downlight Gimbal mounted

With 5 x 1 W high performance LEDs,
integral thermal monitoring system,
Protection class I, IP65 , IK08
die cast aluminium housing, polyester powder
coated, gimbal mounted LED board, tilt range 0-15°,
all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket,
housing secured with a grub screw,
ceiling mount: 3 drilled holes $\varnothing$ 5 mm, on a circular
pitch $\varnothing$ 84 mm, cable entry $\varnothing$ 7-10 mm recessed or
surface mounted cable, integral transformer and
on-board driver

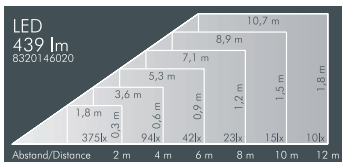
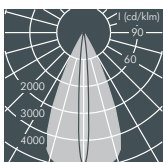


Surface-mounted LED downlight, gimbal mounted, narrow beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 320 146 019	black	5 x LED 1 W warm white	2.1 kg	11°
8 320 166 019	white			
8 320 156 019	silver grey			

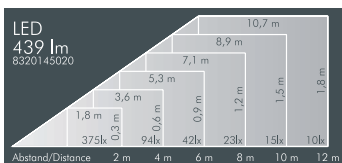
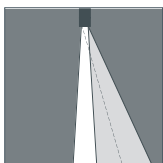


Part number	Colour	Light source	Weight	Half beam angle γ
8 320 145 019	black	5 x LED 1 W neutral white	2.1 kg	11°
8 320 165 019	white			
8 320 155 019	silver grey			

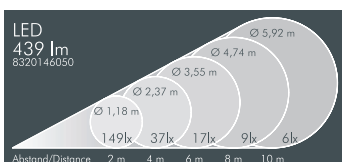
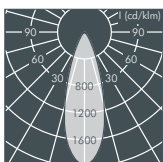


Surface-mounted LED downlight, gimbal mounted, linear beam spread

Part number	Colour	Light source	Weight	Half beam angle γ
8 320 146 029	black	5 x LED 1 W warm white	2.1 kg	C 0 - 180
8 320 166 029	white			9°
8 320 156 029	silver grey			48°

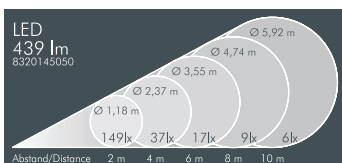
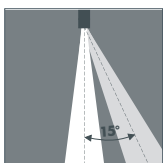


Part number	Colour	Light source	Weight	Half beam angle γ
8 320 145 029	black	5 x LED 1 W neutral white	2.1 kg	C 0 - 180
8 320 165 029	white			9°
8 320 155 029	silver grey			48°



Surface-mounted LED downlight, gimbal mounted, wide beam

Part number	Colour	Light source	Weight	Half beam angle γ
8 320 146 059	black	5 x LED 1 W warm white	2.1 kg	33°
8 320 166 059	white			
8 320 156 059	silver grey			



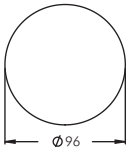
Part number	Colour	Light source	Weight	Half beam angle γ
8 320 145 059	black	5 x LED 1 W neutral white	2.1 kg	33°
8 320 165 059	white			
8 320 155 059	silver grey			

Light source

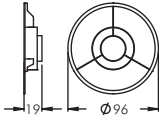
LEDs, replacement modules available



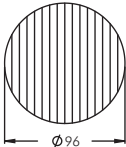
Accessories for surface-mounted downlights 20/35 W narrow, medium wide and wide beam		
Part number	Colour	Description
123 0 311 000	yellow	Dichroic colour filters, internally fitted
123 0 313 000	blue	
123 0 317 000	red	
123 0 318 000	green	

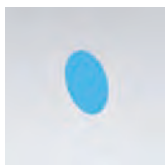
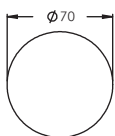


Part number	Description
123 0 320 940	Radial louvre, internally fitted, to reduce lateral glare

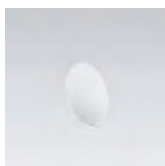
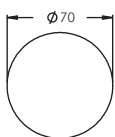


Accessories for surface-mounted downlights 20/35 W, narrow beam	
Part number	Description
123 0 312 000	Ribbed glass spreader lense, internally fitted, for linear beam control

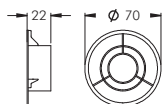



Accessories for surface-mounted downlights 20/35 W, gimbal mounted, narrow and wide beam

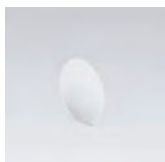
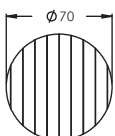
Part number	Colour	Description
123 0 301 000	yellow	Dichroic colour filters, internally fitted
123 0 303 000	blue	
123 0 307 000	red	
123 0 308 000	green	



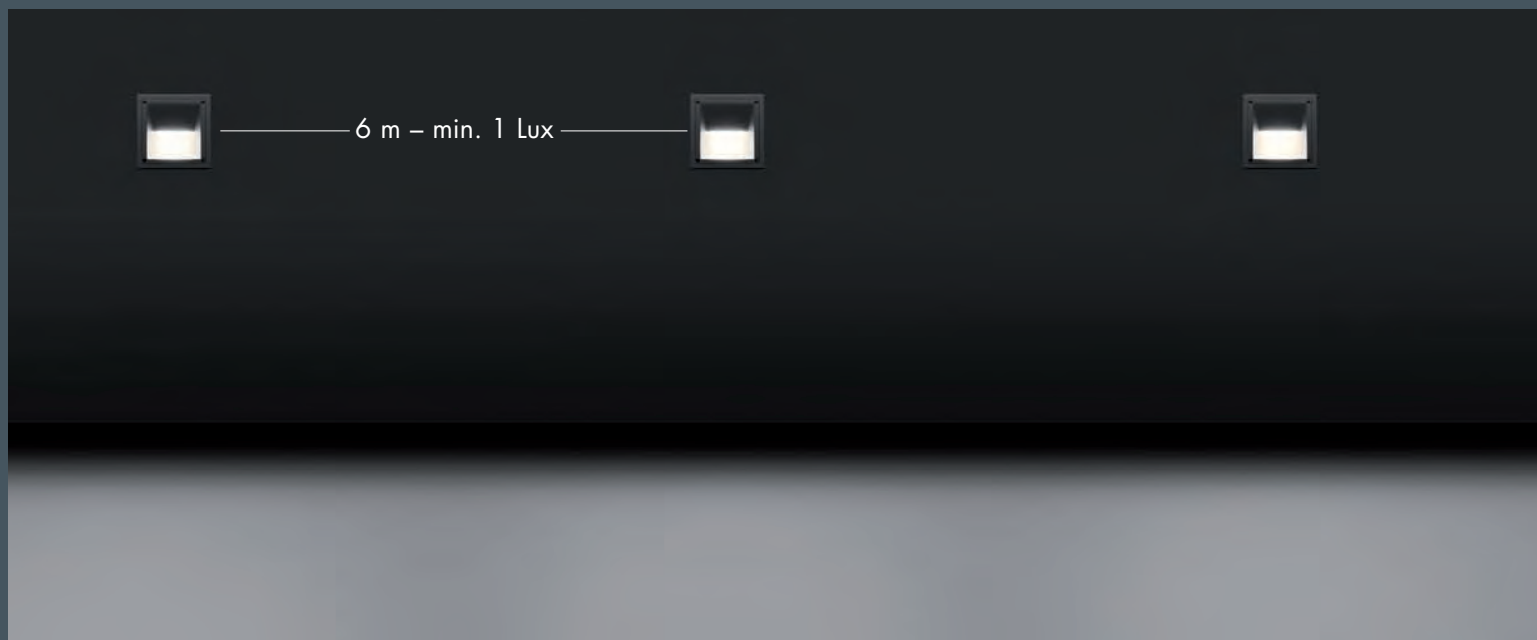
Part number	Description
123 0 300 000	Prismatic glass lense, to widen the beam angle



Part number	Description
123 0 299 940	Radial louvre, internally fitted, to reduce lateral glare


Accessories for surface-mounted downlights, gimbal mounted, narrow beam

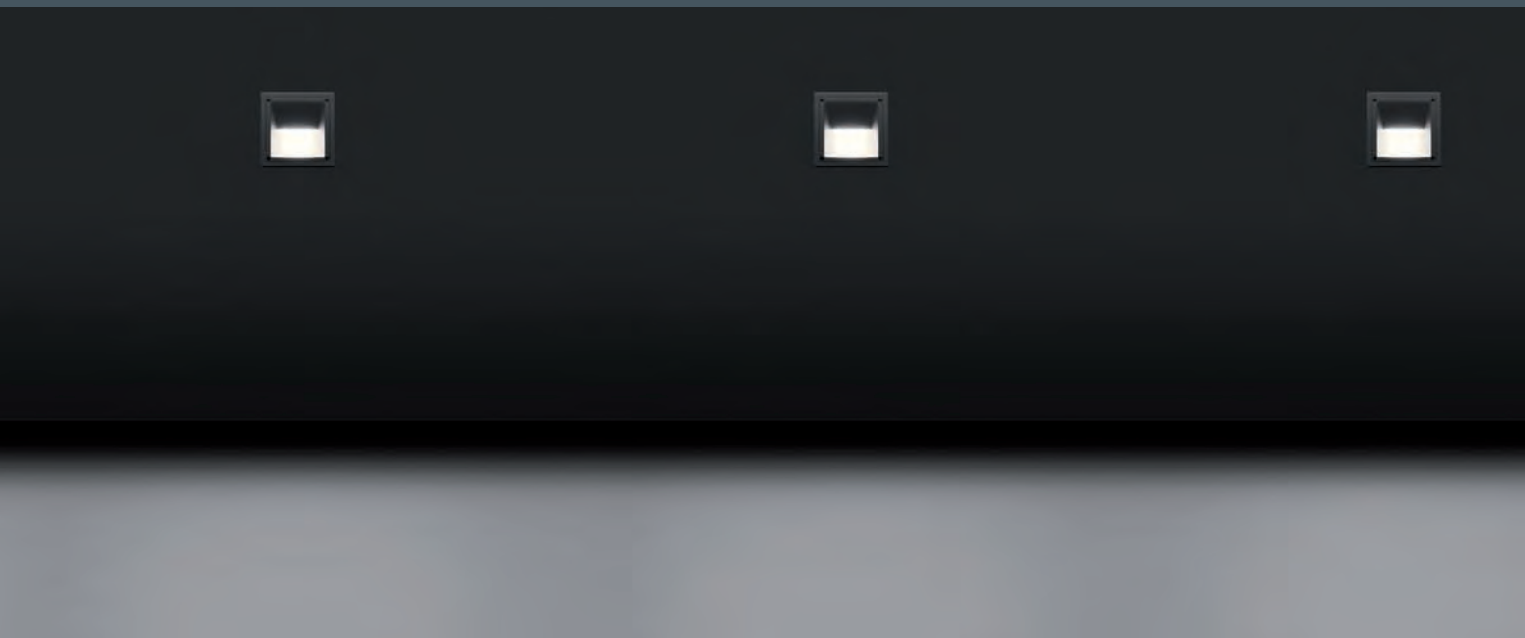
Part number	Description
123 0 302 000	Ribbed glass spreader lense, internally fitted, for linear beam control



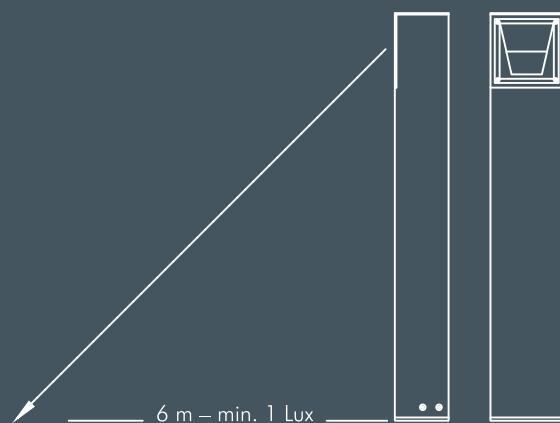
Nightpath is a wall recessed or pathway luminaire for miniature metal halide lamps and LEDs. The reflector system produces an exceptionally wide and uniform light distribution which allows the luminaires to be spaced far apart. The housings are of compact design and offer the advantage of a very shallow recess depth. An impact resistant polycarbonate cover for enhanced protection against vandalism is available as an accessory.



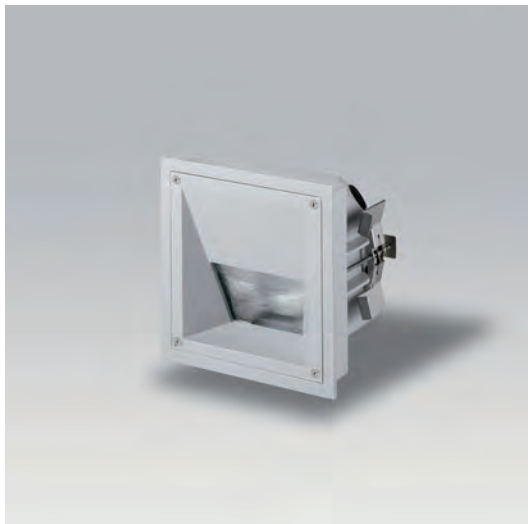
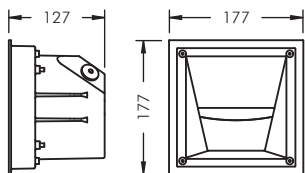
Design: Roy Fleetwood



In outdoor areas the recommendation for walkways and stairs is a minimum of 1 lux average. Nightpath is able to comply with this even with up to 6 metre spacings (at a light source height of 0.8 M). In the case of the LED version, 1 lux average is achieved up to 6 M in front of the luminaires.



The bollard version of Nightpath is built into a robust aluminium profile and can be integrated into any architectural environment thanks to its unostentatious design.



Nightpath Wall recessed luminaire

For ceramic metal halide lamps (HIT-TC-CE) or high performance LEDs,
integral temperature monitoring device,
protection class I, IP65 , IK08
die cast aluminium housing, polyester powder coated,
shielded light source, wide beam asymmetric high
purity aluminium reflector, tempered prismatic safety
glass, all exterior steel parts are stainless steel, with
stainless steel braces for installation in cavity walls
(wall thickness 9-55 mm), cut-out 165 x 165 mm,
silicone gasket, closure by 4 stainless steel screws,
two cable entries, integral electronic ballast
(con-verter for LEDs), supplied without lamp

Nightpath for installation in cavity walls

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 300 043 009	black	Philips CDM-Tm	PGJ5	2.0 kg	80°
8 300 063 009	white	20 W			
8 300 053 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 301 043 009	black	General Electric	GU6,5	2.0 kg	80°
8 301 063 009	white	CMH 20 W/			
8 301 053 009	silver grey	Osram HCHTF 20 W			

Part number	Colour	Light source	Weight	Half beam angle γ
8 303 046 009	black	5 x LED 3 W warm white	2.0 kg	88°
8 303 066 009	white			
8 303 056 009	silver grey			

Nightpath for installation in concrete walls*

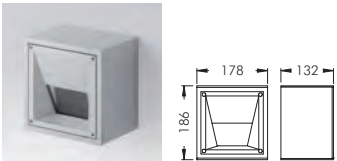
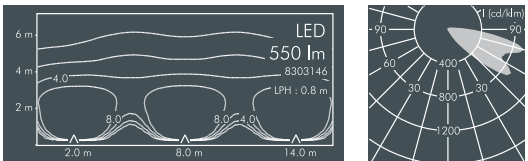
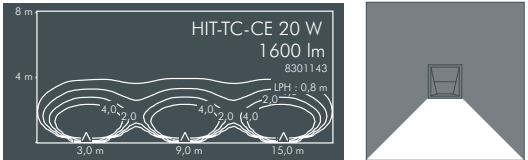
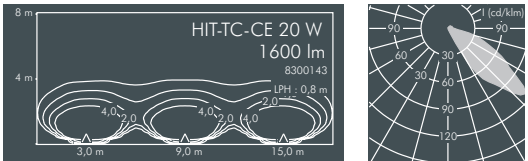
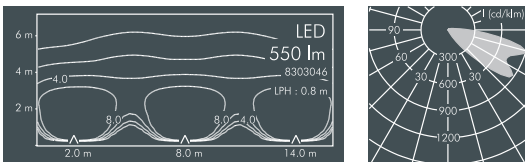
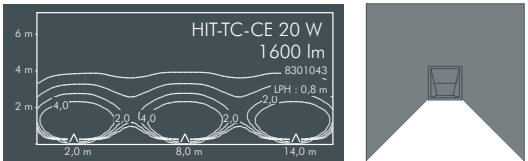
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 300 143 009	black	Philips CDM-Tm	PGJ5	1.9 kg	80°
8 300 163 009	white	20 W			
8 300 153 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 301 143 009	black	General Electric	GU6,5	1.9 kg	80°
8 301 163 009	white	CMH 20 W/			
8 301 153 009	silver grey	Osram HCHTF 20 W			

Part number	Colour	Light source	Weight	Half beam angle γ
8 303 146 009	black	5 x LED 3 W warm white	1.9 kg	88°
8 303 166 009	white			
8 303 156 009	silver grey			

* For the installation of these luminaires, a polypropylene recess box is required (see page 310).

Part number	Description
. . . . 2. . 009	Luminaire for surface mounting, with aluminium housing

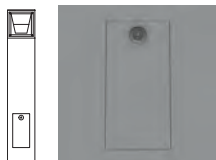
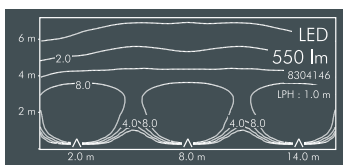
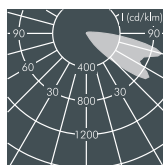
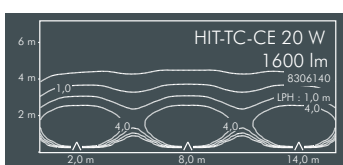
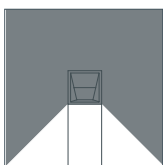
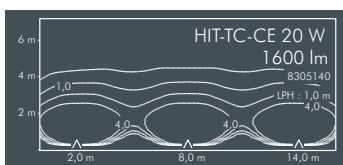
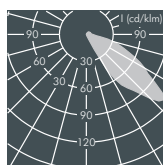
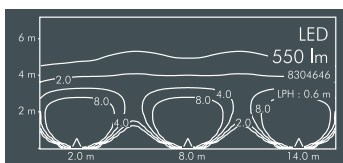
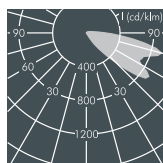
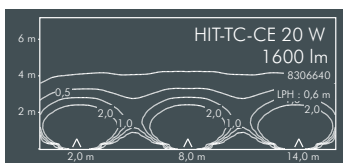
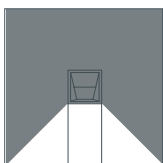
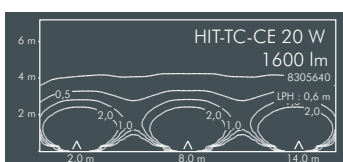
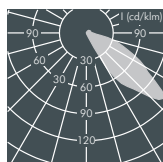
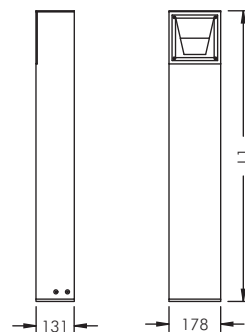


Lamps, Light source (see page 364–365)

HIT-TC-CE	HIT-TC-CE	LEDs, replacement modules available
		

Nightpath Bollard

For ceramic metal halide lamps (HIT-TC-CE) or high performance LEDs, integral temperature monitoring device, protection class I, light head IP65 $\blacklozenge\blacktriangle\blacktriangle$, IK08 die cast aluminium housing, extruded aluminium post, cast aluminium base plate, polyester powder coated, shielded light source, wide beam asymmetric high purity aluminium reflector, tempered prismatic safety glass, all exterior steel parts are stainless steel, silicone gasket, closure by 4 stainless steel screws, integral electronic ballast (converter for LEDs), supplied without lamp



Nightpath bollard, height 600 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 305 640 009	black	Philips CDM-Tm	PGJ5	6.2 kg	80°
8 305 660 009	white	20 W			
8 305 650 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 306 640 009	black	General Electric	GU6.5	6.2 kg	80°
8 306 660 009	white	CMH 20 W/			
8 306 650 009	silver grey	Osram HCI-TF 20 W			

Part number	Colour	Light source	Weight	Half beam angle γ
8 304 646 009	black	5 x LED 3 W warm white	6.2 kg	88°
8 304 666 009	white			
8 304 656 009	silver grey			

Nightpath bollard, height 1000 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 305 140 009	black	Philips CDM-Tm	PGJ5	8.7 kg	80°
8 305 160 009	white	20 W			
8 305 150 009	silver grey				

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ
8 306 140 009	black	General Electric	GU6.5	8.7 kg	80°
8 306 160 009	white	CMH 20 W/			
8 306 150 009	silver grey	Osram HCI-TF 20 W			

Part number	Colour	Light source	Weight	Half beam angle γ
8 304 146 009	black	5 x LED 3 W warm white	8.7 kg	88°
8 304 166 009	white			
8 304 156 009	silver grey			

Part number	Description
... 019	Luminaire with door and connection box

Lamps, Light source (see page 364 – 365)

HIT-TC-CE



HIT-TC-CE



LEDs, replacement modules available

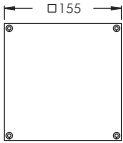
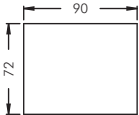


Accessories for Nightpath wall recessed luminaires and bollards

Part number	Colour	Description
123 0 271 000	yellow	Dichroic colour filter, internally fitted
123 0 273 000	blue	
123 0 277 000	red	
123 0 278 000	green	

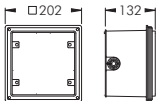
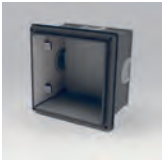
*Nicht für Leuchten mit LED geeignet.

Part number	Description
123 0 270 000	Polycarbonate cover, for protection against vandalism, for flush mounting in luminaire housing (IK10)



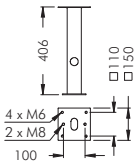
Accessory for Nightpath for installation in concrete walls

Part number	Description
123 0 252 000	Plastic recess box



Accessory for Nightpath bollards

Part number	Description
128 0 346 000	Buried extension piece, steel, hot dip galvanised



Wall recessed luminaires and bollards are generally installed at low level and are therefore particularly prone to vandalism. The impact resistant polycarbonate cover offers additional protection. The cover is mounted on the front of the fitting, flush with the front frame.



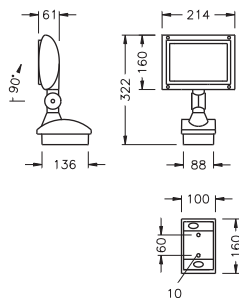
Design: Roy Fleetwood

Nightline is a range of luminaires for modern discharge lamps. The uniform design makes it possible to use them throughout a project, for various lighting applications in exterior and interior situations.

The version with a wall arm is particularly useful for sign lighting.

From our website:
www.meyer-lighting.com
a simple lighting calculation programme for sign lighting with luminaires with wall arm can be downloaded or used on the site.





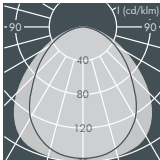
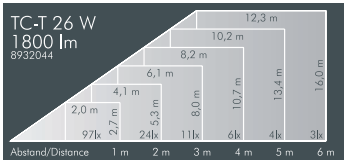
Nightline A

For compact fluorescent lamps (TC-T) and ceramic metal halide lamps (HIT-CE)
protection class I, IP65
die cast aluminium housing, polyester powder coated, axially symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered prismatic safety glass, silicon gasket, closure with 4 stainless steel screws, wall box: 2 drilled holes Ø 10 mm, spacing 60 mm, cable entry: Ø 7–10 mm, recessed or surface mounted cable, joint with 90° range, LPF ballast or electronic ballast in wall box, supplied without lamp

Nightline A, TC-T

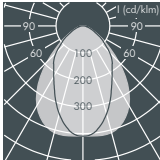
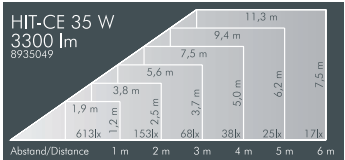
Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 932 044 009	black	TC-T 26 W	GX24d-3	3.0 kg	93°	85°
8 932 064 009	white					
8 932 054 009	silver grey					

*Can also be supplied with electronic ballast.



Nightline A, HIT-CE with electronic ballast

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 935 049 009	black	HIT-CE 35 W	G12	3.0 kg	64°	87°
8 935 069 009	white					
8 935 059 009	silver grey					

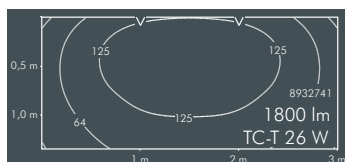
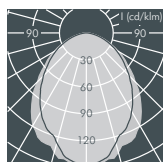
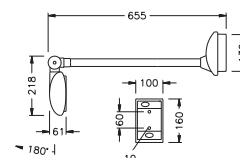


The prismatic safety glass ensures uniform light distribution.



Nightline A with wall arm

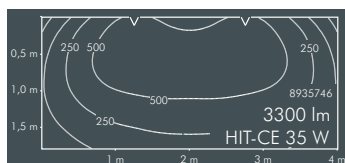
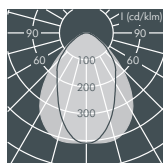
For compact fluorescent lamps (TC-T) and ceramic metal halide lamps (HIT-CE)
protection class I, IP65 
die cast aluminium housing, polyester powder coated, axially symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered prismatic safety glass, silicon gasket, closure with 4 stainless steel screws, wall box: 2 drilled holes $\varnothing$ 10 mm, spacing 60 mm, cable entry $\varnothing$ 7–10 mm, recessed or surface mounted cable, knuckle joint with tilt range 180°, LPF ballast or electronic ballast in wall box, supplied without lamp



Nightline A with wall arm, TC-T

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 932 741 009	black	TC-T 26 W	GX24d-3	3.3 kg	C 0 – 180	C 90 – 270
8 932 761 009	white				93°	85°
8 932 751 009	silver grey					

* Can also be supplied with electronic ballast upon request.



Nightline A with wall arm, HIT-CE with electronic ballast

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 935 746 009	black	HIT-CE 35 W	G12	3.3 kg	64°	87°
8 935 766 009	white					
8 935 756 009	silver grey					

This compact luminaire is suitable for the illumination of smaller signs.

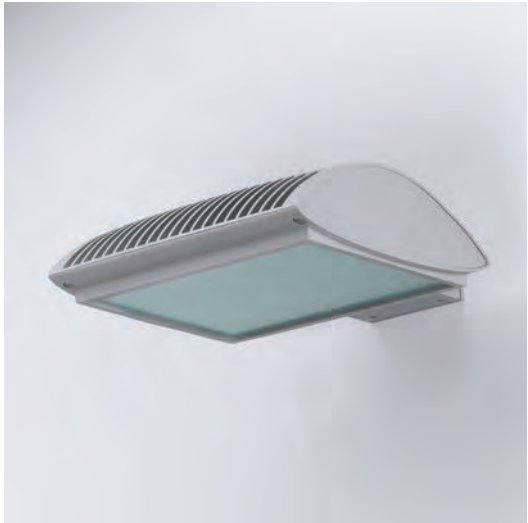
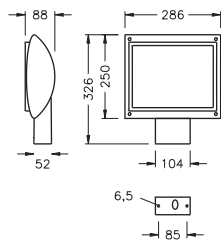


Lamps (see page 364–365)

TC-T

HIT-CE





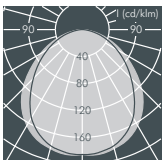
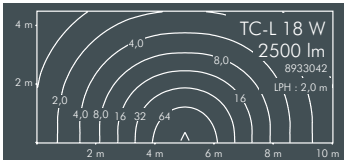
Nightline B

For compact fluorescent lamps (TC-L)
protection class I, IP65 
die cast aluminium housing, polyester powder coated, axially symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered prismatic safety glass, silicon gasket, closure with 4 stainless steel screws, wall box: 2 drilled holes Ø 6.5 mm, spacing 85 mm, cable entry Ø 7-10 mm, recessed or surface mounted cable, integral starter and LPF ballast, HPF available on request (see page 362), supplied without lamp

Nightline B without joint, TC-L

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 933 042 009	black	2 x TC-L 18 W	2G11	4.5 kg	C 0 - 180	C 90 - 270
8 933 062 009	white				107°	97°
8 933 052 009	silver grey					

*Can also be supplied with electronic ballast.



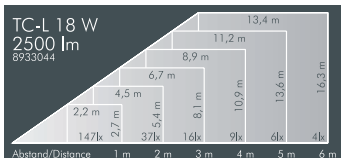
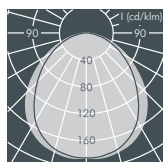
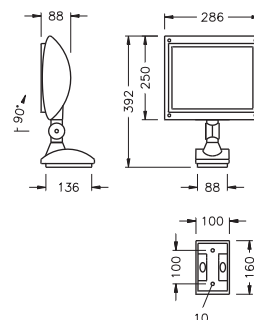
These luminaires can also be used as uplighters to achieve uniform illumination of a ceiling.



The detail on the housing is evidence of the top quality finish.

Nightline B with joint

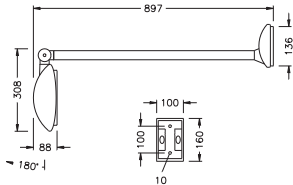
For compact fluorescent lamps (TC-L)
protection class I, IP65 
die cast aluminium housing, polyester powder
coated, axially symmetrical high gloss aluminium
reflector, all exterior steel parts are stainless steel,
tempered prismatic safety glass, silicon gasket,
closure with 4 stainless steel screws, wall box:
4 drilled holes Ø 10 mm, spacing 100 mm,
cable entry: Ø 7–10 mm, recessed or surface
mounted cable, joint with 90° range, integral
LPF ballast, HPF available on request (see page 362),
supplied without lamps



Nightline B with joint, TC-L

Part number *	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 933 044 009	black	2 x TC-L 18 W	2G11	5.0 kg	107°	97°
8 933 064 009	white					
8 933 054 009	silver grey					

* Can also be supplied with electronic ballast.

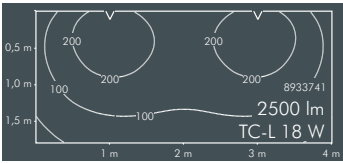


Nightline B with wall arm
For compact fluorescent lamps (TC-L)
protection class I, IP65
die cast aluminium housing, polyester powder coated, axially symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered prismatic safety glass, silicon gasket, closure with 4 stainless steel screws, wall box: 2 drilled holes Ø 10 mm, spacing 100 mm, cable entry Ø 7-10 mm, recessed or surface mounted cable, knuckle joint with tilt range 180°, integral starter and LPF ballast, HPF available on request (see page 362), supplied without lamp

Nightline B with wall arm, TC-L

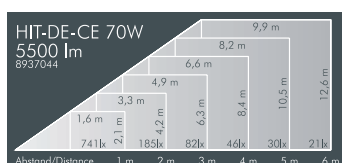
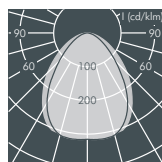
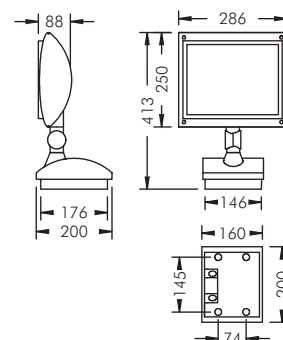
Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 933 741 009	black	2 x TC-L 18 W	2G11	4.6 kg	C 0 - 180	C 90 - 270
8 933 761 009	white				107°	97°
8 933 751 009	silver grey					

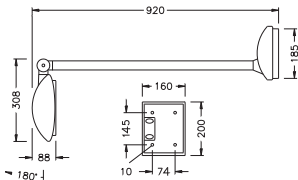
*Can also be supplied with electronic ballast upon request.



Nightline B with joint

For metal halide lamps (HIT-DE) and ceramic metal halide lamps (HIT-DE-CE) protection class I, IP65  die cast aluminium housing, polyester powder coated, axially symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered prismatic safety glass, silicon gasket, closure with 4 stainless steel screws, wall box: 4 drilled holes Ø 10 mm, spacing 74 x 145 mm, cable entry: Ø 7–10 mm, recessed or surface mounted cable, joint with 90° range, LPF ballast and ignitor or electronic ballast in wall box, HPF available on request (see page 362), supplied without lamps





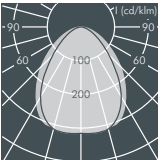
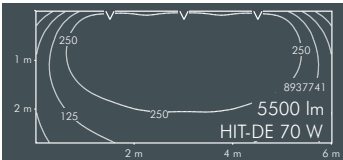
**Nightline B
with wall arm**

For metal halide lamps (HIT-DE) and ceramic metal halide lamps (HIT-DE-CE)
protection class I, IP65
die cast aluminium housing, polyester powder coated, axially symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered prismatic safety glass, silicon gasket, closure with 4 stainless steel screws, wall box: 4 drilled holes Ø 10 mm, spacing 74 x 145 mm, cable entry Ø 7-10 mm, recessed or surface mounted cable, knuckle joint with tilt range 180°, LPF ballast and ignitor or electronic ballast in wall box, HPF available on request (see page 362), supplied without lamp

Nightline B with wall arm, HIT-DE/ HIT-DE-CE

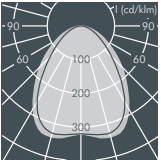
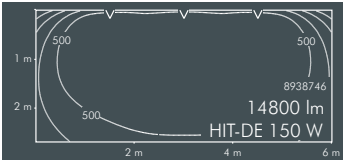
Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 937 741 009	black	HIT-DE 70 W	Rx7s	6.5 kg	C 0 – 180	C 90 – 270
8 937 761 009	white	HIT-DE-CE 70 W			93°	79°
8 937 751 009	silver grey					

*Can also be supplied with electronic ballast upon request.



Nightline B with wall arm, HIT-DE/ HIT-DE-CE with electronic ballast

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 938 746 009	black	HIT-DE 150 W	Rx7s	5.7 kg	91°	81°
8 938 766 009	white	HIT-DE-CE 150 W				
8 938 756 009	silver grey					



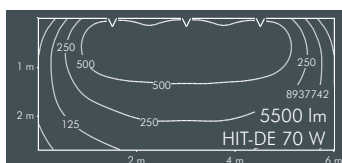
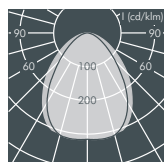
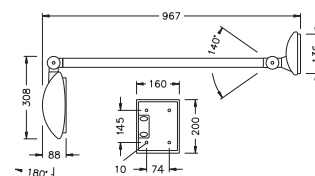
In the case of luminaires for discharge lamps, the control gear is in the wall box.



Nightline B with wall arm and 2 joints

For metal halide lamps (HIT-DE) and
ceramic metal halide lamps (HIT-DE-CE)
protection class I, IP65

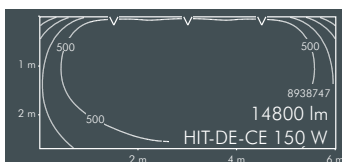
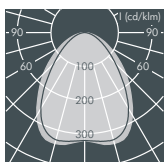
die cast aluminium housing, polyester powder
coated, axially symmetrical high gloss aluminium
reflector, all exterior steel parts are stainless steel,
tempered prismatic safety glass, silicon gasket,
closure with 4 stainless steel screws, wall box:
4 drilled holes $\varnothing$ 10 mm, spacing 74 x 145 mm,
cable entry $\varnothing$ 7–10 mm, recessed or surface
mounted cable, knuckle joint with tilt range 180°,
wall arm with tilt range 140°, LPF ballast and ignitor
or electronic ballast in wall box, HPF available
on request (see page 362), supplied without lamp



Nightline B with wall arm and 2 joints, HIT-DE/HIT-DE-CE

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 937 742 009	black	HIT-DE 70 W	Rx7s	6.7 kg	C 0 – 180	C 90 – 270
8 937 762 009	white	HIT-DE-CE 70 W			93°	79°
8 937 752 009	silver grey					

* Can also be supplied with electronic ballast upon request.



Nightline B with wall arm and 2 joints, HIT-DE/HIT-DE-CE with electronic ballast

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 938 747 009	black	HIT-DE 150 W	Rx7s	5.9 kg	91°	81°
8 938 767 009	white	HIT-DE-CE 150 W				
8 938 757 009	silver grey					

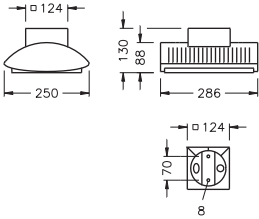
Lamps (see page 364–365)

HIT-DE



HIT-DE-CE





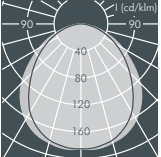
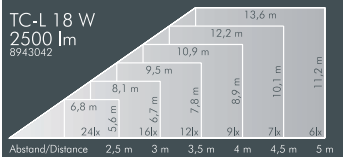
Nightline BC without joint ceiling mount luminaire

For compact fluorescent lamps (TC-L) protection class I, IP65  die cast aluminium housing, polyester powder coated, axially symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered prismatic safety glass, silicon gasket, closure with 4 stainless steel screws, ceiling box: 2 drilled holes Ø 8 mm, spacing 70 mm, cable entry: Ø 7–10 mm, recessed or surface mounted cable, integral starter and LPF ballast, HPF available on request (see page 362), supplied without lamps

Nightline BC, ceiling mount luminaire without joint, TC-L

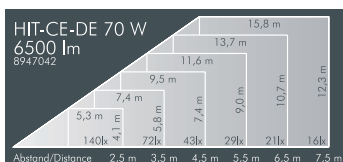
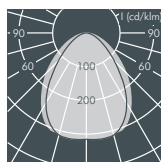
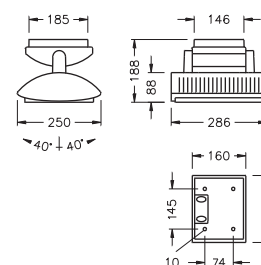
Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 943 042 009	black	2 x TC-L 18 W	2G11	4.7 kg	107°	97°
8 943 062 009	white					
8 943 052 009	silver grey					

*Can also be supplied with electronic ballast.



Nightline BG with joint ceiling mount luminaire

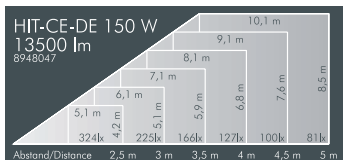
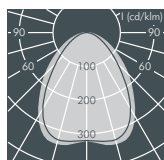
For metal halide lamps (HIT-DE) and ceramic metal halide lamps (HIT-DE-CE)
 protection class I, IP65   
 die cast aluminium housing, polyester powder coated, axially symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered prismatic safety glass, silicon gasket, closure with 4 stainless steel screws, ceiling box: 4 drilled holes $\varnothing$ 10 mm, spacing 74 x 145 mm, cable entry: $\varnothing$ 7–10 mm, recessed or surface mounted cable, joint with 80° range, LPF ballast and ignitor or electronic ballast in wall box, HPF available on request (see page 362), supplied without lamp



Nightline BG, ceiling mount luminaire with joint, HIT-DE/ HIT-DE-CE

Part number *	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 947 042 009	black	HIT-DE 70 W	Rx7s	6.2 kg	93°	79°
8 947 062 009	white	HIT-DE-CE 70 W				
8 947 052 009	silver grey					

* Can also be supplied with electronic ballast.



Nightline BG, ceiling mount luminaire with joint, HIT-DE/ HIT-DE-CE with electronic ballast

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 948 047 009	black	HIT-DE 150 W	Rx7s	5.4 kg	91°	81°
8 948 067 009	white	HIT-DE-CE 150 W				
8 948 057 009	silver grey					

The joints allow the luminaire to be tilted and can thus compensate for sloped ceilings up to 40°.



Lamps (see page 364–365)

HIT-DE



HIT-DE-CE

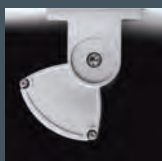




Nightline L is an innovative exterior luminaire series for T16 fluorescent lamps. The high protection class IP65 allows them to be used facing in any direction. There are four different lengths of housing to accommodate T16 lamps of different wattages.

In addition to the individual luminaries of the Nightline L series, there is also the Nightline LS modular series for creating continuous lines.

Depending on the installation there is a choice of a short mounting flange or 2 longer arms.





Design: Roy Fleetwood

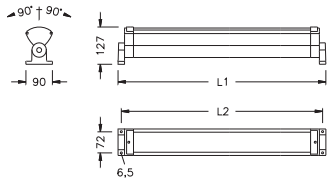


The slim cross section blends in discreetly on façades or advertising surfaces.



In the download section of our website www.meyer-lighting.com there is a simple programme to help calculate the required number of luminaires and print a bill of quantities for a specific job. This programme can be downloaded.

Barvikha Luxury Village, Moscow
Lighting design (exterior and landscape lighting), supply and installation:
Lighting Design Center (Illuminator Group)

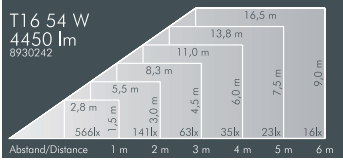
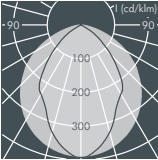
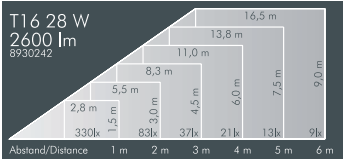
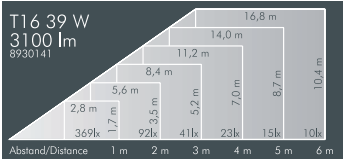
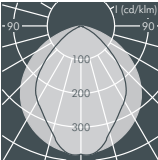
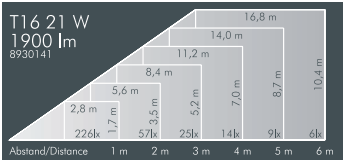
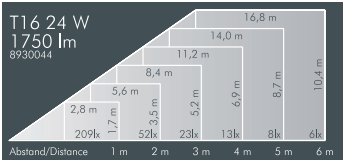
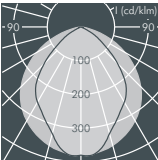
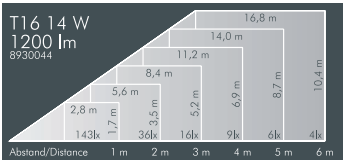


Nightline L

For T16 fluorescent lamps
protection class I, IP66 , IK10
die cast aluminium, polyester powder coated,
axially symmetrical high gloss aluminium reflector,
all exterior steel parts are stainless steel,
polycarbonate lense, silicon gasket, closure with
2 stainless steel screws, mounting flange: 4 drilled
holes Ø 6.5 mm, spacing 72 x L2 mm, tilt range
180°, cable entry: M20, integral electronic ballast,
supplied without lamp

Nightline L, L1 = 712 mm, L2 = 689 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 930 044 009	black	T16 14/24 W	G5	3 kg	82°	109°
8 930 064 009	white					
8 930 054 009	silver grey					



Nightline L, L1 = 1012 mm, L2 = 989 mm

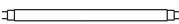
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 930 141 009	black	T16 21/39 W	G5	4.6 kg	82°	109°
8 930 161 009	white					
8 930 151 009	silver grey					

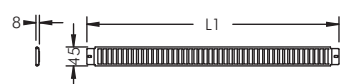
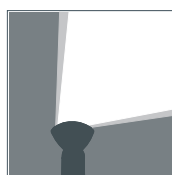
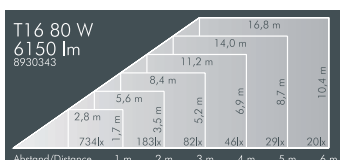
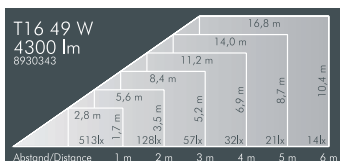
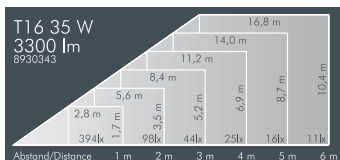
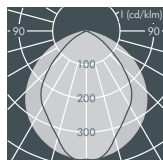
Nightline L, L1 = 1312 mm, L2 = 1289 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 930 242 009	black	T16 28/54 W	G5	6.2 kg	82°	109°
8 930 262 009	white					
8 930 252 009	silver grey					

Lamps (see page 364–365)

T16





Nightline L, L1 = 1612 mm, L2 = 1589 mm

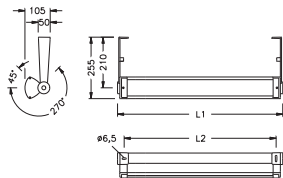
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 930 343 009	black	T16 35/ 49/80 W	G5	7 kg	82°	109°
8 930 363 009	white					
8 930 353 009	silver grey					

Part number	Description
. 089	Luminaire with asymmetric light distribution

Accessories for Nightline L

Part number	Lamp	L1	Description
129 0 341 940	T16 14/24 W	600 mm	Louvre , aluminium, to avoid glare lengthwise
129 0 342 940	T16 21/39 W	900 mm	
129 0 343 940	T16 28/54 W	1200 mm	
129 0 344 940	T16 35/49/80 W	1500 mm	



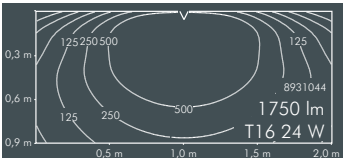
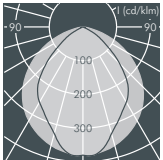
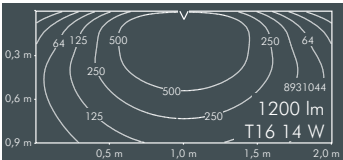


Nightline L with wall arm

For T16 fluorescent lamps
protection class I, IP66 , IK10
housing made of extruded aluminium profile and
die cast aluminium, polyester powder coated,
axially symmetrical high gloss aluminium reflector,
all exterior steel parts are stainless steel,
polycarbonate lense, silicon gasket,
closure with 2 stainless steel screws,
wall arm 210 mm (350 mm): 2 drilled holes
Ø 6.5 mm, spacing L2 mm, tilt range 270°,
cable entry M20, integral electronic ballast,
supplied without lamp

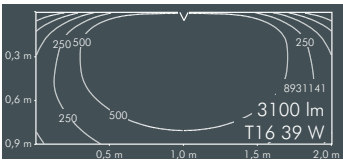
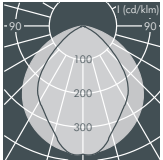
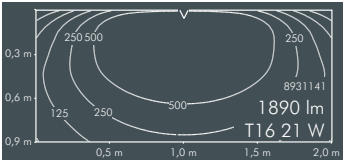
Nightline L with wall arm, L1 = 686 mm, L2 = 631 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 931 044 009	black	T16 14/24 W	G5	3.0 kg	C 0 – 180	C 90 – 270
8 931 064 009	white				82°	109°
8 931 054 009	silver grey					



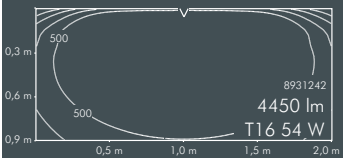
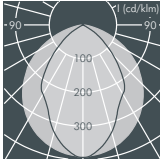
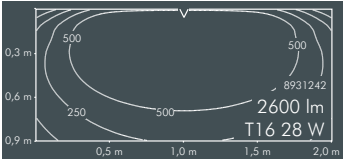
Nightline L with wall arm, L1 = 986 mm, L2 = 931 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 931 141 009	black	T16 21/39 W	G5	4.6 kg	C 0 – 180	C 90 – 270
8 931 161 009	white				82°	109°
8 931 151 009	silver grey					



Nightline L with wall arm, L1 = 1286 mm, L2 = 1231 mm

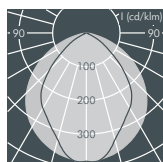
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 931 242 009	black	T16 28/54 W	G5	6.2 kg	C 0 – 180	C 90 – 270
8 931 262 009	white				82°	109°
8 931 252 009	silver grey					



Lamps (see page 364–365)

T16







Nightline LS Modular System

The luminaire modules are joined together in continuous runs. The luminaire system is installed using either wall brackets or wall arms. The wall arms increase the distance between the luminaire and the surface to be illuminated, thus increasing the uniformity of light distribution.

Regardless of the number of luminaires to be connected, just 1 wall bracket set **or** 1 wall arm set is required to mount the outer left and right hand luminaires, LSL and LSR, to the surface.

Mounting components for Nightline LS Modular System

Part number	Colour	Description
129 0 199 940	black	Wall bracket set (pair) for outer luminaires
129 0 199 960	white	
129 0 199 950	silver grey	

Mounting components for Nightline LS Modular System

Part number	Colour	Description
129 0 196 940	black	Wall arm set , (pair) for outer luminaires, length 210 mm
129 0 196 960	white	
129 0 196 950	silver grey	

Mounting components for Nightline LS Modular System

Part number	Colour	Description
129 0 346 940	black	Wall arm set , (pair) for outer luminaires, length, 350 mm
129 0 346 960	white	
129 0 346 950	silver grey	

To connect two luminaires together, either one connection bracket **or** one connection arm is required. The number of these connection parts required equals the total number of luminaires minus 1.

Mounting components for Nightline LS Modular System

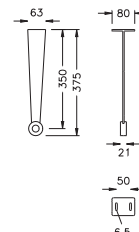
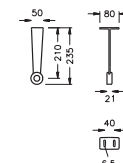
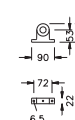
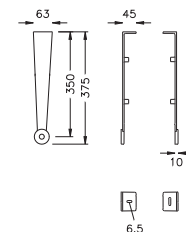
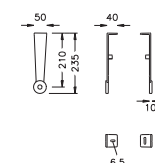
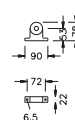
Part number	Colour	Description
129 0 220 940	black	Connection bracket , for connection of 2 luminaires, c/w cable for through wiring
129 0 220 960	white	
129 0 220 950	silver grey	

Mounting components 210 mm for Nightline LS Modular System

Part number	Colour	Description
129 0 219 940	black	Connection arm , for connection of 2 luminaires, c/w cable for through wiring, length 210 mm
129 0 219 960	white	
129 0 219 950	silver grey	

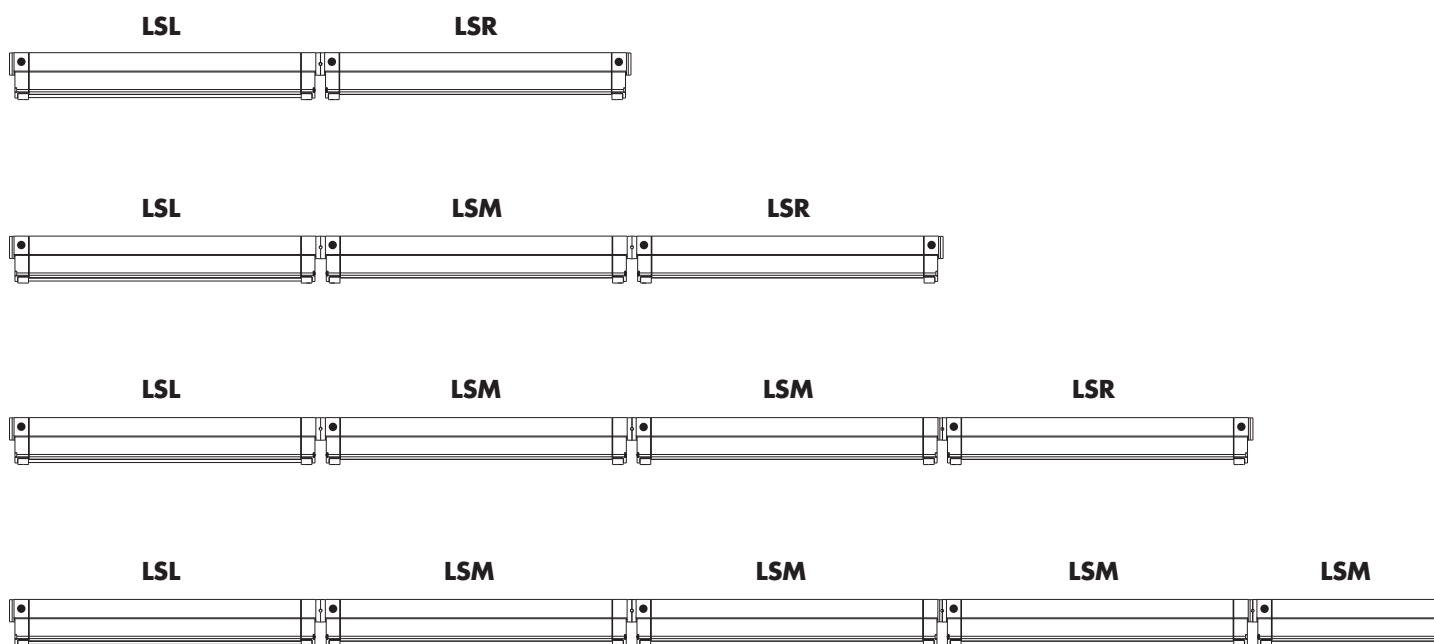
Mounting components for Nightline LS Modular System

Part number	Colour	Description
129 0 347 940	black	Connection arm , for connection of 2 luminaires, c/w cable for through wiring, length 350 mm
129 0 347 960	white	
129 0 347 950	silver grey	



The Modular System

Luminaires of different lengths and wattages can be connected together. One left (LSL) and one right (LSR) luminaire are always required. In addition to these, middle luminaires (LSM) can be added to the system.

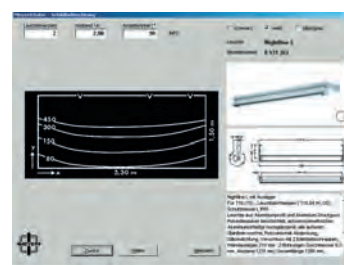
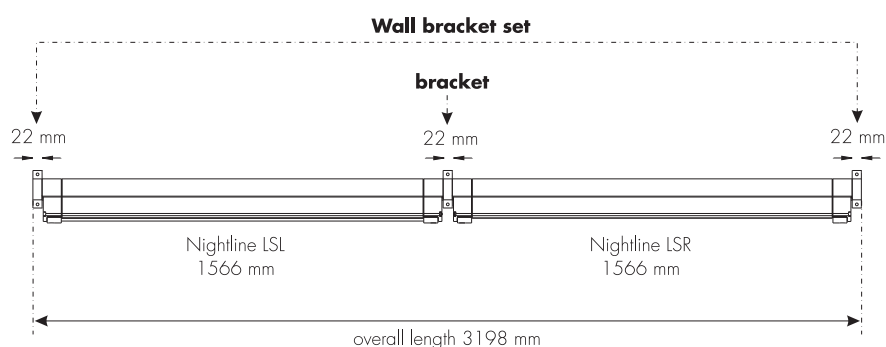


- **Cable gland** (on rear side)

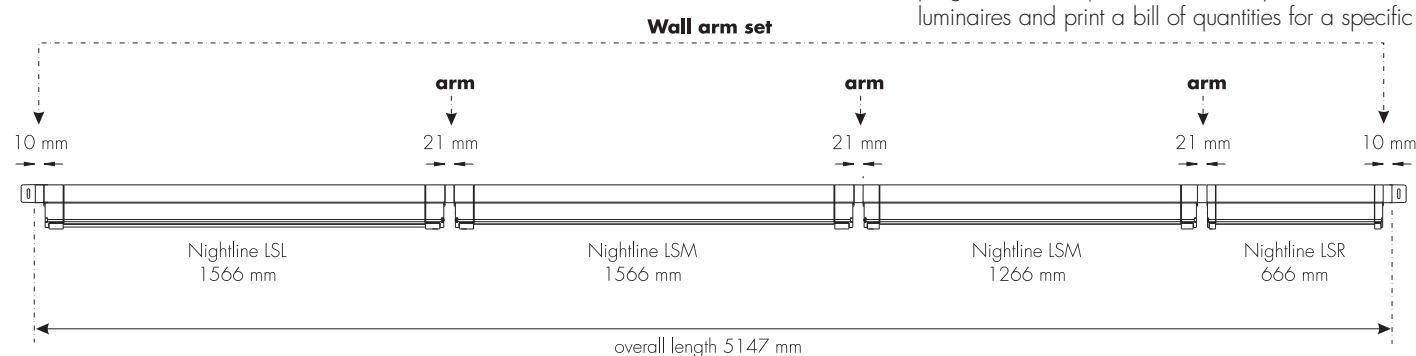
Examples

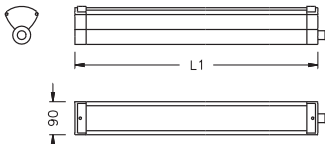
To calculate the overall length of the system, the lengths of the individual luminaire modules and the dimensions of the connection brackets or arms must be added together.

By combining luminaires of different lengths, the overall length of the system can be made to coincide with the dimensions of the surface to be illuminated.



In the download section of our website www.meyer-lighting.com there is a simple programme to help calculate the required number of luminaires and print a bill of quantities for a specific job.





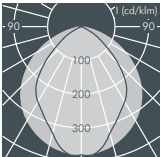
Nightline LSL Modular System, left

For T16 fluorescent lamps
protection class I, IP66 , IK10
housing made of extruded aluminium profile and
die cast aluminium, polyester powder coated,
axially symmetrical high gloss aluminium reflector,
all exterior steel parts are stainless steel,
polycarbonate lense, silicon gasket, closure with
2 stainless steel screws, with stainless steel coupling
on right side, cable entry gland M20, integral
electronic ballast, supplied without lamp

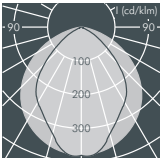
LSL



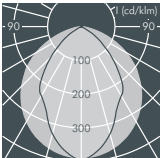
Nightline LSL, left, L 1 = 666 mm						
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 940 044 009	black	T16 14/24 W	G5	2.7 kg	C 0 – 180	C 90 – 270
8 940 064 009	white				82°	109°
8 940 054 009	silver grey					



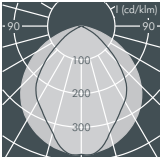
Nightline LSL, left, L 1 = 966 mm						
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 940 141 009	black	T16 21/39 W	G5	4.3 kg	C 0 – 180	C 90 – 270
8 940 161 009	white				82°	109°
8 940 151 009	silver grey					



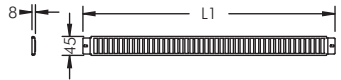
Nightline LSL, left, L 1 = 1266 mm						
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 940 242 009	black	T16 28/54 W	G5	5.9 kg	C 0 – 180	C 90 – 270
8 940 262 009	white				82°	109°
8 940 252 009	silver grey					



Nightline LSL, left, L 1 = 1566 mm						
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 940 343 009	black	T16 35/49/80 W	G5	6.7 kg	C 0 – 180	C 90 – 270
8 940 363 009	white				82°	109°
8 940 353 009	silver grey					



Accessories for Nightline LSL			
Part number	Lamp	L1	Description
129 0 341 940	T16 14/24 W	600 mm	Louvre , aluminium, to avoid glare lengthwise
129 0 342 940	T16 21/39 W	900 mm	
129 0 343 940	T16 28/54 W	1200 mm	
129 0 344 940	T16 35/49/80 W	1500 mm	



Lamps (see page 364–365)

T16



Nightline LSM Modular System, middle

For T16 fluorescent lamps

protection class I, IP66 , IK10

housing made of extruded aluminium profile and

die cast aluminium, polyester powder coated,

axially symmetrical high gloss aluminium reflector,

all exterior steel parts are stainless steel,

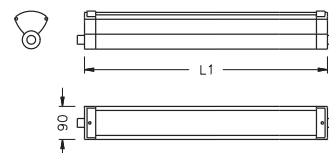
polycarbonate lense, silicon gasket, closure with

2 stainless steel screws, with stainless steel coupling

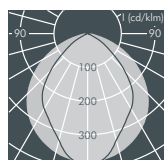
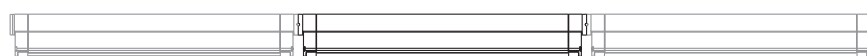
on left and right side, possibility for cable gland

M20, integral electronic ballast, supplied without

lamp

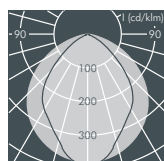


LSM



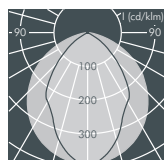
Nightline LSM, middle, L 1 = 666 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 941 044 009	black	T16 14/24 W	G5	2.7 kg	C 0 – 180	C 90 – 270
8 941 064 009	white				82°	109°
8 941 054 009	silver grey					



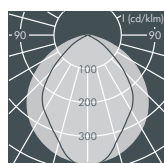
Nightline LSM, middle, L 1 = 966 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 941 141 009	black	T16 21/39 W	G5	4.3 kg	C 0 – 180	C 90 – 270
8 941 161 009	white				82°	109°
8 941 151 009	silver grey					



Nightline LSM, middle, L 1 = 1266 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 941 242 009	black	T16 28/54 W	G5	5.9 kg	C 0 – 180	C 90 – 270
8 941 262 009	white				82°	109°
8 941 252 009	silver grey					



Nightline LSM, middle, L 1 = 1566 mm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 941 343 009	black	T16 35/49/80 W	G5	6.7 kg	C 0 – 180	C 90 – 270
8 941 363 009	white				82°	109°
8 941 353 009	silver grey					

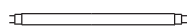


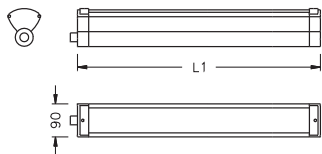
Accessories for Nightline LSM

Part number	Lamp	L1	Description
129 0 341 940	T16 14/24 W	600 mm	Louvre , aluminium, to avoid glare lengthwise
129 0 342 940	T16 21/39 W	900 mm	
129 0 343 940	T16 28/54 W	1200 mm	
129 0 344 940	T16 35/49/80 W	1500 mm	

Lamps (see page 364–365)

T16



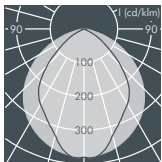


Nightline LSR Modular System, right
For T16 fluorescent lamps
protection class I, IP66 , IK10
housing made of extruded aluminium profile and
die cast aluminium, polyester powder coated,
axially symmetrical high gloss aluminium reflector,
all exterior steel parts are stainless steel,
polycarbonate lense, silicon gasket, closure with
2 stainless steel screws, with stainless steel
coupling on left side, possibility for cable gland
M20, integral electronic ballast, supplied without
lamp

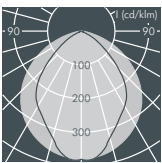
LSR



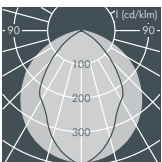
Nightline LSR, right, L 1 = 666 mm						
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 942 044 009	black	T16 14/24 W	G5	2.7 kg	C 0 – 180	C 90 – 270
8 942 064 009	white				82°	109°
8 942 054 009	silver grey					



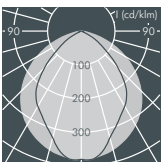
Nightline LSR, right, L 1 = 966 mm						
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 942 141 009	black	T16 21/39 W	G5	4.3 kg	C 0 – 180	C 90 – 270
8 942 161 009	white				82°	109°
8 942 151 009	silver grey					



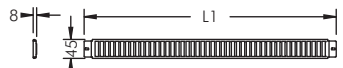
Nightline LSR, right, L 1 = 1266 mm						
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 942 242 009	black	T16 28/54 W	G5	5.9 kg	C 0 – 180	C 90 – 270
8 942 262 009	white				82°	109°
8 942 252 009	silver grey					



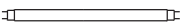
Nightline LSR, right, L 1 = 1566 mm						
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 942 343 009	black	T16 35/49/80 W	G5	6.7 kg	C 0 – 180	C 90 – 270
8 942 363 009	white				82°	109°
8 942 353 009	silver grey					



Accessories for Nightline L			
Part number	Lamp	L1	Description
129 0 341 940	T16 14/24 W	600 mm	Louvre , aluminium, to avoid glare lengthwise
129 0 342 940	T16 21/39 W	900 mm	
129 0 343 940	T16 28/54 W	1200 mm	
129 0 344 940	T16 35/49/80 W	1500 mm	



Lamps (see page 364–365)
T16



If modules of the same length are to be connected together, lamps of the same wattage should be used in order to ensure uniform illumination.

FH lamps (Osram terminology) or HE lamps (Philips terminology) have the same light density regardless of wattage or length of lamp.

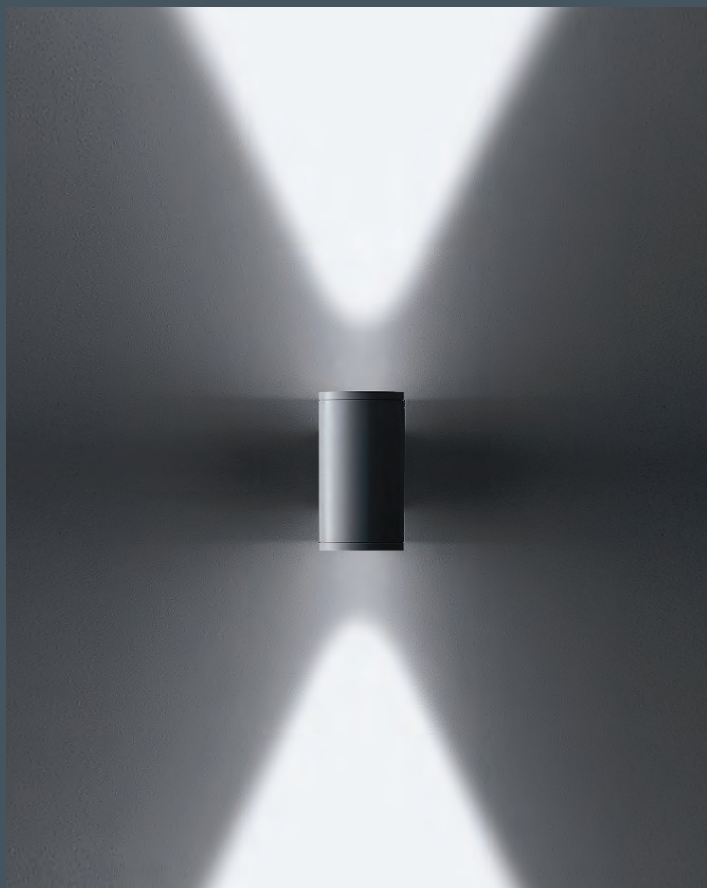
FH/HE lamps of similar light density which can be combined in one system of modules with differing lengths:

Module length L1	Lamp
666 mm	T16 14 W
966 mm	T16 21 W
1266 mm	T16 28 W
1566 mm	T16 35 W

The max. number of luminaires per power supply feed is 28 per group. Also, a maximum load of 4 Amps per group must not be exceeded.

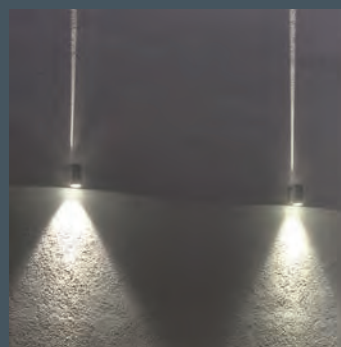
Lamp wattage	Max. no. of modules (per group)	Operating current per module in A
14 W	28	0.08
21 W	28	0.11
28 W	26	0.15
35 W	23	0.17
49 W	16	0.24
54 W	14	0.27
80 W	10	0.39

*figures are valid for use with a Type B 16 Amp circuit breaker



The Twin EL series has two reflectors and an adjustable lampholder making it possible to have inversely proportional light distribution up and down. Alternatively these luminaires can be supplied with a single reflector and a lense system for creating light band effects.

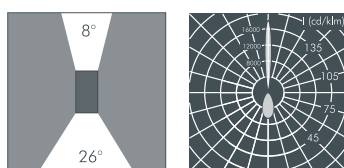
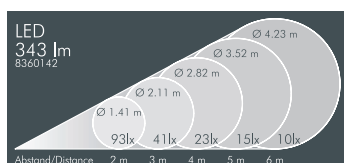
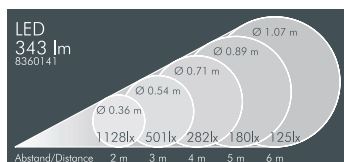
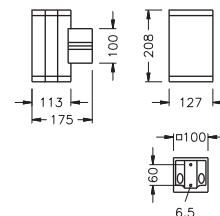
Sharp-edged light band effects (which may be coloured if required) created by the lense system (only for Twin EL C, the brightness depends on the reflective characteristics of the façade).



Twin EL makes various lighting effects possible: depending on the texture and the reflection characteristics of the façade, either luminaires with a double reflector or those with a pencil beam on the upper side can be used. The appearance of a building at night can be substantially enhanced by using these products.

Twin EL A - LED

With high performance LEDs
 protection class I, IP44 
 die cast aluminium housing, polyester powder
 coated, all exterior steel parts are stainless steel,
 tempered safety glasses, silicon gasket,
 closure with 4 stainless steel screws, wall box:
 2 drilled holes Ø 6.5 mm, spacing 60 mm,
 2 cable entries up to Ø 12 mm, for recessed
 or surface mounted cable, for vertical installation
 only, integral converter



Twin EL A - LED, narrow beam

Part number*	Colour	Light source	Weight	Optics	Half beam angle γ	
8 360 141 009	black	6 x LED 3 W warm white	2.3 kg	narrow beam up	up	down
8 360 161 009	white			narrow beam down	8°	8°
8 360 151 009	silver grey					

*These luminaires are also available with neutral white LEDs upon request.

Twin EL A - LED, narrow/wide beam

Part number*	Colour	Light source	Weight	Optics	Half beam angle γ	
8 360 142 009	black	6 x LED 3 W warm white	2.3 kg	narrow beam up	up	down
8 360 162 009	white			wide beam down	8°	26°
8 360 152 009	silver grey					

*These luminaires are also available with neutral white LEDs upon request.



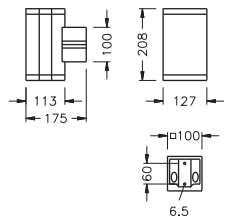
Accessories

Part number	Colour	Description
127 0 098 940	black	Corner fixing bracket , aluminium, polyester powder coated, for mounting floodlights on 90° corners
127 0 098 960	white	
127 0 098 950	silver grey	

Light source

LEDs, replacement modules available



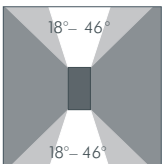
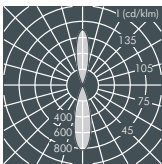
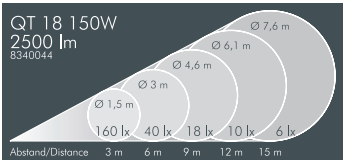


Twin EL A
For halogen lamps (QT 18)
protection class I, IP44
die cast aluminium housing, polyester powder coated, aluminium double reflector or single reflector with lense (adjustable lampholder), all exterior steel parts are stainless steel, tempered safety glasses, silicon gasket, closure with 4 stainless steel screws, wall box: 2 drilled holes Ø 6.5 mm, spacing 60 mm, 2 cable entries up to Ø 12 mm, for recessed or surface mounted cable, for vertical installation only, supplied without lamp

Twin EL A with double reflector

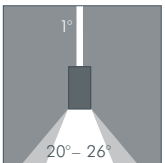
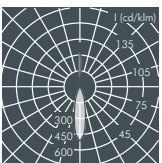
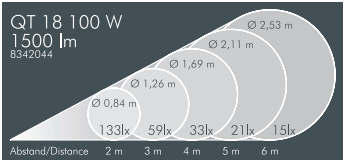
Part number*	Colour	Lamp	Lampholder	Weight	Optics	Half beam angle γ	
						Reflector	Lense
8 340 044 009	black	QT 18 max. 150 W	B15d	2.0 kg	double reflector	18° – 46°	–
8 340 064 009	white						
8 340 054 009	silver grey						

* Also available as up or downlight only, max. 100 W.



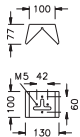
Twin EL A with lense and reflector

Part number	Colour	Lamp	Lampholder	Weight	Optics	Half beam angle γ	
						Reflector	Lense
8 342 044 009	black	QT 18 max. 100 W	B15d	2.1 kg	lense up, reflector down	20° – 26°	1°
8 342 064 009	white	Osram Type 64475					
8 342 054 009	silver grey	Radium Typ 223 16916					



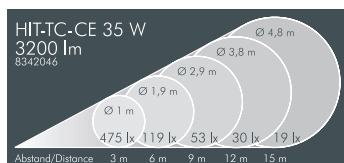
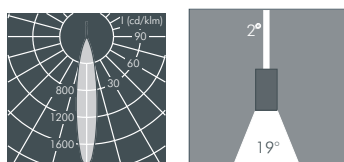
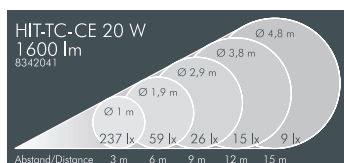
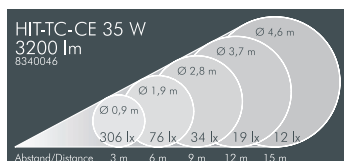
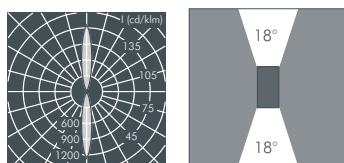
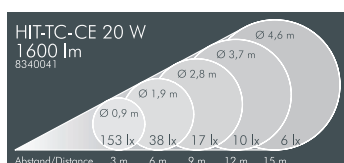
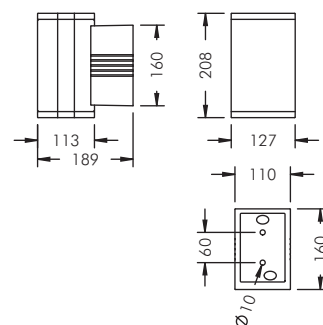
Accessories

Part number	Colour	Description
127 0 098 940	black	Corner fixing bracket , aluminium, polyester powder coated, for mounting floodlights on 90° corners
127 0 098 960	white	
127 0 098 950	silver grey	



Twin EL A - HIT

For ceramic metal halide lamps (HIT-TC-CE)
protection class I, IP44 
die cast aluminium housing, polyester powder
coated, aluminium double reflector (adjustable
lampholder), or single reflector and lense, all exterior
steel parts are stainless steel, tempered safety
glass, silicon gaskets, closure by 4 stainless steel
screws, wall box: 2 drilled holes Ø 10mm, spacing
60 mm, 2 cable entries for cable up to Ø 12 mm,
recessed or surface mounted cable, integral electronic
ballast, for vertical installation only, supplied without
lamp



Twin EL A - HIT 20 W with double reflector

Part number	Colour	Lamp	Lampholder	Weight	Optics	Half beam angle γ	
8 340 041 009	black	Phillips CDM-Tm 20 W	PGJ5	2.7 kg	double reflector	Reflector	Lenze
8 340 061 009	white					18°	—
8 340 051 009	silver grey						

Twin EL A - HIT 20 W with double reflector

Part number	Colour	Lamp	lampholder	Weight	Optics	Half beam angle γ	
8 340 042 009	black	General Electric	GU6.5	2.7 kg	double reflector	Reflector	Lense
8 340 062 009	white	CMH 20 W/				18°	–
8 340 052 009	silver grey	Osram HCI-TF 20 W					

Twin EL A - HIT 35 W with double reflector

Part number*	Colour	Lamp	Lampholder	Weight	Optics	Half beam angle γ	
8 340 046 009	black	Phillips CDM-Tm 35 W	PGJ5	2.7 kg	double reflector	Reflector	Lense
8 340 066 009	white					18°	–
8 340 056 009	silver grey						

*Also available for GE/Osram 35 W, GU6,5 lamp

Twin EL A - HIT 20 W with lense and reflector

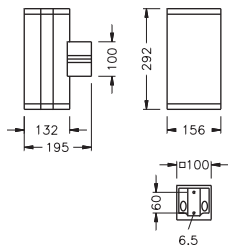
[illegible]**Twin EL A - HIT 20 W with lense and reflector**

Part number	Colour	Lamp	Lampholder	Weight	Optics	Half beam angle γ	
						Reflector	Lense
8 342 042 009	black	General Electric	GU6.5	2.8 kg	lense up, reflector down	19°	2°
8 342 062 009	white	CMH 20 W/					
8 342 052 009	silver arev	Osram HCI-TF 20 W					

Twin EL A - HIT 35 W with lense and reflector

[illegible]

*Also available for GE/Osram 35 W, GU6,5 lamp



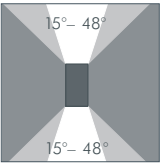
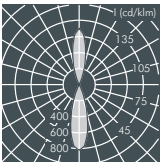
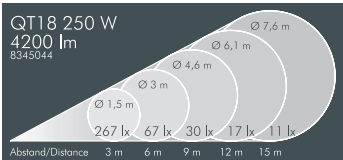
Twin EL B

For halogen lamps (QT 18)
protection class I, IP44 ⚠️ ⚡️ ⚠️
die cast aluminium housing, polyester powder coated, aluminium double reflector or single reflector with lense (adjustable lampholder), all exterior steel parts are stainless steel, tempered safety glasses, silicon gasket, closure with 4 stainless steel screws, wall box: 2 drilled holes Ø 6.5 mm, spacing 60 mm, 2 cable entries up to Ø 12 mm, for recessed or surface mounted cable, for vertical installation only, supplied without lamp

Twin EL B with double reflector

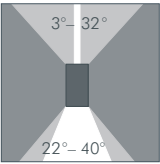
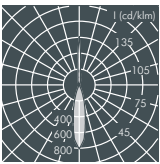
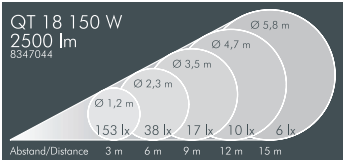
Part number*	Colour	Lamp	Lampholder	Weight	Optics	Half beam angle γ	
						Reflector	Lense
8 345 044 009	black	QT 18 250 W	B15d	3.1 kg	double reflector	15° – 48°	–
8 345 064 009	white						
8 345 054 009	silver grey						

* Also available as up or downlight only, max. 150 W



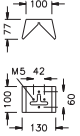
Twin EL B with lense and reflector

Part number	Colour	Lamp	Lampholder	Weight	Optics	Half beam angle γ	
						Reflector	Lense
8 347 044 009	black	QT 18 150 W	B15d	3.1 kg	lense up, reflector down	22° – 40°	3° – 32°
8 347 064 009	white	Osram type 64477					
8 347 054 009	silver grey	Radium type 223 13810					



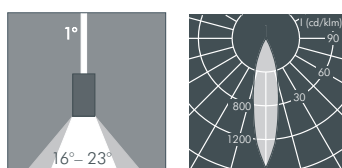
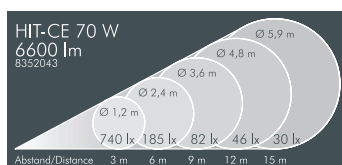
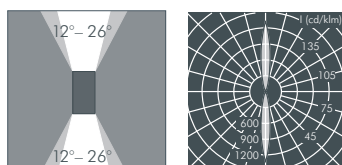
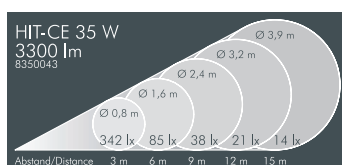
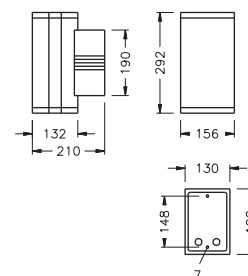
Accessories

Part number	Colour	Description
127 0 098 940	black	Corner fixing bracket , aluminium, polyester powder coated, for mounting floodlights on 90° corners
127 0 098 960	white	
127 0 098 950	silver grey	



Twin EL C

For ceramic metal halide lamps (HIT-CE)
 protection class I, IP44 
 die cast aluminium housing, polyester powder
 coated, aluminium double reflector (adjustable
 lampholder) or single reflector with lense
 (adjustable), all exterior steel parts are stainless
 steel, tempered safety glasses, silicon gasket,
 closure with 4 stainless steel screws, wall box: 2
 drilled holes Ø 7 mm, spacing 148 mm, 2 cable
 entries up to Ø 12 mm, for recessed or surface
 mounted cable, for vertical installation only, integral
 LPF ballast and ignitor, HPM available on request
 (see page 362), supplied without lamp



Twin EL C with double reflector

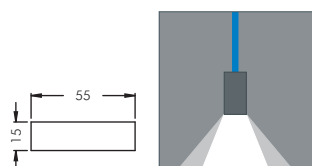
Part number*	Colour	Lamp	Lampholder	Weight	Optics	Half beam angle γ	
						Reflector	Lense
8 350 043 009	black	HIT-CE 35 W	G12	4.8 kg	double reflector	12° – 26°	–
8 350 063 009	white						
8 350 053 009	silver grey						
8 355 045 009	black	HIT-CE 70 W	G12	5.1 kg	double reflector	12° – 26°	–
8 355 065 009	white						
8 355 055 009	silver grey						

*Also available as up or downlight only.

Twin EL C with lense and reflector

Part number*	Colour	Lamp	Lampholder	Weight	Optics	Half beam angle γ	
						Reflector	Lense
8 352 043 009	black	HIT-CE 35 W	G12	4.8 kg	lense up, reflector down	16° – 23°	1°
8 352 063 009	white						
8 352 053 009	silver grey						
8 357 045 009	black	HIT-CE 70 W	G12	5.1 kg	lense up, reflector down	16° – 23°	1°
8 357 065 009	white						
8 357 055 009	silver grey						

*Also available as up or downlight only.



Accessories (only for Twin EL C)

Part number	Colour	Description
123 0 201 910	yellow	Colour filter, to create coloured light band effects, for retro-fitting
123 0 201 970	red	
123 0 201 930	blue	
123 0 201 980	green	

Lamps (see page 364–365)

HIT-CE



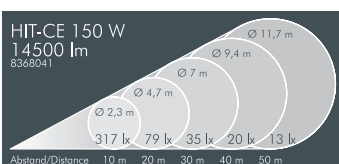
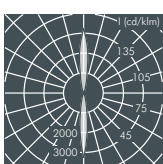
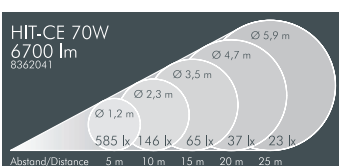
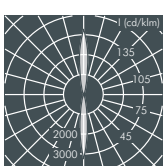
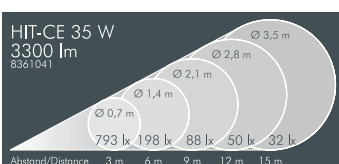
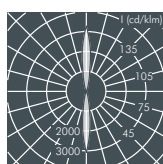
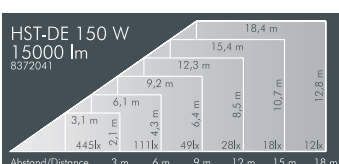
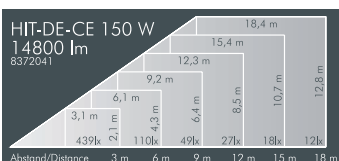
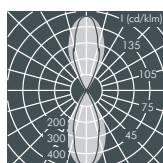
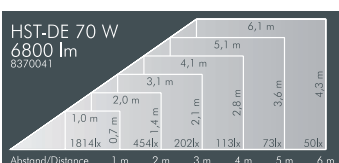
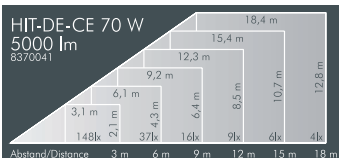
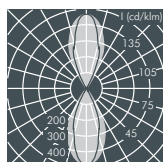
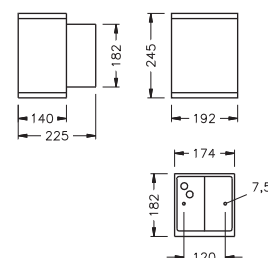
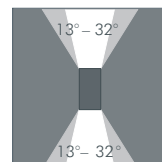
The light from the lamp which is situated between two reflectors, is projected up and down. Axially symmetrical or rotationally symmetrical reflectors are available; the beam spread is adjustable.

The design of housing suits façades with rectangular features particularly well.



Superlight Twin

For ceramic metal halide lamps (HIT-DE-CE/HIT-CE) and high pressure sodium lamps (HST-DE) protection class I, IP44  cast aluminium housing, polyester powder coated, aluminium double reflector, half beam angle adjustable, all exterior steel parts are stainless steel, tempered safety glasses, silicon gasket, closure with 4 stainless steel screws, wall box: 2 drilled holes Ø 7.5 mm, spacing 120 mm, 2 cable entries max. Ø 12 mm recessed cable, for vertical installation only, integral LPF ballast and ignitor, HPF available on request (see page 362), supplied without lamp



Superlight Twin with double reflector, axially symmetrical

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 370 041 009	black	HIT-DE-CE 70 W	Rx7s	6.3 kg	C 0 – 180	C 90 – 270
8 370 061 009	white	HST-DE 70 W			32 – 55°	45 – 60°
8 370 051 009	silver grey					

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 372 041 009	black	HIT-DE-CE 150 W	Rx7s	6.8 kg	C 0 – 180	C 90 – 270
8 372 061 009	white	HST-DE 150 W			32 – 55°	45 – 60°
8 372 051 009	silver grey					

Superlight Twin with double reflector, rotationally symmetrical

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 361 041 009	black	HIT-CE 35 W	G12	6.0 kg	13 – 32°	
8 361 061 009	white					
8 361 051 009	silver grey					

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 362 041 009	black	HIT-CE 70 W	G12	6.3 kg	13 – 32°	
8 362 061 009	white					
8 362 051 009	silver grey					

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 368 041 009	black	HIT-CE 150 W	G12	6.8 kg	13 – 32°	
8 368 061 009	white					
8 368 051 009	silver grey					

Lamps (see page 364–365)

HIT-DE-CE

HST-DE

HIT-CE

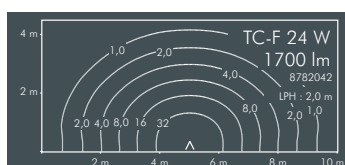
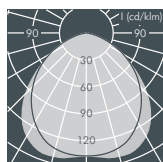
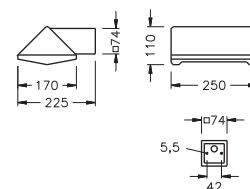


The Prismat series is designed for the TC-F lamp. This particularly compact lamp made it possible to reduce the dimensions of the light fitting. Prismat luminaires are suitable for the illumination of façades, entrances and signs.



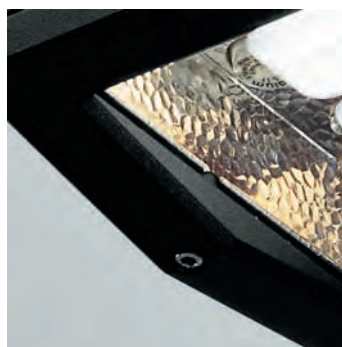
Prismat H

For compact fluorescent lamps (TC-F)
 protection class I, IP54 
 die cast aluminium housing, polyester powder
 coated, axially symmetrical high gloss aluminium
 reflector, all exterior steel parts stainless steel,
 tempered safety glass, silicon gasket, closure with
 2 stainless steel screws, wall box: 2 drilled holes
 $\varnothing$ 5.5 mm, spacing 42 mm, cable entry up to
 $\varnothing$ 10 mm, recessed or surface mounted cable,
 integral starter and LPF ballast,
 supplied without lamp



Prismat H, vertical light output

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 782 042 009	black	1 x TC-F 24 W	2G10	2.6 kg	C 0 – 180	C 90 – 270
8 782 062 009	white				104°	103°
8 782 052 009	silver grey					

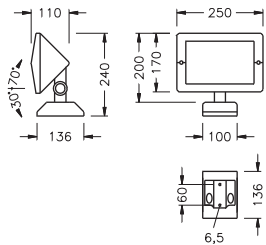


The exceptional quality of the reflector
 surface guarantees optimal efficiency of
 the light fitting.



Precision die casting – a basic
 requirement for top quality housing
 design.



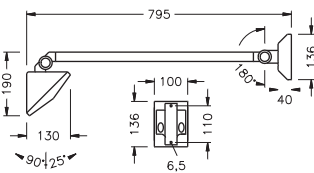
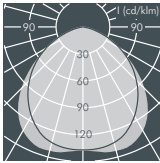
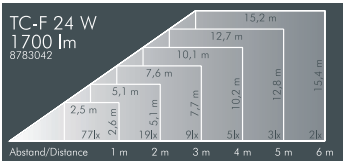


Prismat G with joint

For compact fluorescent lamps (TC-F)
protection class I, IP54
die cast aluminium housing, polyester powder coated, axially symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered prismatic safety glass, silicon gasket, closure with 2 stainless steel screws, wall box: 2 drilled holes Ø 6.5 mm, spacing 60 mm, cable entry Ø 7–10 mm, recessed or surface mounted, knuckle joint adjustable 100°, integral starter and LPF ballast, supplied without lamp

Prismat G with joint

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 783 042 009	black	1 x TC-F 24 W	2G10	2.8 kg	C 0 – 180	C 90 – 270
8 783 062 009	white				97°	98°
8 783 052 009	silver grey					

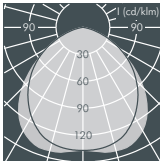
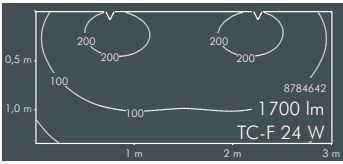


Prismat A with wall arm

For compact fluorescent lamps (TC-F)
protection class I, IP54
die cast aluminium housing, polyester powder coated, axially symmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 2 stainless steel screws, wall box: 2 drilled holes Ø 6.5 mm, spacing 110 mm, entry for recessed or surface mounted cable Ø 7–10 mm, knuckle joint with tilt range 115°, wall arm with tilt range 180°, integral starter and LPF ballast, supplied without lamp

Prismat A with wall arm

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 784 642 009	black	1 x TC-F 24 W	2G10	3.1 kg	C 0 – 180	C 90 – 270
8 784 662 009	white				104°	103°
8 784 652 009	silver grey					



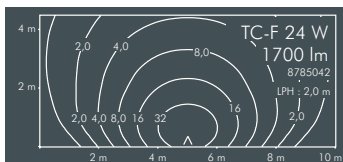
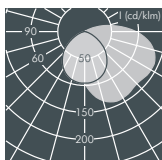
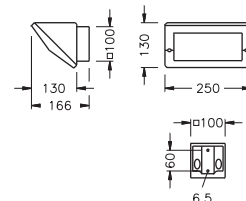
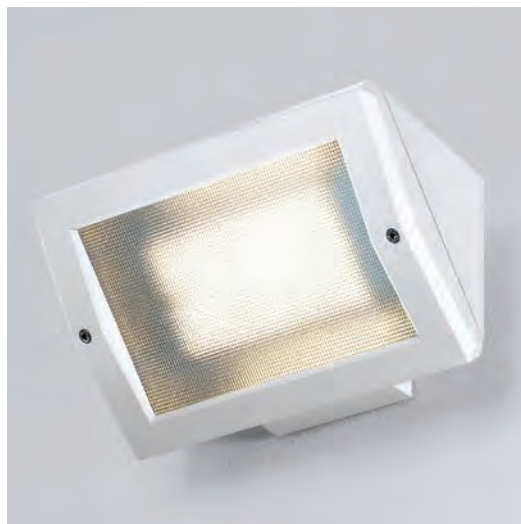
Lamps (see page 364–365)

TC-F



Prismat S

For compact fluorescent lamps (TC-F)
 protection class I, IP54  
 die cast aluminium housing, polyester powder
 coated, axially symmetrical high gloss aluminium
 reflector, all exterior steel parts are stainless steel,
 tempered prismatic safety glass, silicon gasket,
 closure with 2 stainless steel screws, wall box:
 2 drilled holes Ø 6.5 mm, spacing 60 mm, cable
 entry Ø 7–10 mm, recessed or surface mounted,
 integral starter and LPF ballast,
 supplied without lamp



Prismat S, light output at 45°

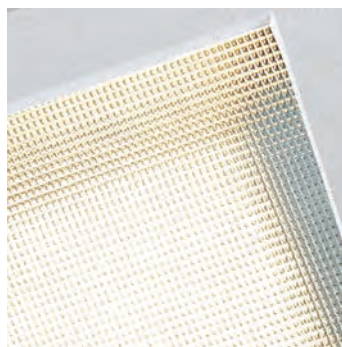
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 785 042 009	black	1 x TC-F 24 W	2G10	2.5 kg	C 0 – 180	C 90 – 270
8 785 062 009	white				97°	98°
8 785 052 009	silver grey					



Accessories

Part number	Colour	Description
127 0 098 940	black	Corner fixing bracket , aluminium, polyester powder coated, for mounting floodlights on 90° corners
127 0 098 960	white	
127 0 098 950	silver grey	

The prismatic glass
 diffuses the light
 and reduces glare.

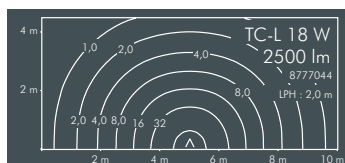
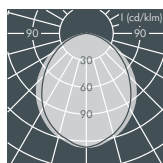
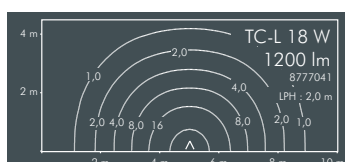
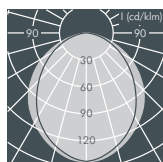
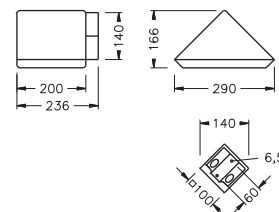




The Variant range of wall luminaires is suitable for the illumination of vertical surfaces and the adjacent floor or ground area. Depending on the model, the light is projected either parallel to the wall or forward throw at 45 °. There are models for compact fluorescent and incandescent lamps.

Variant A

For compact fluorescent lamps (TC-L)
 protection class I, IP54  
 die cast aluminium housing, polyester powder
 coated, all exterior steel parts are stainless steel,
 tempered prismatic safety glass, silicon gasket,
 closure with 4 stainless steel screws, wall box:
 2 drilled holes Ø 6.5 mm, spacing 60 mm, cable
 entry Ø 7–10 mm, recessed or surface mounted,
 integral starter and LPF ballast, HPF available on
 request (see page 362), supplied without lamp

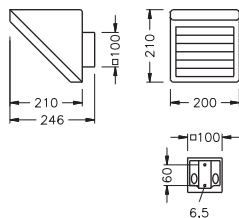


Variant A

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 777 041 009	black	1 x TC-L 18 W	2G11	3.1 kg	C 0 – 180	C 90 – 270
8 777 061 009	white				107°	93°
8 777 051 009	silver grey					

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 777 044 009	black	2 x TC-L 18 W	2G11	3.2 kg	C 0 – 180	C 90 – 270
8 777 064 009	white				103°	93°
8 777 054 009	silver grey					

* Can also be supplied with electronic ballast.



Variant B

For compact fluorescent lamps (TC-L) and incandescent lamps (A) protection class I, IP54   die cast aluminium housing, polyester powder coated, all exterior steel parts are stainless steel, tempered prismatic safety glass, silicon gasket, closure with 4 stainless steel screws, wall box: 2 drilled holes Ø 6.5 mm, spacing 60 mm, cable entry Ø 7-10 mm, recessed or surface mounted, integral starter and LPF ballast where required, HPF available on request (see page 362), supplied without lamp

Variant B

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 778 041 009	black	1 x TC-L 18 W	2G11	3.1 kg	C 0 - 180	C 90 - 270
8 778 061 009	white				90°	98°
8 778 051 009	silver grey					

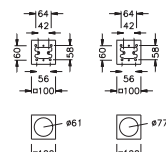
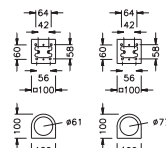
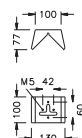
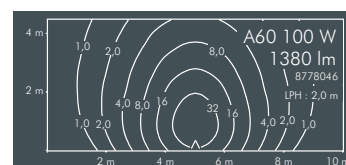
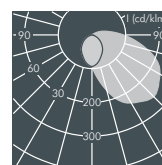
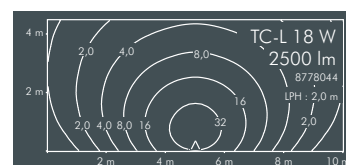
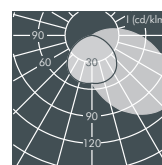
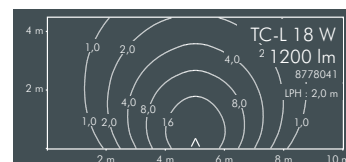
Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 778 044 009	black	2 x TC-L 18 W	2G11	3.2 kg	C 0 - 180	C 90 - 270
8 778 064 009	white				88°	112°
8 778 054 009	silver grey					

*Can also be supplied with electronic ballast.

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 778 046 009	black	1 x A60 100 W	E27	2.4 kg	C 0 - 180	C 90 - 270
8 778 066 009	white				82°	83°
8 778 056 009	silver grey					

Accessories

Part number	Colour	Description
127 0 098 940	black	Corner fixing bracket , aluminium, polyester powder coated, for mounting floodlights on 90° corners
127 0 098 960	white	
127 0 098 950	silver grey	
127 0 181 940	black	Pole top fitter for pole Ø 60 mm , for one luminaire, aluminium, polyester powder coated
127 0 181 960	white	
127 0 181 950	silver grey	
127 0 081 940	black	Pole top fitter for pole Ø 76 mm , for one luminaire, aluminium, polyester powder coated
127 0 081 960	white	
127 0 081 950	silver grey	
127 0 182 940	black	Pole top fitter for pole Ø 60 mm , for two luminaires, aluminium, polyester powder coated
127 0 182 960	white	
127 0 182 950	silver grey	
127 0 082 940	black	Pole top fitter for pole Ø 76 mm , for two luminaires, aluminium, polyester powder coated
127 0 082 960	white	
127 0 082 950	silver grey	



Lamps (see page 364-365)

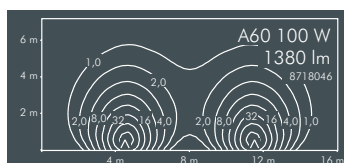
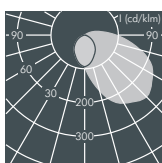
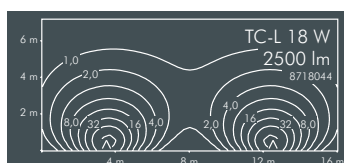
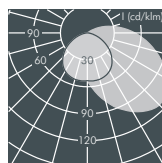
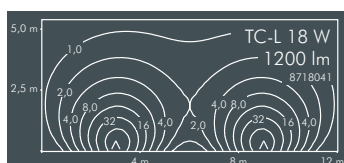
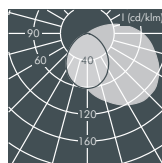
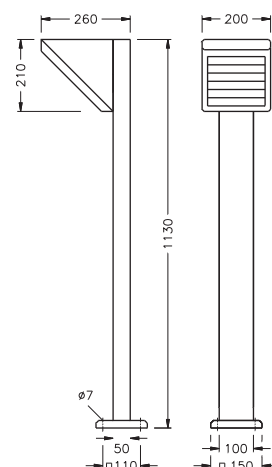
TC-L

A60



Variant W/B

For compact fluorescent lamps (TC-L)
and incandescent lamps (A)
protection class I, IP43 
(light head IP54)   
die cast aluminium housing, extruded aluminium
column, cast aluminium base plate, polyester
powder coated, all exterior steel parts are stainless
steel, tempered prismatic safety glass, silicon
gasket, closure with 4 stainless steel screws, integral
starter and LPF ballast where required, HPF
available on request (see page 362),
supplied without lamp



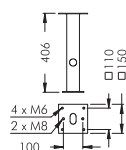
Variant W/B

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 718 041 009	black	1 x TC-L 18 W	2G11	6.2 kg	C 0 – 180	C 90 – 270
8 718 061 009	white				90°	98°
8 718 051 009	silver grey					

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 718 044 009	black	2 x TC-L 18 W	2G11	6.3 kg	C 0 – 180	C 90 – 270
8 718 064 009	white				88°	112°
8 718 054 009	silver grey					

* Can also be supplied with electronic ballast.

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 718 046 009	black	1 x A60 100 W	E27	5.5 kg	C 0 – 180	C 90 – 270
8 718 066 009	white				82°	83°
8 718 056 009	silver grey					



Accessories

Part number	Colour	Description
128 0 346 000	unpainted	Ground extension , hot dipped galvanized steel, to be buried in the ground for extra stability

Lamps (see page 364–365)

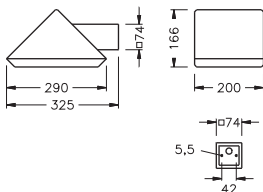
TC-L

A60



Variant W/B

349



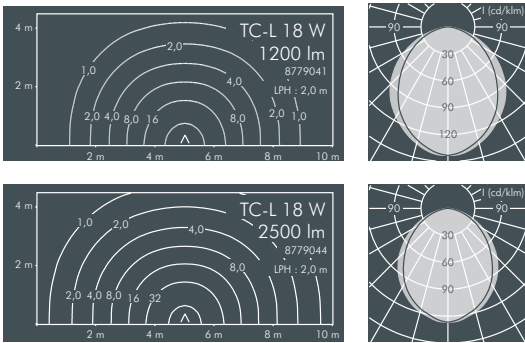
Variant C

For compact fluorescent lamps (TC-L)
protection class I, IP54   
die cast aluminium housing, polyester powder
coated, all exterior steel parts are stainless steel,
tempered prismatic safety glass, silicon gasket,
closure with 4 stainless steel screws, wall box:
2 drilled holes Ø 5.5 mm, spacing 42 mm, cable
entry Ø 7–10 mm, recessed or surface mounted,
integral starter and LPF ballast, HPF available on
request (see page 362), supplied without lamp

Variant C

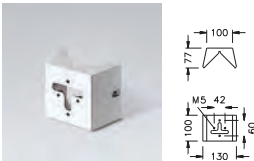
Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 779 041 009	black	1 x TC-L 18 W	2G11	3.3 kg	C 0 – 180	C 90 – 270
8 779 061 009	white				93°	107°
8 779 051 009	silver grey					
Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 779 044 009	black	2 x TC-L 18 W	2G11	3.4 kg	C 0 – 180	C 90 – 270
8 779 064 009	white				93°	103°
8 779 054 009	silver grey					

*Can also be supplied with electronic ballast.



Accessories

Part number	Colour	Description
127 0 098 940	schwarz	Corner fixing bracket , aluminium, polyester powder coated, for mounting floodlights on 90° corners
127 0 098 960	weiß	
127 0 098 950	silbergrau	

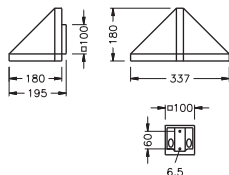




Facette wall luminaires in 3 sizes are available for compact fluorescent, incandescent or high pressure discharge lamps. Uniform illumination of façades and adjacent ground areas is possible from various different mounting heights.



Facette B and C with more powerful lamps can also be used for pole mounting.



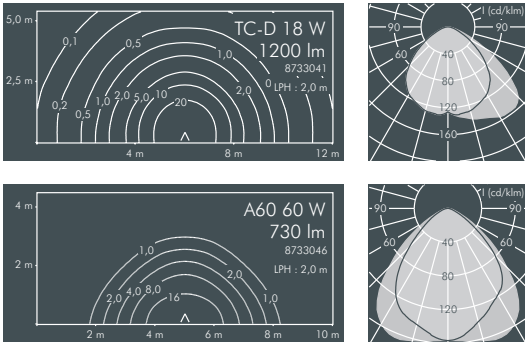
Facette A

For compact fluorescent lamps (TC-D) and incandescent lamps (A)
protection class I, IP54
die cast aluminium housing, polyester powder coated, all exterior steel parts are stainless steel, tempered prismatic safety glass, silicon gasket, closure with 3 stainless steel screws, wall box: 2 drilled holes Ø 6.5 mm, spacing 60 mm, cable entry Ø 7-10 mm, recessed or surface mounted, integral starter and LPF ballast where required, supplied without lamp

Facette A

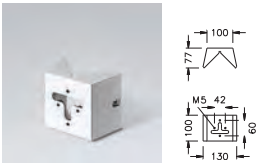
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 733 041 009	black	1 x TC-D 18 W	G24d-2	2.2 kg	C 0 – 180	C 90 – 270
8 733 061 009	white				94°	100°
8 733 051 009	silver grey					

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 733 046 009	black	1 x A60 60 W	E27	1.9 kg	C 0 – 180	C 90 – 270
8 733 066 009	white				87°	97°
8 733 056 009	silver grey					



Accessories

Part number	Colour	Description
127 0 098 940	black	Corner fixing bracket , aluminium, polyester powder coated, for mounting floodlights on 90° corners
127 0 098 960	white	
127 0 098 950	silver grey	



Facette W

For compact fluorescent lamps (TC-L)

and incandescent lamps (A)

protection class I, IP43

(light head IP54)

die cast aluminium housing, extruded aluminium

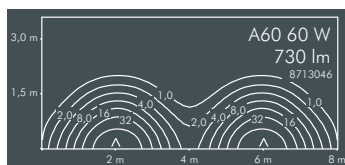
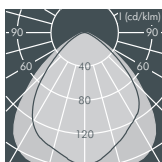
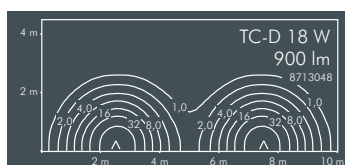
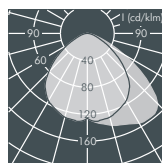
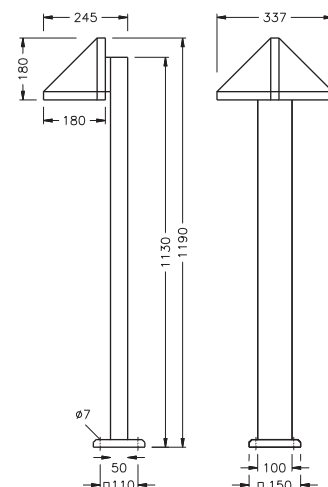
column, cast aluminium base plate, polyester

powder coated, all exterior steel parts are stainless

steel, tempered prismatic safety glass, silicon

gasket, closure with 3 stainless steel screws, integral

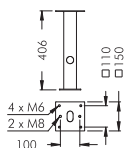
LPF ballast where required, supplied without lamp



Facette W

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 713 041 009	black	1 x TC-D 18 W	G24d-2	7.0 kg	C 0 – 180	C 90 – 270
8 713 061 009	white				94°	100°
8 713 051 009	silver grey					

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 713 046 009	black	1 x A60 60 W	E27	7.0 kg	C 0 – 180	C 90 – 270
8 713 066 009	white				87°	97°
8 713 056 009	silver grey					



Accessories

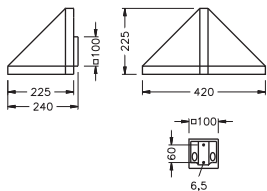
Part number	Colour	Description
128 0 346 000	unpainted	Ground extension , hot dipped galvanized steel, to be buried in the ground for extra stability

Lamps (see page 364–365)

TC-D

A60





Facette B

For compact fluorescent lamps (TC-L), metal halide lamps (HIT-DE), ceramic metal halide lamps (HIT-DE-CE), high pressure sodium lamps (HST-DE), high pressure mercury lamps (HME) and incandescent lamps (A) protection class I, IP54     die cast aluminium housing, polyester powder coated, all exterior steel parts are stainless steel, tempered prismatic safety glass, silicon gasket, closure with 3 stainless steel screws, wall box: 2 drilled holes Ø 6.5 mm, spacing 60 mm, cable entry Ø 7-10 mm, recessed or surface mounted, integral starter and LPF ballast where required, HPF available on request (see page 362), except for HME, supplied without lamp

Facette B						
Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 734 041 009	black	1 x TC-L 18 W	2G11	3.5 kg	C 0 – 180	C 90 – 270
8 734 061 009	white				95°	97°
8 734 051 009	silver grey					

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 734 042 009	black	1 x HIT-DE,	Rx7s	4.4 kg	83°	85°
8 734 062 009	white	HIT-DE-CE or				
8 734 052 009	silver grey	HST-DE 70 W				

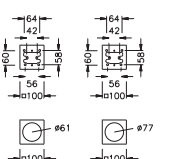
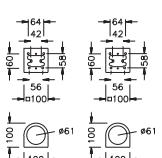
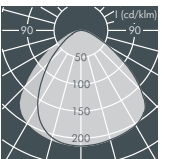
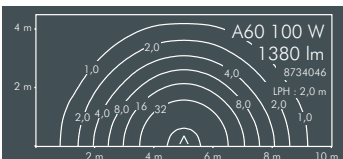
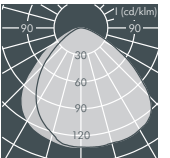
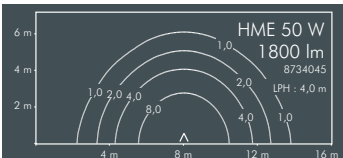
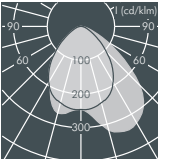
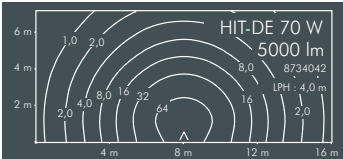
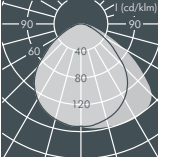
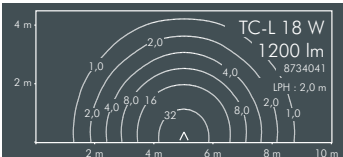
Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 734 045 009	black	1 x HME 50 W	E27	3.8 kg	97°	100°
8 734 065 009	white					
8 734 055 009	silver grey					

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 734 046 009	black	1 x A60 100 W	E27	2.9 kg	92°	103°
8 734 066 009	white					
8 734 056 009	silver grey					

*Can also be supplied with electronic ballast.

Accessories

Part number	Colour	Description
127 0 098 940	black	Corner fixing bracket , aluminium, polyester powder coated, for mounting floodlights on 90° corners
127 0 098 960	white	
127 0 098 950	silver grey	
127 0 181 940	black	Pole top fitter for pole Ø 60 mm , for one luminaire, aluminium, polyester powder coated
127 0 181 960	white	
127 0 181 950	silver grey	
127 0 081 940	black	Pole top fitter for pole Ø 76 mm , for one luminaire, aluminium, polyester powder coated
127 0 081 960	white	
127 0 081 950	silver grey	
127 0 182 940	black	Pole top fitter for pole Ø 60 mm , for two luminaires, aluminium, polyester powder coated
127 0 182 960	white	
127 0 182 950	silver grey	
127 0 082 940	black	Pole top fitter for pole Ø 76 mm , for two luminaires, aluminium, polyester powder coated
127 0 082 960	white	
127 0 082 950	silver grey	



Lamps (see page 364 – 365)

TC-L



HIT-DE



HIT-DE-CE



HST-DE



HME

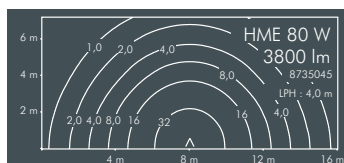
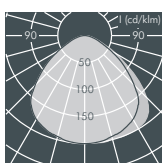
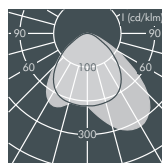
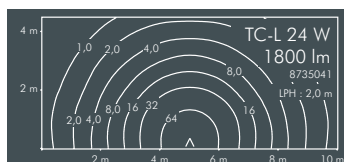
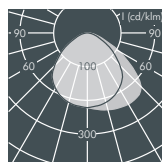
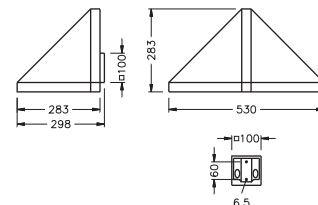


A60



Facette C

For compact fluorescent lamps (TC-L), metal halide lamps (HIT-DE), ceramic metal halide lamps (HIT-DE-CE), high pressure sodium lamps (HST-DE) and high pressure mercury lamps (HME) protection class I, IP54   die cast aluminium housing, polyester powder coated, all exterior steel parts are stainless steel, tempered prismatic safety glass, silicon gasket, closure with 3 stainless steel screws, wall box: 2 drilled holes Ø 6.5 mm, spacing 60 mm, cable entry Ø 7-10 mm, recessed or surface mounted, integral starter, ignitor and LPF ballast where required, HPF available on request (see page 362), supplied without lamp



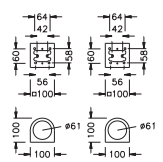
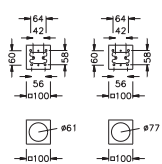
Facette C

Part number*	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 735 041 009	black	1 x TC-L 24 W	2G11	5.1 kg	C 0 – 180	C 90 – 270
8 735 061 009	white				97°	100°
8 735 051 009	silver grey					

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 735 042 009	black	1 x HIT-DE, HIT-DE-CE or HST-DE 150 W	Rx7s	6.8 kg	C 0 – 180	C 90 – 270
8 735 062 009	white				96°	98°
8 735 052 009	silver grey					

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 735 045 009	black	1 x HME 80 W	E27	5.7 kg	C 0 – 180	C 90 – 270
8 735 065 009	white				100°	101°
8 735 055 009	silver grey					

* Can also be supplied with electronic ballast.



Accessories

Part number	Colour	Description
127 0 098 940	black	Corner fixing bracket , aluminium, polyester powder coated, for mounting floodlights on 90° corners
127 0 098 960	white	
127 0 098 950	silver grey	
127 0 181 940	black	Pole top fitter for pole Ø 60 mm , for one luminaire, aluminium, polyester powder coated
127 0 181 960	white	
127 0 181 950	silver grey	
127 0 081 940	black	Pole top fitter for pole Ø 76 mm , for one luminaire, aluminium, polyester powder coated
127 0 081 960	white	
127 0 081 950	silver grey	
127 0 182 940	black	Pole top fitter for pole Ø 60 mm , for two luminaires, aluminium, polyester powder coated
127 0 182 960	white	
127 0 182 950	silver grey	
127 0 082 940	black	Pole top fitter for pole Ø 76 mm , for two luminaires, aluminium, polyester powder coated
127 0 082 960	white	
127 0 082 950	silver grey	

Lamps (see page 364–365)

TC-L



HIT-DE



HIT-DE-CE



HST-DE



HME





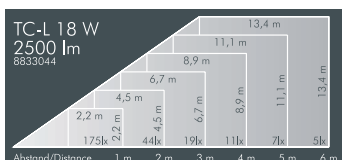
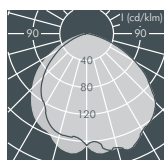
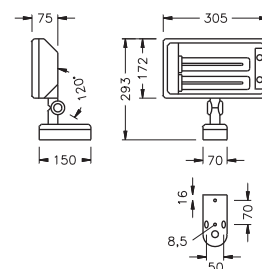
Superlight 18 W and Superlight 24 W are well established products offering both economical and uniform illumination of entrances, façades and canopies. The robust knuckle joints allow for flexible orientation of the fixtures.

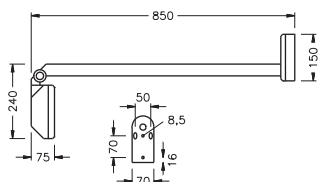


The versions with wall arm are useful products for sign lighting.

Superlight 18 W with wall box and joint

For compact fluorescent lamps (TC-L)
protection class I, IP54 
die cast aluminium housing, polyester powder
coated, asymmetrical high gloss aluminium
reflector, all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket, closure with
4 stainless steel screws, wall box: 2 drilled holes
Ø 8.5 mm, spacing 70 mm, knuckle joint adjusta-
ble 120°, cable entry: recessed or surface moun-
ted cable, cable entry up to Ø 10 mm, integral
starter and LPF ballast, HPF available on request,
supplied without lamp



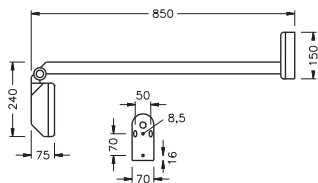
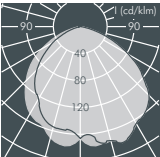
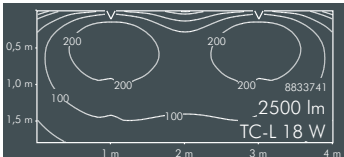


Superlight 18 W with wall arm and one joint

For compact fluorescent lamps (TC-L)
protection class I, IP54   
die cast aluminium housing, polyester powder coated, asymmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, wall box: 2 drilled holes Ø 8.5 mm, spacing 70 mm, aluminium wall arm overall length 0.75 m, recessed or surface mounted cable, cable entry up to Ø 10 mm, integral ignitor and LPF ballast, HPF available on request (see page 362), supplied without lamp

Superlight 18 W with wall arm and one joint

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 833 741 009	black	2 x TC-L 18 W	2G11	3.7 kg	C 0 – 180	C 90 – 270
8 833 761 009	white				103°	107°
8 833 751 009	silver grey					



Superlight LED with wall arm and one joint

With 18 x 1.5 high performance LEDs,
integral temperature monitoring device,
protection class I, IP54  
die cast aluminium housing, polyester powder coated, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, wall box: 2 drilled holes Ø 8.5 mm, spacing 70 mm, aluminium wall arm overall length 0.75 m, recessed or surface mounted cable, cable entry up to Ø 10 mm, integral converter

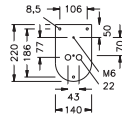
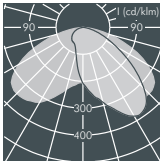
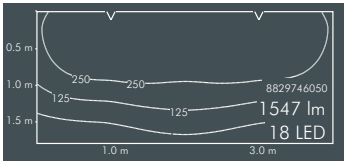
Superlight LED with wall arm and one joint

Part number*	Colour	Light source	Weight	Half beam angle γ	
8 829 746 059	black	18 x LED 1.5 W warm white	3.5 kg	C 0 – 180	C 90 – 270
8 829 766 059	white			57°	138°
8 829 756 059	silver grey				

*The luminaires are also available with neutral white LEDs upon request.

Accessories

Part number	Colour	Description
128 0 231 940	black	Wall plate A (U-shaped) , aluminium, polyester powder coated, for extra support on unstable surfaces
128 0 231 960	white	
128 0 231 950	silver grey	



Lamps, Light source (see page 364 – 365)

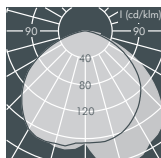
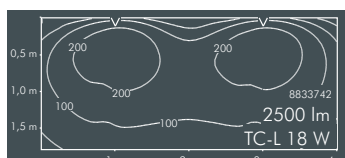
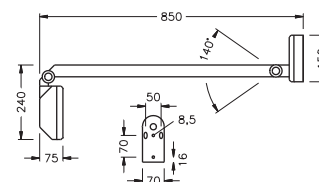
TC-L



LEDs, replacement modules available

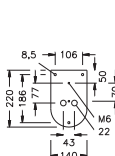
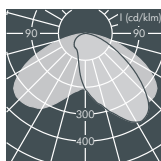
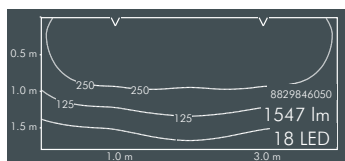
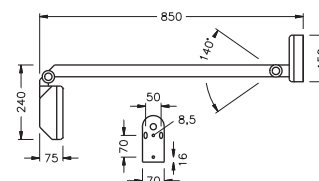


For compact fluorescent lamps (TC-L)
protection class I, IP54
die cast aluminium housing, polyester powder
coated, asymmetrical high gloss aluminium reflector,
all exterior steel parts are stainless steel, tempered
safety glass, silicon gasket, closure with 4 stainless
steel screws, wall box: 2 drilled holes Ø 8.5 mm,
spacing 70 mm, aluminium wall arm overall length
0.655 m adjustable 140°, recessed or surface
mounted cable, cable entry up to Ø 10 mm,
integral ignitor and LPF ballast, HPF available on
request (see page 362), supplied without lamp



Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
					C 0 – 180	C 90 – 270
8 833 742 009	black	2 x TC-L 18 W	2G11	3,7 kg	103°	107°
8 833 762 009	white					
8 833 752 009	silver grey					

With 18 x 1.5 high performance LEDs,
integral temperature monitoring device,
protection class I, IP54
die cast aluminium housing, polyester powder
coated, all exterior steel parts are stainless steel,
tempered safety glass, silicon gasket, closure with
4 stainless steel screws, wall box: 2 drilled holes
Ø 8.5 mm, spacing 70 mm, aluminium wall arm
overall length 0.655 m adjustable 140°, recessed
or surface mounted cable, cable entry up to
Ø 10 mm, integral converter

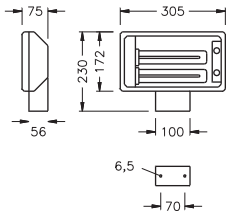


Part number*	Colour	Light source	Weight	Half beam γ	
				C 0 – 180	C 90 – 270
8 829 846 059	black	18 x LED 1.5 W warm white	3.5 kg	57°	138°
8 829 866 059	white				
8 829 856 059	silver grey				

Part number	Colour	Description
128 0 231 940	black	Wall plate A (U-shaped) , aluminium, polyester powder coated, for extra support on unstable surfaces
128 0 231 960	white	
128 0 231 950	silver grey	

LEDs, replacement modules available



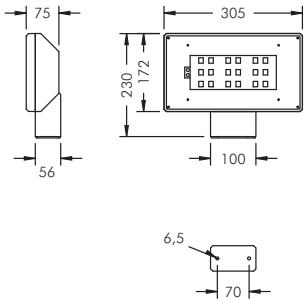
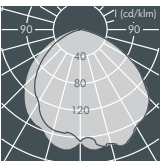
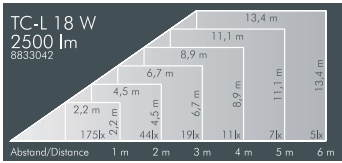


Superlight 18 W

For compact fluorescent lamps (TC-L)
protection class I, IP54
die cast aluminium housing, polyester powder coated, asymmetrical high gloss aluminium reflector, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, wall box: 2 drilled holes Ø 8.5 mm, spacing 70 mm, cable entry: recessed or surface mounted cable, cable entry up to Ø 10 mm, integral starter and LPF ballast, HPF available on request (see page 362), supplied without lamp

Superlight 18 W

Part number	Colour	Lamp	Lampholder	Weight	Half beam angle γ	
8 833 042 009	black	2 x TC-L 18 W	2G11	3.2 kg	C 0 – 180	C 90 – 270
8 833 062 009	white				103°	107°
8 833 052 009	silver grey					



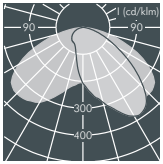
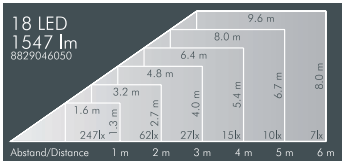
Superlight LED

with 18 x 1.5 high performance LEDs,
integral temperature monitoring device,
protection class I, IP54
die cast aluminium housing, polyester powder coated, all exterior steel parts are stainless steel, tempered safety glass, silicon gasket, closure with 4 stainless steel screws, wall box: 2 drilled holes Ø 8.5 mm, spacing 70 mm, cable entry: recessed or surface mounted cable, cable entry up to Ø 10 mm, integral converter

Superlight LED

Artikelnummer*	Colour	Light source	Weight	Half beam γ	
8 829 046 059	black	18 x LED 1.5 W warm white	3.0 kg	C 0 – 180	C 90 – 270
8 829 066 059	white			57°	138°
8 829 056 059	silver grey				

*The luminaires are also available with neutral white LEDs upon request.



Lamps, Light source (see page 364 – 365)



LEDs, replacement modules available



Power correction capacitors	
Reference number	For lamp
120 0 086 000	HIT 35 W HIT-TC-CE 35 W (Superl. Compact S, Ground-recessed up- lighters 8 600)
120 0 087 000	HME 50/80 W
120 0 088 000	HME 80/125 W
120 0 089 000	HIT-DE 70 W HIT 70 W HST-DE 70 W HSE 70 W HIE 100 W
120 0 090 000	HME 250 W
120 0 091 000	HIT-DE 150 W HIT 150 W HST-DE 150 W HST 150 W
120 0 092 000	HME 400 W
120 0 093 000	HIT-DE 250 W HIT 250 W HST 250 W
120 0 094 000	HIT/HIE 400 W ($< 3,6$ A) HST-DE 250 W
120 0 134 000	TC-L 24 W
120 0 135 000	2 x TC-L 24 W
120 0 207 000	TC-L 18 W 2 x TC-L 18 W
120 0 256 000	HIT/HIE 400 W ($> 4,0$ A) HST 400 W HIT-DE 400 W HST-DE 400 W
120 0 263 000	TC-L 18 W (Variant) 2 x TC-L 18 W (Variant)
120 0 420 000	3 x TC-L 18 W (Nightscape A)
120 0 421 000	4 x TC-L 18 W (Nightscape B)
120 0 426 000	TC-T 26 W
120 0 427 000	HIT-TC-CE 35 W (Ground-recessed up- lighters 8 601 / 8 602)

Protection classes – Protection against electric shock

To protect life, precaution must be taken to prevent shock caused by live parts on electrical appliances. Consequently each luminaire has to be properly insulated so that all danger caused by touching live parts is avoided. Special attention must be paid that all appliances are disconnected from power supply, should in any way the insulation become damaged.

Protection classes advise on the various ways of application.

Protection class	Symbol	Application example
I	 *	Feeder circuits with protection conductor
II		Feeder circuits without protective conductor (i.e. flats or living quarter in old buildings)
III		Portable lights for rugged working conditions such as hand lamps for boiler illumination

* Identification of protective conductor connection

Symbol	Application example
	Luminaires with integral ballast or transformer, suitable for mounting on normal inflammable surfaces

The "Safety Mark"

is the registered mark for tested safety according to the harmonized European regulations (LUM-agreement) and is recognized by 18 European certification authorities without renewed testing by those authorities.

Protection and Test Marks – Electro-technical Symbols

To ensure operating safety of luminaires they should be protected against humidity and the entering of solid bodies.

VDE 0710 shows Test and Classification marks, DIN 40050 applies to Protection Type and IP numbers.

Application Model	Protection	Test Mark VDE 0710	Classification VDE 0710	Protection Type DIN 40050
Dry rooms, little dust	Protection against solid bodies over Ø 12 mm	—	covered	IP20
Humid rooms, exterior or under canopy installations	Protection against vertical falling of drops of water		rainproof	IP23
Public rooms like offices, shops, banks etc.	Protection against solid bodies over Ø 1 mm	—	—	IP40
Humid locations, exterior or under canopy installations, door lighting	Protection against solid bodies over Ø 1 mm, splashes of water from all directions		rainproof	IP43
Street lighting. Baths and shower rooms etc.	Protection against solid bodies over Ø 1 mm, splashes of water from all directions		splawater-proof	IP44
Dusty environment, hazardous workplaces	Protection against layers of dust an access to live parts		dustproof	IP50
Humid environment in agricultural building	Protection against layers of dust and splawater from all directions		dust- and splawater-proof	IP54
Wet and humid locations such as car wash, greenhouses, breweries	Protection against layers of dust and jets of water from all directions		dust- and splawater-proof	IP55
Some locations as before, which are also subject to extra heavy dust development	Protection against dust (absolutely dust tight) and against jets of water from all directions		dusttight and jetwaterproof	IP65
Locations with temporary flooding, Waves, e.g. sea ports, areas with exceptionally high levels of dust	Protection against dust ingress, (completely sealed) and water jets from all sides		dusttight and protected against powerful water jets	IP66
Under water illumination such as fountains, swimming pools	Protection against dust and immersion	 1 m Ws	dusttight and watertight	IP67
Special applications under water	Protection against prolonged immersion under water (pressure)	> 1 m Ws	special arrangement	IP68

Thermal considerations

According to DIN EN 60598, luminaires are approved for a max. ambient temperature of $T_a = 25^\circ \text{C}$ unless they are marked otherwise.

This technical parameter must be taken into account when the luminaires featured in this catalogue are to be used for interior application.

Halogen Lamps – Q (Quartz)

Symbol	Type	Output [W]	Cap	Ref. No.	Osram	Radium	Philips	BLV	General Electric
	QT 18	100	B15d	230 1 511 000	64 475	RH 100 T	—	—	—
	QT 18	150	B15d	230 0 695 000	64 477	RH 150 T	12 118	—	—
	QT 18	150	B15d	230 1 391 000	64 471	RH 150 T/K	—	—	—
	QT 18	250	B15d	230 0 772 000	64 479	—	—	—	—
	QT-DE 12	60	R7s	235 0 670 000	64 688	RJ 60	60T3Q/CL	112 601	—
	QT-DE 12	100	R7s	235 0 671 000	64 690	RJ 100	100T3Q/CL	113 401	K14/Q100
	QT-DE 12	200	R7s	235 0 435 000	64 698	RJ 200	200T3Q/CL	100 401	K11/Q200
	QT-DE 12	300	R7s	235 0 426 000	64 701	RJ 300	300T3Q/CL	100 101	K9/Q300
	QT-DE 12	400	R7s	230 1 811 000	64 702 ES	RJH-TS 400	S400W 1BL	—	K1/Q375
	QT-DE 12	750	R7s	235 0 416 000	64 560	RJ 750	750T3Q/CL	111 101	K3/Q750
	QT-DE 12	1000	R7s	235 0 158 000	64 740	RJ 1000	1000T3Q/CL	100 001	K4/Q1000
	QT-DE 12	1500	R7s	235 0 095 000	64 760	RJ 1500	1500T3Q/CL	100 201	K5/Q1500
	QT-DE 12	2000	R7s	235 0 194 000	64 784	RJ 2000	—	111 401	K8/Q2000
	QT-DE 12	2000	Fa4	235 0 195 000	64 783	RJ 2000 St	2000T3Q/CL	111 501	K6/Q2000
	QT-9	20	G4/12 V	230 0 466 000	64 425	RJ 2012	13 078	115 310	M47
	QT-12	20	GY6,35/12 V	230 1 348 000	64 427 S	RJY 2012	13 104	107 110	M76
	QT-12	50	GY6,35/12 V	230 0 497 000	64 440	RJY 5012	13 079	115 510	M74
	QT-12	100	GY6,35/24 V	230 0 635 000	64 460	RJY 10024	13 089	115 610	M28
	H 3	55	PK22s/12 V	230 0 687 000	64 151	—	12 336	—	H3 55 W
	H 3	70	PK22s/24 V	230 0 689 000	64 156	—	13336	—	H3 70 W
	QR-CBC 51	50	GU5,3	230 1 780 000	48 870 ES SP	RJLS 50 SP	14 588	189 853	EXT/CG
	QR-CBC 51	50	GU5,3	230 1 781 000	48 870 ES WWFL	RJLS 50 WWFL	14 590	189 851	EXN/CG
	QR-CBC 51	50	GU5,3	230 1 782 000	48 870 ES WWFL	RJLS 50 WWFL	14 591	189 859	FNV/CG

Metal Halide Lamps – HI (High Pressure Iodure)

Symbol	Type	Output [W]	Cap	Ref. No.	Osram	Radium	Philips	BLV	General Electric
	HIT	70	G12	230 0 969 000	HQHT 70 W/WDL	HRHT 70 W/WDL	—	—	ARC 70/T/730
	HIT	150	G12	230 0 970 000	HQHT 150 W/WDL	HRHT 150 W/WDL	—	—	ARC 150/T/830
	HIT-TC-CE	20	PGJ5	230 1 668 000	—	—	CDM-Tm 20 W/830	—	—
	HIT-TC-CE	35	PGJ5	230 1 760 000	—	—	CDM-Tm 35 W/830	—	—
	HIT-TC-CE	20	GU6,5	230 1 669 000	HCHTF 20 W/WDL	—	—	—	CMH 20/T/830
	HIT-TC-CE	35	GU6,5	230 1 763 000	HCHTF 35 W/WDL	—	—	—	CMH 35/T/830
	HIT-TC-CE	20	G8,5	230 1 502 000	—	—	—	—	CMH 20/TC/830
	HIT-TC-CE	35	G8,5	230 1 501 000	HCHTC 35 W/WDL	RCHTC 35 W/WDL	CDM-TC 35 W/830	—	CMH 35/TC/830
	HIT-CE	35	G12	230 0 968 000	HCHT 35 W/WDL	RCHT 35 W/WDL	CDM-T 35 W/830	—	CMH 35/T/830/T
	HIT-CE	70	G12	230 1 404 000	HCHT 70 W/WDL	RCHT 70 W/WDL	CDM-T 70 W/830	—	CMH 70/T/830
	HIT-CE	100	G12	230 1 801 000	HCHT 100 W/WDL	—	—	—	—
	HIT-CE	150	G12	230 1 406 000	HCHT 150 W/WDL	RCHT 150 W/WDL	CDM-T 150 W/830	—	CMH 150/T/830
	HIT-CE	250	G22	230 1 662 000	HCHTM 250 W/WDL	—	—	—	—
	HIT-CE	45	PGZ12	230 1 874 000	—	—	CPO-TW 45 W/628	—	—
	HIT-CE	60	PGZ12	230 1 750 000	—	—	CPO-TW 60 W/728	—	—
	HIT-CE	90	PGZ12	230 1 875 000	—	—	CPO-TW 90 W/728	—	—
	HIT-CE	140	PGZ12	230 1 876 000	—	—	CPO-TW 140 W/728	—	—
	HIE/m	100	E27	230 1 449 000	HQHE 100 W/WDL	HRHE 100 W/WDL	—	—	—
	HIE/c	100	E27	230 1 448 000	HQHE 100 W/WDL clear	—	—	—	—
	HIE	250	E40	230 0 709 000	HQHE 250 W/D	HRHE 250 W	—	—	ARC 250/E
	HIE	400	E40	230 0 710 000	HQHE 400 W/D	HRHE 400 W	HPI 400 W	—	—
	HIT	250	E40	230 0 682 000	HQHT 250 W/D	HRHT 250 W	—	—	ARC 250/T
	HIT	400	E40	230 1 186 000	HQHT 400 W/D	HRHT 400 W/D	—	—	ARC 400/T
	HIT	1000	E40	230 0 625 000	HQHT 1000 W/D	HRHT 1000 W	—	—	SPL 1000/T
	HIT	2000	E40 – 8,8 A	230 1 307 000	HQHT 2000 N	HRHT 2000 W/N/I	—	—	SPL 2000/I/T/H/640
	HIT	2000	E40 – 10,3 A	230 1 312 000	HQHT 2000 D/I	HRHT 2000 W/D/I	—	—	SPL 2000/I/T/H/960
	HIT-DE	70	Rx7s	230 0 771 000	HQHTS 70 W/WDL	HRHTS 70 W/WDL	MHW-TD 70 W	HIT-DE 70 _{ww}	ARC 70/TD/730
	HIT-DE	70	Rx7s	230 0 967 000	HQHTS 70 W/NDL	HRHTS 70 W/NDL	MHN-TD 70 W	HIT-DE 70 _{nw}	ARC 70/TD/742
	HIT-DE	150	Rx7s	230 1 306 000	HQHTS 150 W/WDL	HRHTS 150 W/WDL	MHW-TD 150 W	HIT-DE 150 _{ww}	ARC 150/TD/730
	HIT-DE	150	Rx7s	230 0 693 000	HQHTS 150 W/NDL	HRHTS 150 W/NDL	MHN-TD 150 W	HIT-DE 150 _{nw}	ARC 150/TD/742
	HIT-DE	250	Fc2	230 0 684 000	HQHTS 250 W/NDL	HRHTS 250 W	MHN-TD 250 W	HIT-DE 250 _{nw}	ARC 250/TD/840
	HIT-DE	400	Fc2	230 0 683 000	HQHTS 400 W/D	HRHTS 400 W	HPHTD 400 W	—	—
	HIT-DE-CE	35	Rx7s	230 1 734 000	—	—	—	—	CMH 35/TD/830
	HIT-DE-CE	70	Rx7s	230 1 400 000	HCHTS 70 W/WDL	RCHTS 70 W/WDL	CDM-TD 70 W/830	CHIT-DE 70 _{ww}	CMH 70/TD/830
	HIT-DE-CE	150	Rx7s	230 1 402 000	HCHTS 150 W/WDL	RCHTS 150 W/WDL	CDM-TD 150 W/830	—	CMH 150/TD/830
	HIT-DE	1000	Kabel K12s	230 1 660 000	HQHTS 1000 W/D/S	HRHTS 1000 W/D/S	—	—	—

High Pressure Sodium Vapour Lamps – HS (High Pressure Sodium)

Symbol	Type	Output (W)	Cap	Ref. No.	Osram	Radium	Philips	BLV	General Electric
	HSE	70	E27	230 0 715 000	NAVE 70 W/E	RNPE 70 W/E	SON 70 W/E	NAHE 70	LU 70/90/D
	HSE	150	E40	230 0 716 000	NAVE 150 W	RNPE 150 W	SON 150 W	—	LU 150/100/D
	HSE	250	E40	230 0 718 000	NAVE 250 W	RNPE 250 W	SON 250 W	—	LU 250/D/40
	HSE	400	E40	230 0 719 000	NAVE 400 W	RNPE 400 W	SON 400 W	—	LU 400/D/40
	HST	70	E27	230 0 698 000	NAV-T 70 W	RNP-T 70 W/E	SON-T Plus 70 W	—	LU 70/90/T
	HST-CRI	100	PG12-1	230 1 308 000	—	—	SDW-T 100 W	—	LU 100/100/T
	HST	150	E40	230 0 722 000	NAV-T 150 W	RNP-T 150 W	SON-T 150 W	NAH-T 150	LU 150/100/40
	HST	250	E40	230 0 686 000	NAV-T 250 W	RNP-T 250 W	SON-T 250 W	NAH-T 250	LU 250/T/40
	HST	400	E40	230 0 685 000	NAV-T 400 W	RNP-T 400 W	SON-T 400 W	NAH-T 400	LU 400/T/40
	HST	1000	E40	230 0 630 000	NAV-T 1000 W	RNP-T 1000 W	SON-T 1000 W	NAH-T 1000	LU 1000/110/T
	HST-DE	70	Rx7s	230 0 773 000	NAV-TS 70 W	RNP-TS 70 W	—	NAH-TR 70	—
	HST-DE	150	Rx7s	230 0 694 000	NAV-TS 150 W	RNP-TS 150 W	—	NAH-TR 150	—
	HST-DE	250	Fc2	230 0 723 000	NAV-TS 250 W	—	—	NAH-TR 250	—
	HST-DE	400	Fc2	230 0 724 000	NAV-TS 400 W	—	—	NAH-TR 400	—

High Pressure Mercury Vapour Lamps – HM (High Pressure Mercury)

Symbol	Type	Output (W)	Cap	Ref. No.	Osram	Radium	Philips	BLV	General Electric
	HME	50	E27	230 0 701 000	HQL 50 W	HRL 50 W	HPLN 50 W	—	H50/27
	HME	80	E27	230 0 696 000	HQL 80 W	HRL 80 W	HPLN 80 W	—	H80/27
	HME	125	E27	230 0 697 000	HQL 125 W	HRL 125 W	HPLN 125 W	—	H125/27
	HME	250	E40	230 0 702 000	HQL 250 W	HRL 250 W	HPLN 250 W	—	H250/40
	HME	400	E40	230 0 699 000	HQL 400 W	HRL 400 W	HPLN 400 W	—	H400/40
	HME	700	E40	230 0 829 000	HQL 700 W	HRL 700 W	HPLN 700 W	—	H700/40

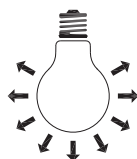
Compact Fluorescent Lamps – TC (Tubular Compact Lamps)

Symbol	Type	Output (W)	Cap	Ref. No.	Osram	Radium	Philips	BLV	General Electric
	TC-L	18	2G11	230 1 182 000	DL 18/31	Ralux 18 W/31	PL-L 18 W/830/4p	—	Biax-L 18 W/830
	TC-L	24	2G11	230 0 913 000	DL 24/31	Ralux 24 W/31	PL-L 24 W/830/4p	—	Biax-L 24 W/830
	TC	11	G23	230 0 768 000	DS 11/21	Ralux 11 W/21	PL-S 11 W/840/2p	—	Biax-S 11 W/840
	TC-D	10	G24d-1	230 1 229 000	DD 10/31	Ralux duo 10 W/31	PL-C 10 W/830/2p	—	Biax-D 10 W/830
	TC-D	13	G24d-1	230 0 769 000	DD 13/31	Ralux duo 13 W/31	PL-C 13 W/830/2p	—	Biax-D 13 W/830
	TC-D	18	G24d-2	230 1 195 000	DD 18/31	Ralux duo 18 W/31	PL-C 18 W/830/2p	—	Biax-D 18 W/830
	TC-T	18	GX24d-2	230 1 264 000	DT 18/31	Ralux trio 18 W/31	PL-T 18 W/830/2p	—	Biax-T 18 W/830
	TC-T	26	GX24d-3	230 1 309 000	DT 26/31	Ralux trio 26 W/31	PL-T 26 W/830/2p	—	Biax-T 26 W/830
	TC-F	24	2G10	230 1 193 000	DF 24/31	Ralux twin 24 W/31	—	—	—
	TC-F	36	2G10	230 1 192 000	DF 36/21	Ralux twin 36 W/21	—	—	—
	T16	14	G5	230 1 563 000	FH 14/31	Bonalux 14 W/31	TL5 14 W HE/830	—	StarcoatF 14 W/T5/830
	T16	21	G5	230 1 515 000	FH 21/31	Bonalux 21 W/31	TL5 21 W HE/830	—	StarcoatF 21 W/T5/830
	T16	24	G5	230 1 559 000	FQ 24/31	Bonalux 24 W/31	TL5 24 W HO/830	—	StarcoatF 24 W/T5/830
	T16	28	G5	230 1 557 000	FH 28/31	Bonalux 28 W/31	TL5 28 W HE/830	—	StarcoatF 28 W/T5/830
	T16	35	G5	230 1 558 000	FH 35/31	Bonalux 35 W/31	TL5 35 W HE/830	—	StarcoatF 35 W/T5/830
	T16	39	G5	230 1 516 000	FQ 39/31	Bonalux 39 W/31	TL5 39 W HO/830	—	StarcoatF 39 W/T5/830
	T16	49	G5	230 1 560 000	FQ 49/31	—	TL5 49 W HO/830	—	StarcoatF 49 W/T5/830
	T16	54	G5	230 1 561 000	FQ 54/31	Bonalux 54 W/31	TL5 54 W HO/830	—	StarcoatF 54 W/T5/830
	T16	80	G5	230 1 562 000	FQ 80/31	Bonalux 80 W/31	TL5 80 W HO/830	—	StarcoatF 80 W/T5/830

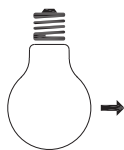
This table of lamps shows our reference numbers and the international abbreviation (ICE), also the marks of the lamp manufacturers. With our reference numbers we provide lamps we think most suitable. We accept no responsibility for the compatibility or functioning of lamps made by specific manufacturers in our light fittings.



The **luminous flux** Φ is the total luminous power of a light source measured in lumen and specified by the lamp manufacturers for each lamp. For example: an incandescent lamp has a luminous flux of approx. 1400 lm (14 lm/Watt). In comparison to this: a metal halide lamp has 9000 lm (90 lm/Watt).



The **luminous intensity** (I) is that part of luminous flux radiating in a specific direction. It is measured in candela (cd). The spatial distribution of luminous intensity is generally demonstrated by a polar light distribution curve.

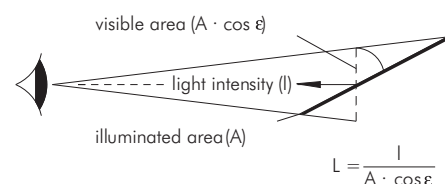


The **beam angle** (°) (also known as half beam angle) (γ) characterizes the light distribution of a luminaire.

At the angle shown, the luminous intensity is half of maximum. In the case of rotationally symmetrical reflectors, the beam angle can be described with one value. In all other cases, the values of the two main beam planes at half of max. luminous intensity.

The **main beam angle** shows the area in which the largest proportion of light leaves the (asymmetrical) reflector.

The **light density** (L) is the measurement of the brightness impression for the human eye, created by a luminous or illuminated area. This is the only "visible" photometric parameter. It is measured in candela per square metre (cd/m²). The luminous intensity related to a visible surface is the light density.



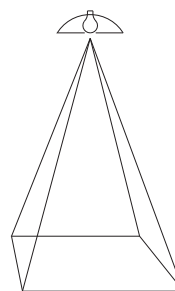
The **illuminance** (E) is the unit of measurement for the intensity of the light falling onto an illuminated surface. It is calculated from the luminous flux (Φ) and the size of the illuminated area A:

$$E = \frac{\Phi}{A} \frac{\text{luminous flux}}{\text{surface}}$$

(with vertical light incidence to plane [A]).

The luminous flux is reduced by the factor $\cos \alpha$ (α = angle of inclination to surface A).

Since the light distribution and consequently the illuminance vary from point to point, the average illuminance value "E_m", is taken as basis for planning (unit of measurement: Lux (lx)).



The **luminaire efficiency** (η_{LB}) is always smaller than the optical output ratio because in the case of the light output ratio, the lamps burn at varying ambient temperatures, e.g. in enclosed light fittings.

The **utilization factor** (η_B) is calculated from the light output of the light fittings and local conditions, e.g. indoors reflections from the walls and ceiling are to be taken into account. The result is the room utilization factor (η_R). The room utilization factor is to be replaced by other factors in case of outdoor illumination.

The **maintenance factor** (V) takes into account the ageing process and dirt build-up of the luminaire during the period for which a lamp is in place. Therefore in planning, the reduction factor (V) has to be considered. It is usually assumed as 0.8.

The **luminous efficacy** states how many lumen of luminous flux a lamp emits per watt of electrical power. This is a measure of a lamp's economic efficiency. Incandescent lamps (A) have a luminous efficiency of only 10–20 lm/W, fluorescent lamps (TC-L) 60–90 lm/W, high pressure lamps (HME, HIT, HST) between 30–130 lm/W.

The **luminous colour** states the effect of a light source on the colour appearance, created by the light of a lamp. It is defined with the nearest "colour temperature". This is the temperature of a reference standard light fitting at which a balanced luminous colour is emitted. The three terms "warm white" (ww), "neutral white" (nw) and "daylight white" (tw) are used to define the luminous colour.

The **light output ratio** (η_{LO}) is a further important characteristic for the assessment of a light fitting. The optical light output ratio is the ratio of the luminous flux being emitted by a lighting unit (Φ_{Leu}) to the sum of the luminous flux ($\Sigma \Phi$), create by all of the lamps contained in the lighting unit, i.e.

$$\eta_{LO} = \frac{\Phi_{Leu}}{\Sigma \Phi}$$

The main photometric units

Size and symbol	Designation and correlation	Unit and abbreviation
Luminous flux Φ	Luminous intensity	Lumen [lm]
Luminous intensity I	$\frac{\text{Luminous flux}}{\text{solid angel}} = \frac{\Phi}{\omega}$	Candela [cd]
Illuminance E	$\frac{\text{Luminous flux}}{\text{size of area}} = \frac{\Phi}{A}$	Lux [lx]
Light density L	$\frac{\text{Luminous intensity}}{\text{visible size of area}} = \frac{I}{A}$	$\frac{\text{cd}}{\text{cm}^2}$ $\frac{\text{cd}}{\text{m}^2}$
Luminous efficacy lm/W	$\frac{\text{Luminous flux}}{\text{electrical power}} = \frac{\Phi}{N}$	Lumen per Watt [lm/W]
Half beam angle	angle at $\frac{I_{max}}{2}$	Degrees [°]

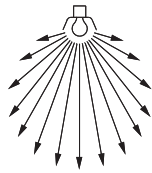
Luminous intensity distribution curve

Photometrically, a luminaire's characteristic is described by its luminous intensity distribution curve.

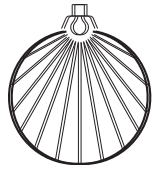
These luminous intensity distribution curves are described in detail in DIN 5040. Typical luminous distribution curves:

The light distribution of a lamp or light fixture can be shown on a chosen plane by the luminous intensity distribution curve.

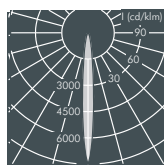
A luminous intensity distribution curve is created if one imagines a point source of light in the centre of a polar diagram, luminous intensity radiating from this source is represented as true to scale vectors originating from the centre of the graph.



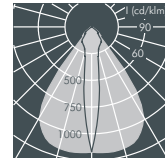
If all these vector points are connected together, the result is the luminous intensity distribution curve (see graph below).



Unless otherwise stated, the luminous intensity values in this curve relate to a luminous flux of 1000 Lumen. If the lamp or lamps in a light fixture have differing luminous flux values, the luminous intensity values stated in the luminous intensity distribution curve have to be multiplied by the appropriate factors. The display of one plane is usually sufficient in case of circular symmetrical reflectors.

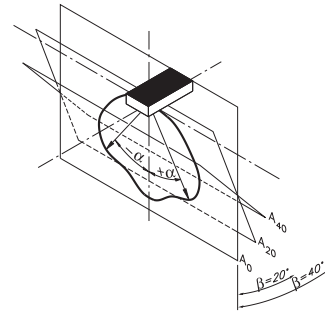


In case of axially symmetrical and asymmetrical reflectors the radiation characteristics can only be represented by the various planes.



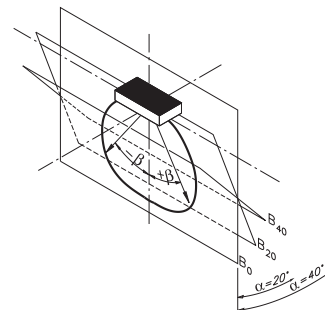
Technical documentation therefore mostly shows light intensity distribution on the longitudinal and transverse planes.

As you can see from the following diagrams, the curves on the transverse plane (AO-plane) show the luminous intensity distribution curve vertical to the light fixture's longitudinal axis. These luminous intensity distribution curves are called the transverse curves.



$A_0 \text{ plane} \cong C0 - 180$

The curves on the longitudinal plane (B-plane), so-called longitudinal curves, are shown parallel to the lighting fixture's longitudinal axis on the luminous intensity distribution curve.



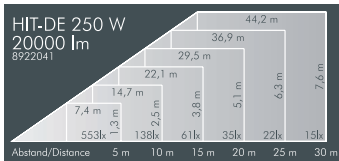
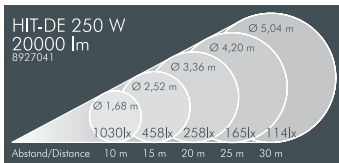
$B_0 \text{ plane} \cong C90 - 270$

Illumination diagrams for simple planning

The drawings below provide a simple and fast survey of the average illuminance of a surface at a specific distance from a light source.

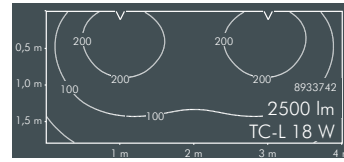
It should be taken into account that the specified average illuminance value at the named surface limits represents half the maximum value and does not drop to "Zero" but decreases gradually.

If the light approaches at an angle, the average illuminance value reduced according to the angle of incidence.



Isolux diagrams

In isolux diagrams the points with the same illuminance value are joined up with a line (isolux curve).

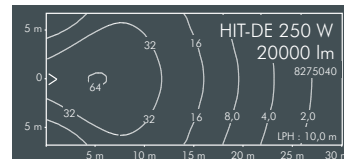


In the isolux diagrams for sign illumination, the luminaires are placed above the illuminated surface.

The distance depends on the luminaire type and the size of the sign.



Wall and pathway luminaires are situated on the lower side of the diagram. They illuminate the area below the luminaire from a given height (=LPH).



In the isolux diagrams for area floodlights, the luminaires are situated on the left side of the diagram. The light source height (LPH) and the dimensions of the area are given as a possible application example.

Colours

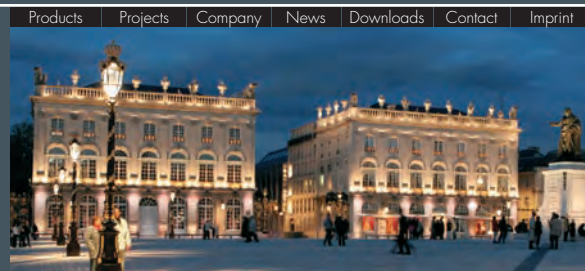
All painted luminaires and their accessories are chromate pretreated and subsequently polyester powder coated.

Standard textured finishes:

- black (RAL 9005)
- white (RAL 9002)
- silver grey
(Colour sample available upon request)

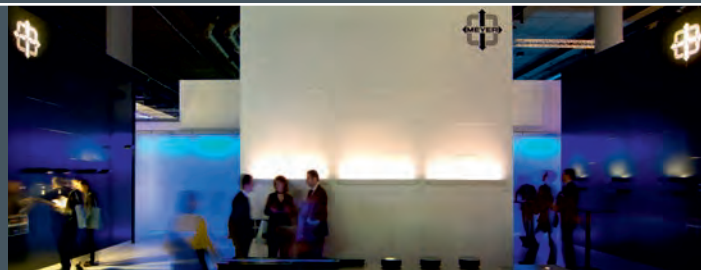
Further colours also possible.

Internet



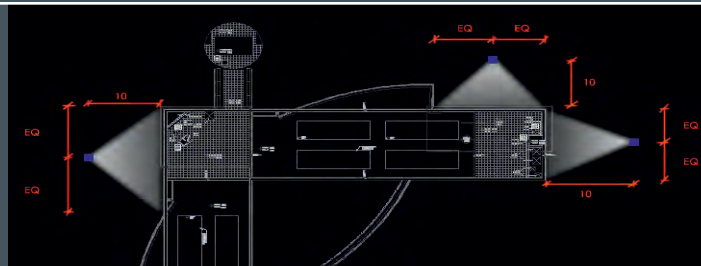
The Meyer website offers current information on products, projects and our company. The download section contains photometric files, product photos, specification texts and the catalogue pages in PDF.

Exhibitions



Our exhibition stands are a forum for exchange of information for visitors from around the globe. Our range of lighting products and how they perform can be seen in practice.

Planning aids



Our lighting design support ranges from calculations for sign lighting to assistance for complex lighting concepts. If required, the results can be presented as a visualisation.

Customization/special finishes



Special versions of the products and accessories shown in this catalogue are possible. In addition to the standard colours black, white and silver grey, special colours can also be supplied. If the luminaires are to be installed in a waterfront situation where they are likely to come into contact with salt water or a highly saline atmosphere or in locations where irrigation systems / sprinklers use recycled water and / or fertilizers, we strongly recommend a 2 layer paint system with an additional layer of epoxy powder primer underneath the polyester powder colour coat. In order to enhance the resistance to corrosion, all our luminaires are manufactured in a low copper aluminium alloy with a max. copper content of 0.1% (EN AC AlSi12).