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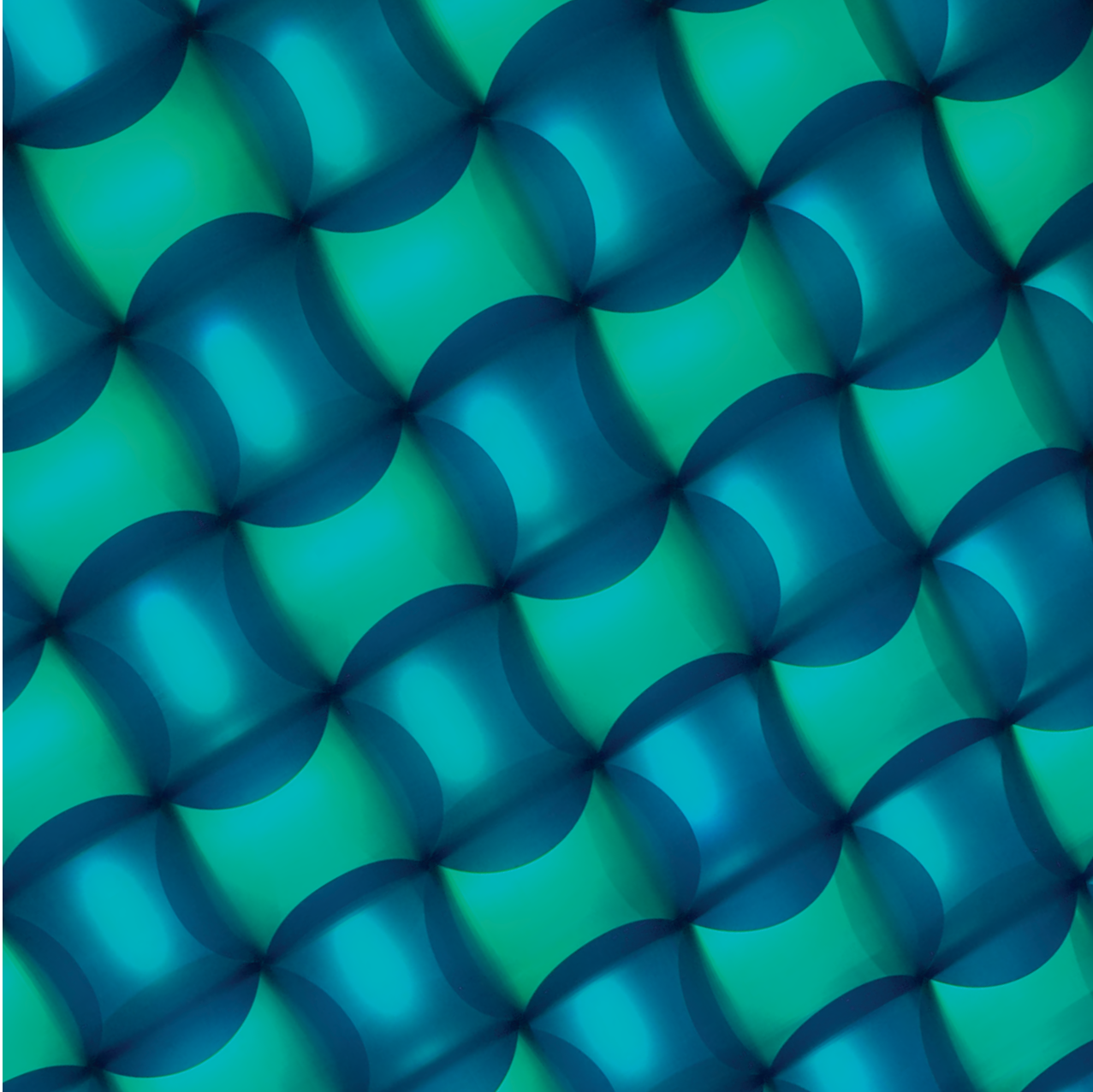
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LED Solutions Catalogue



LED Solutions Catalogue
2011



2	Simply enhancing light with light
3	Sustainability
5	Welcome to a new era in lighting
7	Be inspired
53	Be informed
54	Philips Core Technologies
58	Ilte Luce
60	Product overview
530	Key to classification codes
534	Index

Philips are at the forefront of lighting technology and innovation. We have worked with some of the best architects and lighting designers in the world to achieve projects that both inspire and innovate. This book has been produced to help you do the same. The first section 'Be inspired' is about creativity and inspiration – project case studies featuring the latest in solid state lighting solutions. The second section 'Be informed' gives you a detailed overview of the products and technologies that will help you realise your vision.

Philips Warranty LED Luminaires:

LED Luminaires Greater than 25,000 hours rated life

Philips Lighting gives a standard 3 year warranty on all LED luminaires rated at greater than 25,000 hrs life - extended warranty to 5 years also available.

Special conditions

The warranty period starts on the date of invoice.

The warranty period is based on a burning behaviour of max. 4000hrs/year.

By default, the customer receives above mentioned "standard warranty". On request, an "extended warranty" or "customized project warranty" can be agreed upon after evaluation of the specific application conditions.

LED Luminaires Equal to or less than 25,000 hours rated life

Philips Lighting gives a standard 1 year warranty on all LED luminaires rated at equal to or less than 25,000 hrs life.

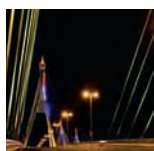
The above is not exhaustive and for further information and Full Terms and Conditions. Your local Philips Sales contact or The Philips Centre in Guildford can provide further support and information.

Simply enhancing life with light

As the global leader in lighting solutions, we are passionate about optimising and enhancing experiences in all aspects of life.

Today, with the infinite possibilities of LED, the future of lighting is brighter than ever. Not only is there an active shift in how we consume energy – but identity, expression and functionality can also be explored in entirely new ways.

Our desire for innovation allows us to create exciting new opportunities for our customers and together we continue to create meaningful and valuable solutions, enhancing the quality, use and experience of light.



Outdoor

We make cities safer to live in and more enjoyable to experience



Hospitality

We help promote guest comfort and build brand differentiation



Homes

We help people express who they are and how they feel at home



Retail

We enable distinctive brand and shopping experiences



Healthcare

We enhance patient well-being and improve staff productivity



Entertainment

We enable creativity and expression through our lighting applications



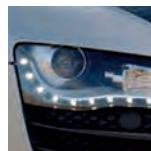
Office

We beautify and define spaces, increase productivity and boost energy efficiency



Industry

We help reduce carbon impact while increasing quality and productivity



Automotive

We make vehicles safer, more stylish and more energy efficient

Together we transform environments, create experiences and shape identities. With light, we uplift and inspire, we comfort and heal and we create safety and spectacle.

We believe light is potential – light is possibility, and we are bringing those possibilities to life.

Philips Lighting. Simply enhancing life with light...



Sustainability

At Philips, we define sustainability as “meeting the needs of the present generation without compromising the ability of future generations to meet their own needs.”

Sustainability within Philips Lighting is all about performance—in energy efficiency, lighting levels, user comfort, environmental impact and more. It means achieving the best output with the fewest resources. Putting this in action means sustainable investments must have an economic, social and environmental benefit. Within Philips Lighting we help our customers harness the financial benefit associated with energy savings, contribute to the security of energy supply and protect against the financial implication of carbon dioxide emissions. Social returns on investment are given by understanding how the quality of light impacts health, wellbeing and productivity; we help our customers publicize their reductions in energy consumption in their corporate social responsibility programme and help them provide a safe, attractive environment.

As a recognized leader in the lighting industry we help our customer reduce their carbon dioxide emissions, limit their waste to landfill and help comply with environmental legislation. In addition to the development of award-winning, energy-efficient products, we have implemented sustainable business practices in our manufacturing

facilities by earning the ISO 14001 certification for environmental management. Our EcoVision4 targets designed to improve our environmental impact we have committed to the following by 2012; 30% of total revenues from Green Products; double investment in Green Innovations to a cumulative EUR 1 billion and improve our operational energy efficiency by 25% and reduce our CO2 emissions by 25%, all compared with the base year 2007.

EcoVision5 raises the bar in Philips' overall approach to sustainability, we have identified three sustainability leadership key performance indicators: Bringing care to more than 500 million people by 2015; Improving energy efficiency of Philips products by 50% by 2015 (for the average total product portfolio) compared to 2009 and Closing the materials loop by doubling global collection, recycling amounts and recycled materials in products by 2015 compared to 2009. Our support of sustainable practices and initiatives goes far beyond our facilities, too. We work closely and partner with key governmental and industry organizations toward making a brighter future possible for our world.

With our depth of resources and expertise, we are ready to help you identify and meet your lighting-related sustainability goals as well.



Welcome to a new era in lighting

LED technology has advanced at a remarkable pace in recent years. No longer confined to electronic devices such as mobile phones or watches, LED-based solutions are becoming ever more widespread. They improve the quality of people's lives in retail outlets, hotels, restaurants, offices, domestic environments and in many different features of the urban landscape including public buildings, bridges, footpaths, market squares and façades.

It's hardly surprising LEDs are proving so popular. Compared with traditional non-solid-state lighting, they are energy-efficient, produce fewer CO² emissions and radiate little heat, cost less to run and maintain, are small and flexible, last longer and produce a light that is precisely controllable and programmable.

Although the colour properties of LEDs have been frequently applied by designers for atmosphere creation, entertainment and architectural highlighting, there is another area where LEDs are becoming increasingly popular; white light. For more than a decade, LEDs have been offering a viable alternative to conventional light sources, and with ongoing improvements in brightness, this is a trend definitely set to continue and broaden in scope.

What are LEDs?

LED stands for light-emitting diode. A diode is a device made from two different conducting materials that allows current to flow in only one direction. When electricity is passed through the diode, the atoms in one material are excited to a higher energy level. This energy is released as the atoms transfer electrons to the other material. During this energy release light is created. The colour of the light from the LED depends on what the diode is made from and how it is configured.



NEW PROJECT

Client

Princess Alexandra Hospital

Project

CT Scanner Room

Location

Harlow, UK

LED products used

Ambiscene





NEW PROJECT

Client

Scarlet Hotel

Location

Cornwall, UK

LED products used

Philips Dynalite Solutions





NEW PROJECT

Client

Skemersdale Library

Location

Skemersdale, West
Lancashire, UK

LED products used

Philips iColor Cove
QLX Compact





NEW PROJECT

Client

Premier Inn

Location

London, UK

LED products used

LEDline²

162





NEW PROJECT

Client

Heineken - The City

Location

Amsterdam, The Netherlands

LED products used

eW Downlight Powercore	324
------------------------	-----

Spot LED	284
----------	-----

LEDline²	162
----------	-----

"We believe





NEW PROJECT

Client

ENBW

Location

Kieselbronn, Germany

LED products used

Speedstar

458



**Project**

Rafayel Hotel

Location

Battersea, London, UK

Parties involved

Rafayel Hotel

Latis

Philips Lighting

LED products used

iColor Cove MX	226
----------------	-----

SpotLED Gen 3	300
---------------	-----

SpotLED I	284
-----------	-----

MASTER LEDlamps	358
-----------------	-----



**Project**

Welsh Castles

Location

Wales, UK

Parties involved

Cadw

Philips Lighting

LED products used

eW Reach Powercore®	72
eW Graze Powercore®	156
eW Blast Powercore®	90



**Project**

Ghd

Location

Leeds - UK

Parties involved

GHD

Southern and Redfern

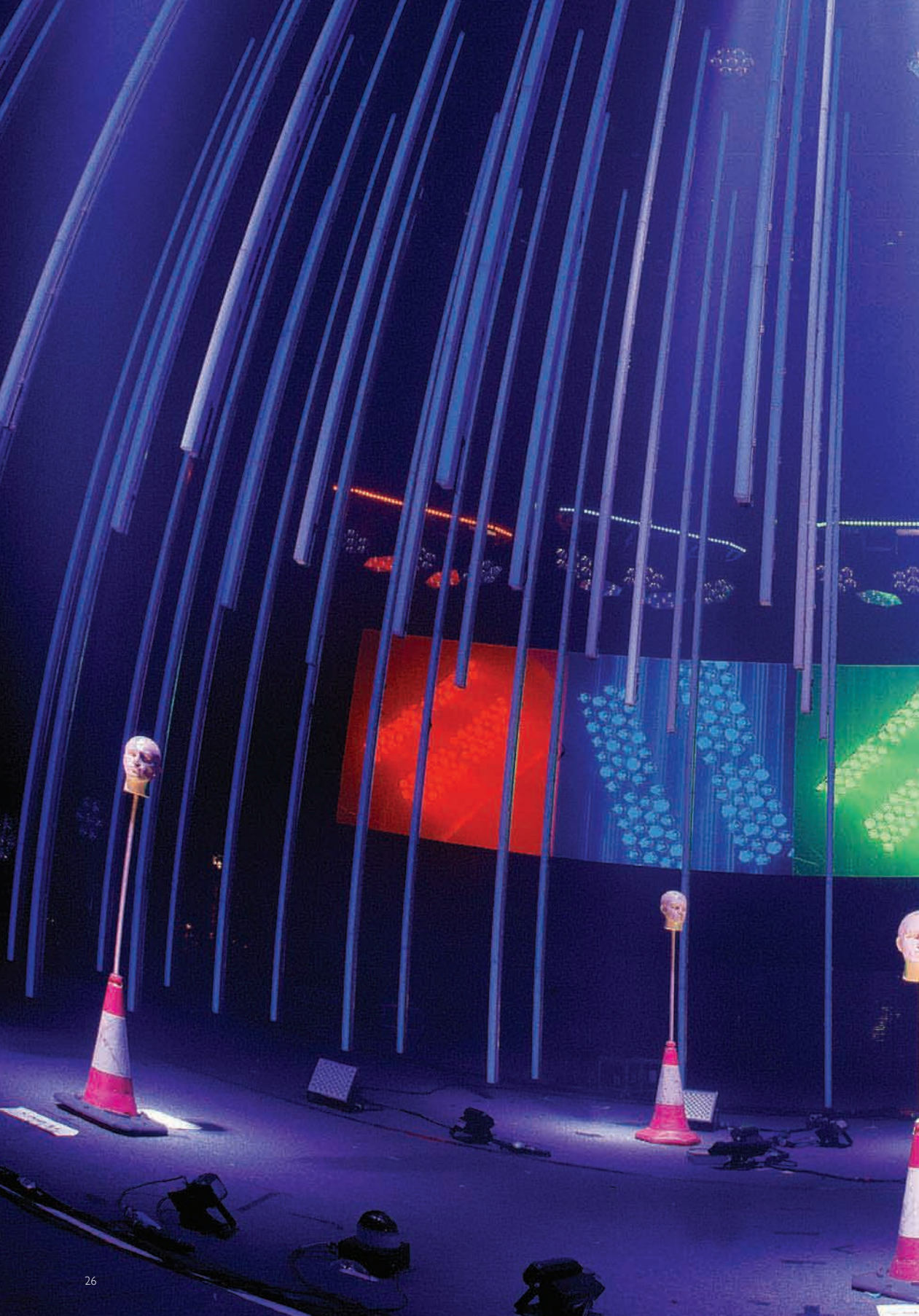
Litetask

Philips Lighting

LED products used

iW Cove Powercore®

DMX lighting control system 520





Project

Radio Head

Location

Radiohead Tour

Parties involved

Architainment
Utopian Lighting
Specialz Ltd
Radiohead
Philips Lighting

LED products used

ColorReach Powercore® 64

iColor Flex SLX

iW Blast Powercore® 94



**Project**

Natural History Museum

Location

London- UK

Parties involved

Natural History Museum

AECOM lighting group

Philips Lighting

LED products used

ColorReach Powercore®

64



**Project**

Millenium Bridge

Location

Gateshead, UK

Parties involved

Stage Electrics

Architainment Lighting

Philips Lighting

LED products used

ColourReach™ Powercore 64

DMX Controller 520

ANY hot or cold baguette
and **ANY** cold drink*
only **£2.99**
*excludes smoothies

*excludes smectites

ANY hot or cold baguette and ANY cold drink*

£2.99

MEAL DEAL

ANY hot or cold baguette and ANY cold...

£2.99

hot
food to go

NEAL DEAL

\$2.99



Project

Greggs

Location

Bromley, UK

Parties involved

Greggs Plc

Philips Lighting

LED products used

LuxSpace Mini 256

SpotLED Gen 3 300



**Project**

County Hall

Location

London, UK

Parties involved

Philips Lighting

Architainment LTD

LED products used

ColourReach Powercore® 64

iPlayer® 3 520



Project

The Royal Netherlands Academy

Location

Breda, Netherlands

Parties involved

Philips Lighting

LED products used

ColourReach Powercore® 64

iPlayer® 3 520





Project

Potawatomi Bingo Casino

Location

Milwaukee WI, USA

Parties involved

Philips Lighting
Creative Lighting and
Design Engineering

LED products used

ColourBlast I2 Powercore® 76



Project

Odeon / Bavarian
Ministry of the Interior

Location

Munich, Germany

Parties involved

Philips Lighting
Ackermann & Partners (architects)
Alexander Weckner Licht und
Mediensysteme GmbH

LED products used

ColorBlast I2 Powercore®	76
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iColorGraze Powercore®	142
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iPlayer 3	520
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Project

Costa Serena Cruise Ship

Location

Genoa, Italy

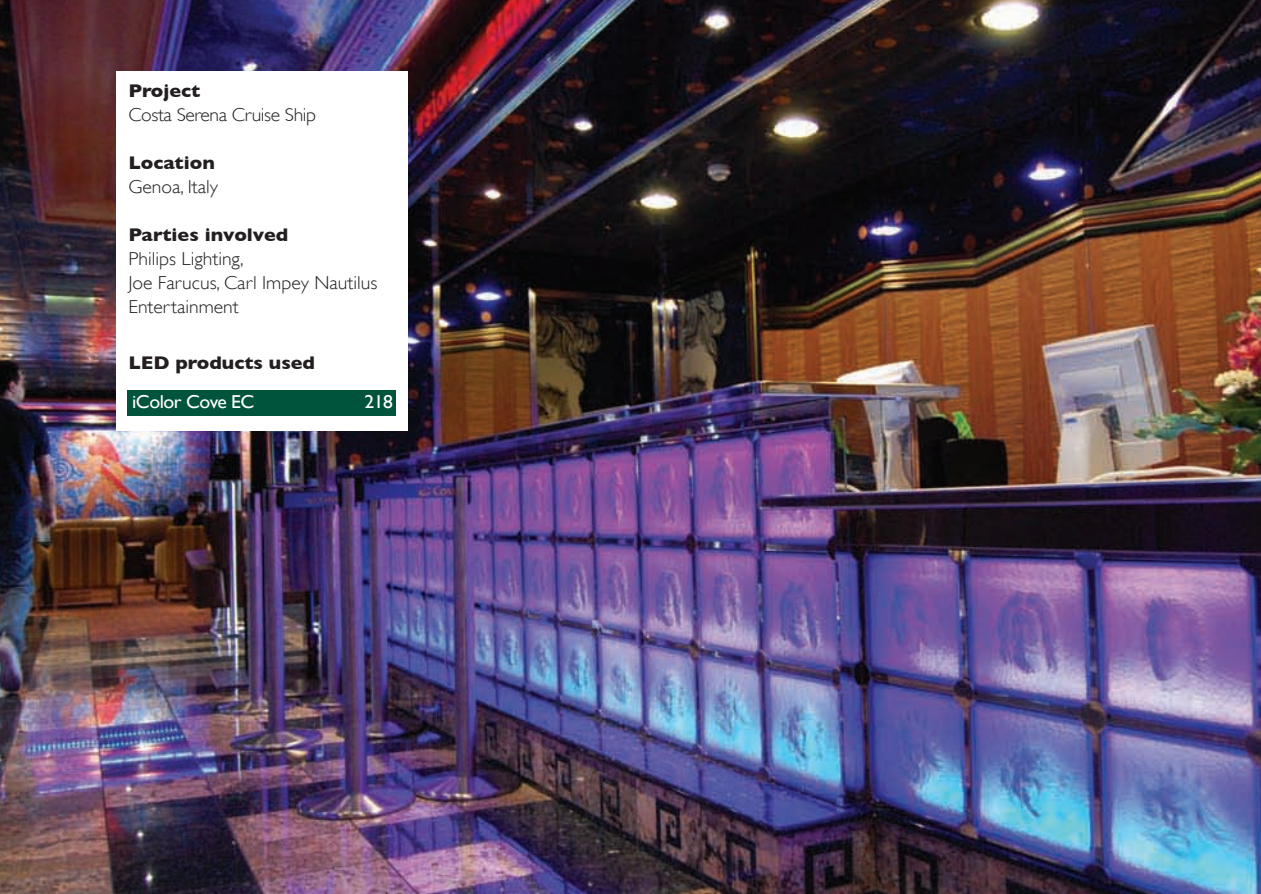
Parties involved

Philips Lighting,
Joe Farucus, Carl Impey Nautilus
Entertainment

LED products used

iColor Cove EC

218

**Project**

NOH Opera
'Asagao'

Location

Kanagawa, Japan

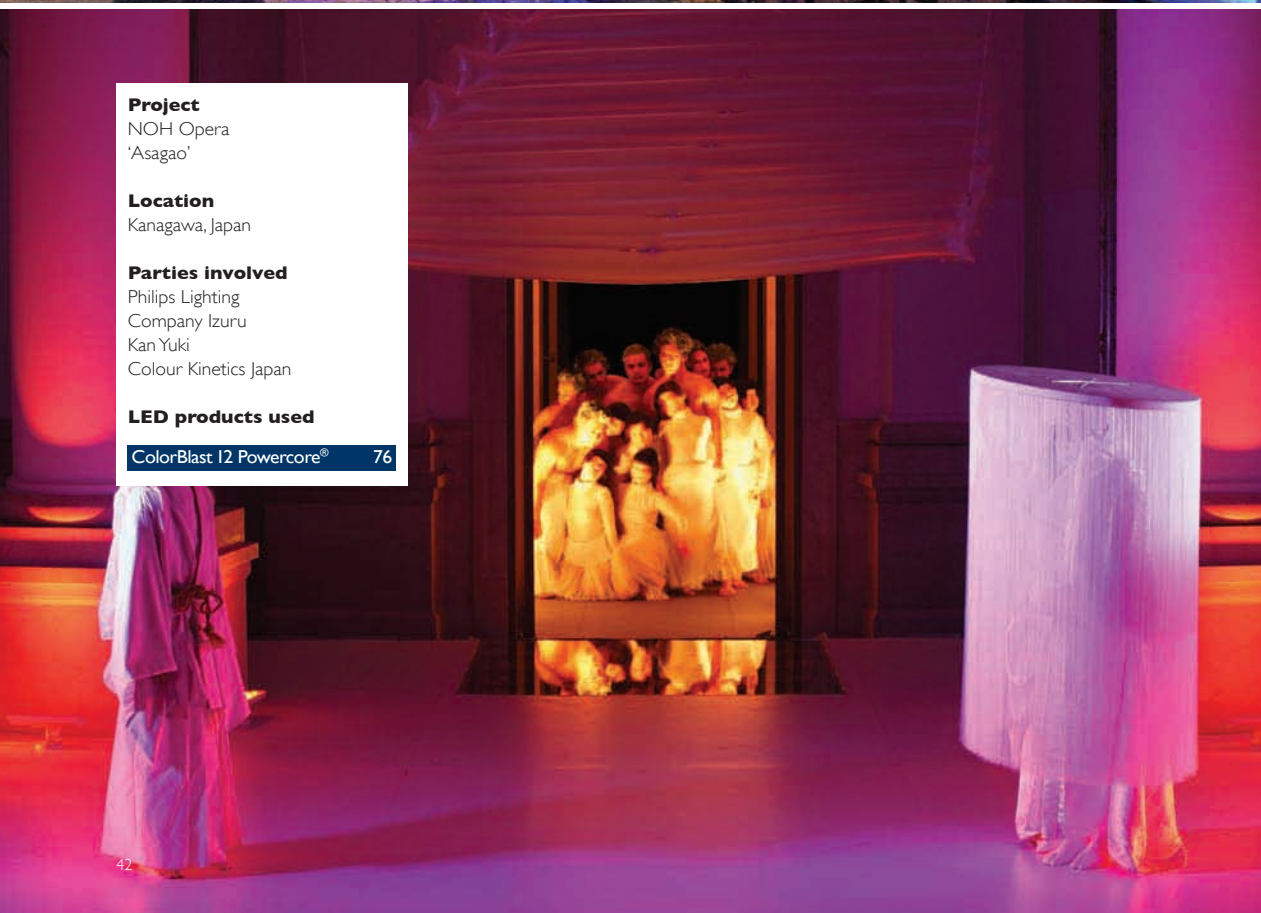
Parties involved

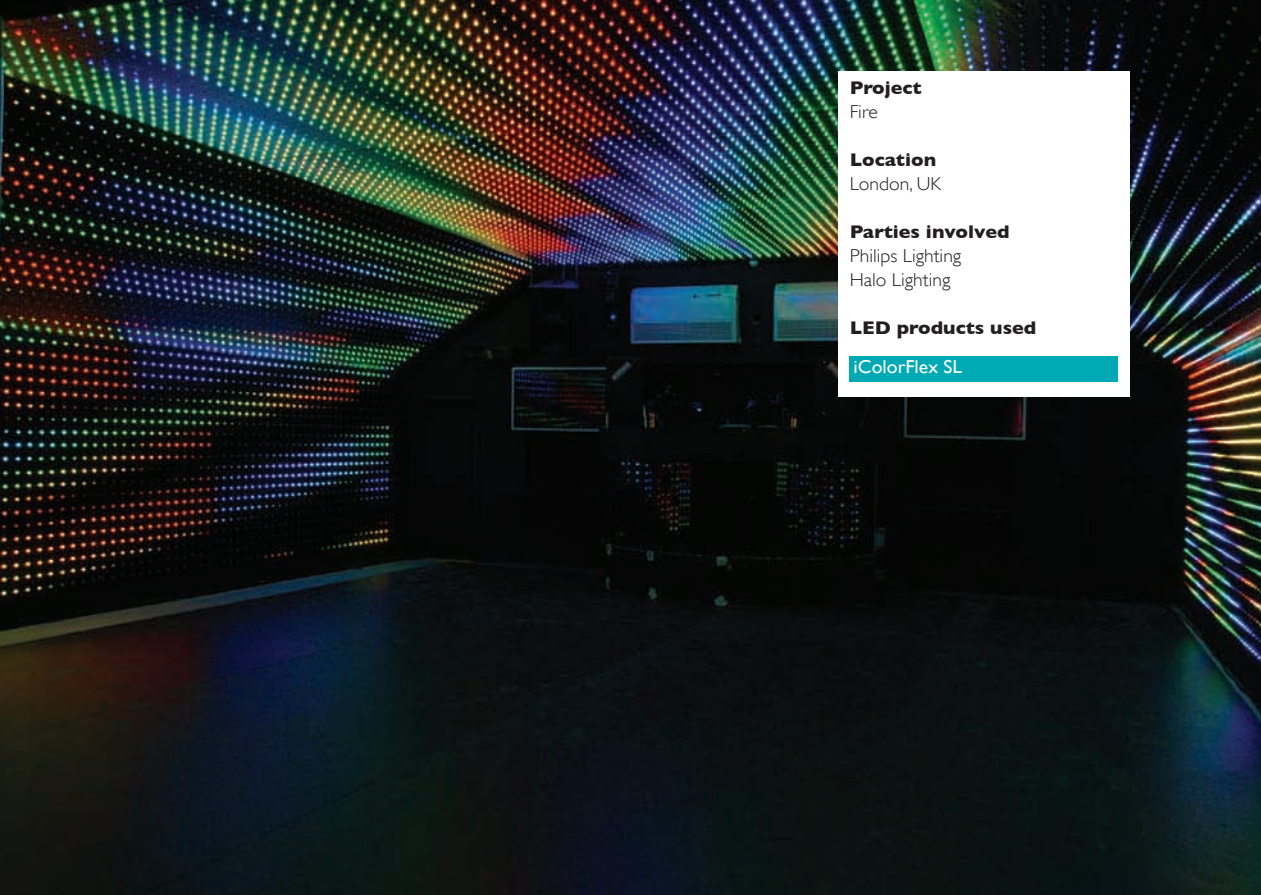
Philips Lighting
Company Izuru
Kan Yuki
Colour Kinetics Japan

LED products used

ColorBlast I2 Powercore®

76





Project

Fire

Location

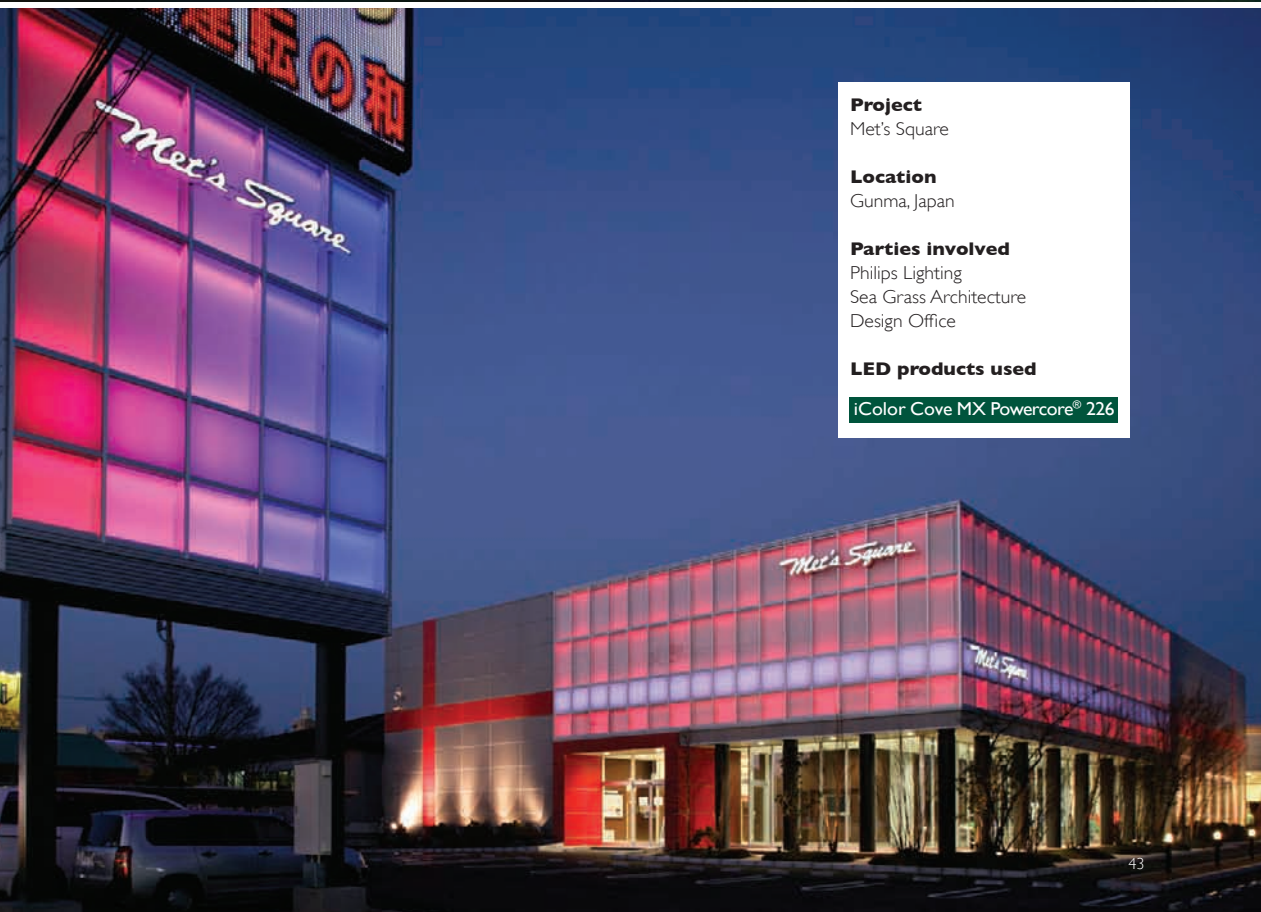
London, UK

Parties involved

Phillips Lighting
Halo Lighting

LED products used

iColorFlex SL



Project

Met's Square

Location

Gunma, Japan

Parties involved

Phillips Lighting
Sea Grass Architecture
Design Office

LED products used

iColor Cove MX Powercore® 226

Project

Continental
Atlantic City

Location

Atlantic City, USA

Parties involved

Philips Lighting
Focus Lighting, Inc.

**Project**

La Rinascente

Location

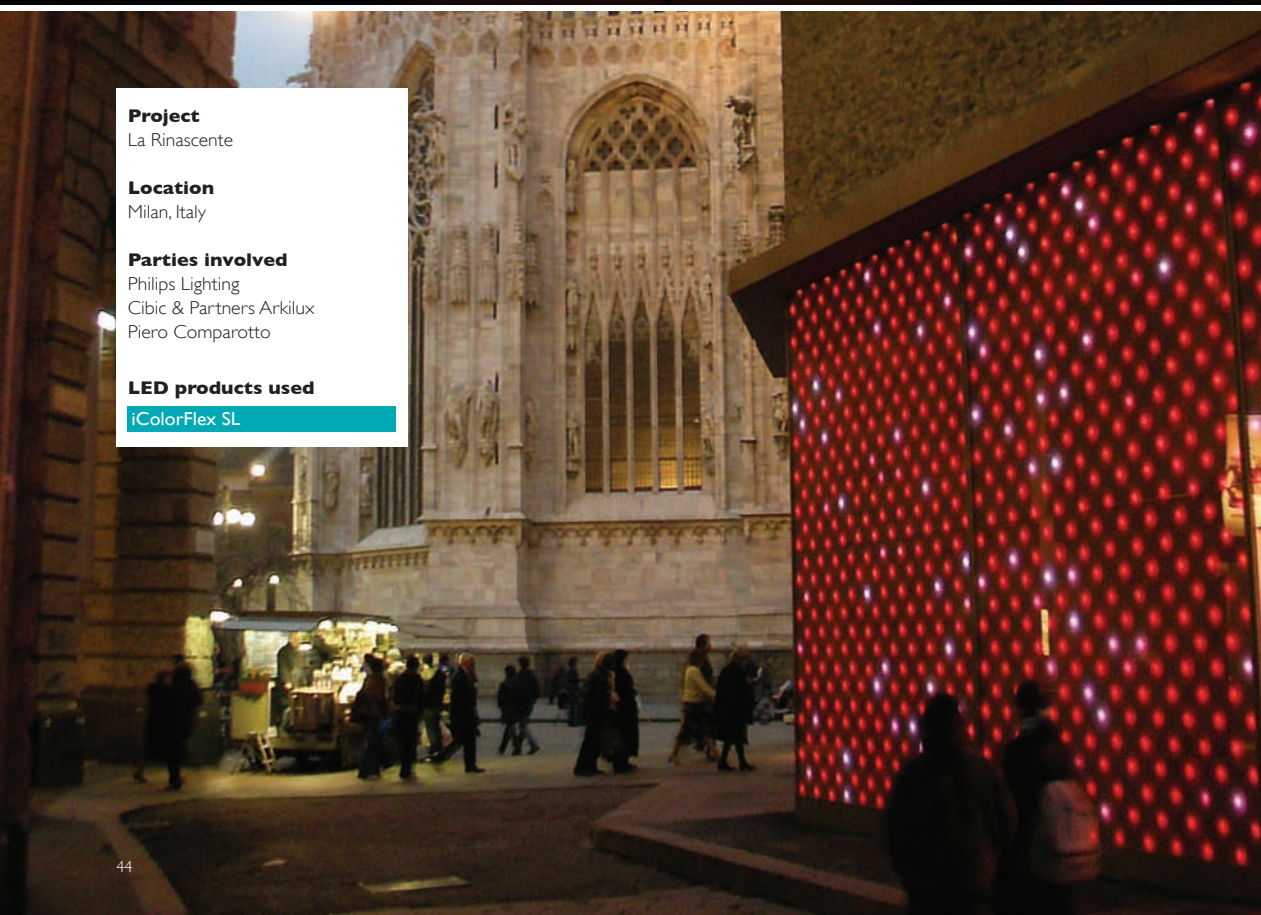
Milan, Italy

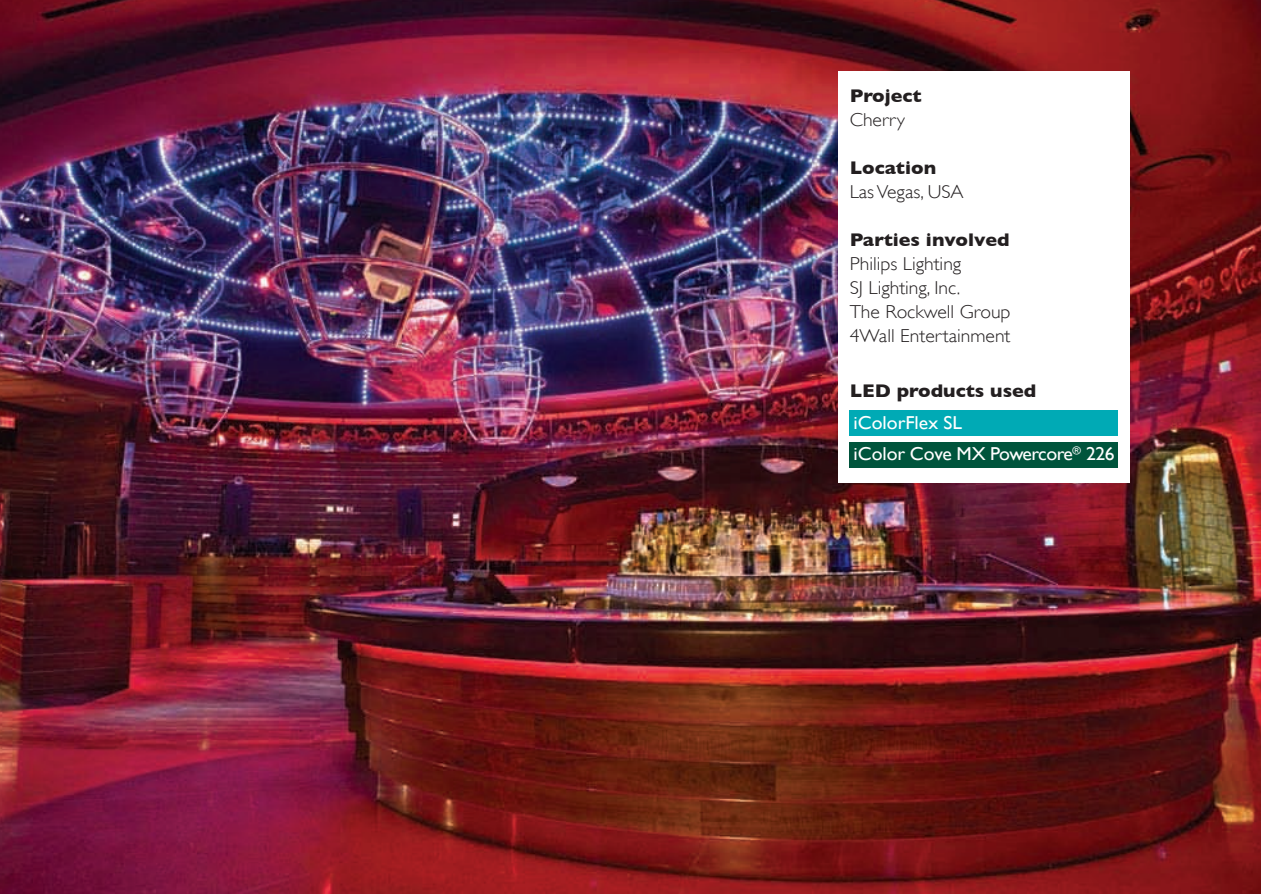
Parties involved

Philips Lighting
Cibic & Partners Arkilux
Piero Comparotto

LED products used

iColorFlex SL





Project

Cherry

Location

Las Vegas, USA

Parties involved

Philips Lighting

SJ Lighting, Inc.

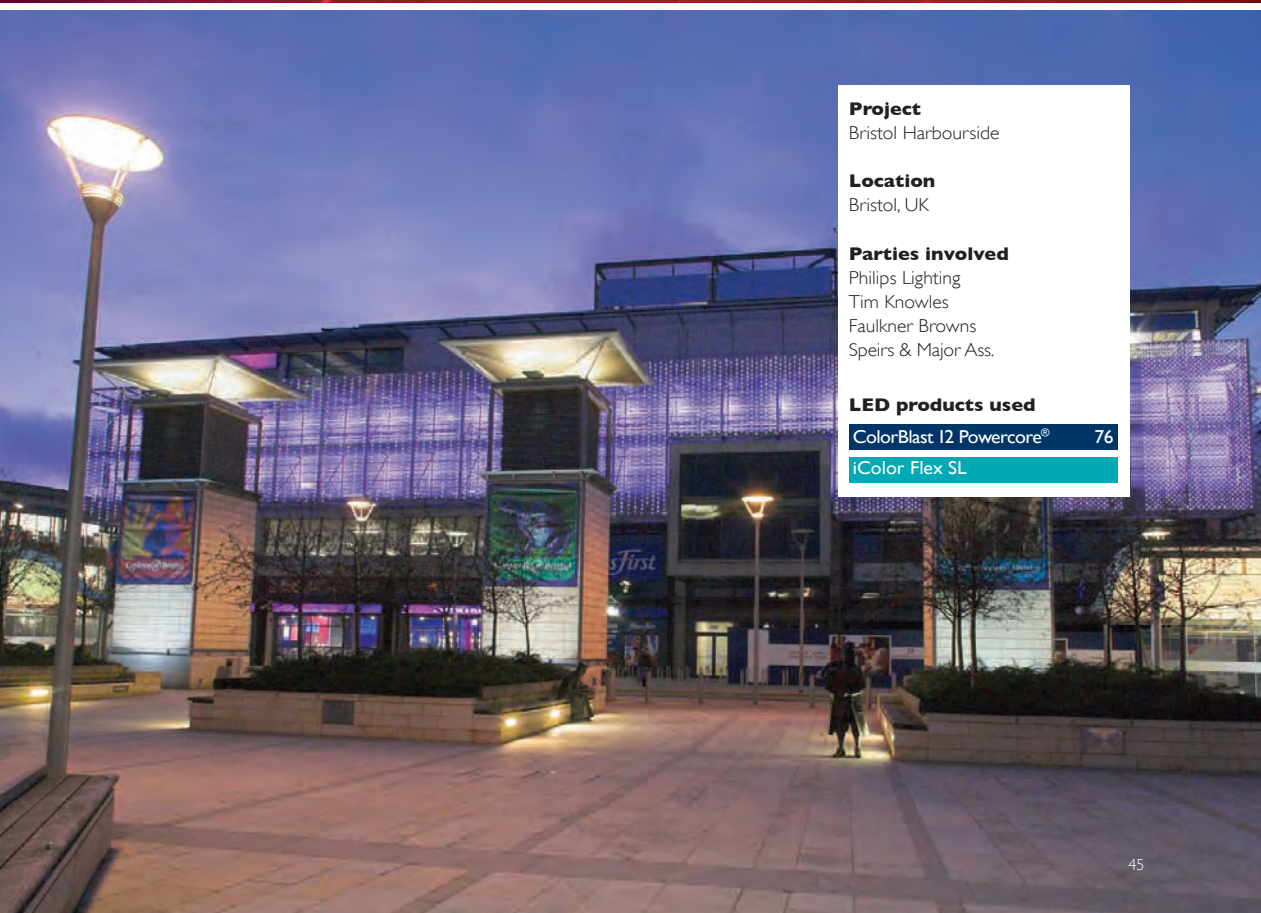
The Rockwell Group

4Wall Entertainment

LED products used

iColorFlex SL

iColor Cove MX Powercore® 226



Project

Bristol Harbourside

Location

Bristol, UK

Parties involved

Philips Lighting

Tim Knowles

Faulkner Browns

Speirs & Major Ass.

LED products used

ColorBlast 12 Powercore® 76

iColor Flex SL

Project

Push

Location

Gothenburg, Sweden

Parties involved

Alexander Lervik, Fredrik Linqvist,
Stockholm Lighting Company

LED products used

iColour Cove EC	244
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**Project**

Restaurant Flinstering

Location

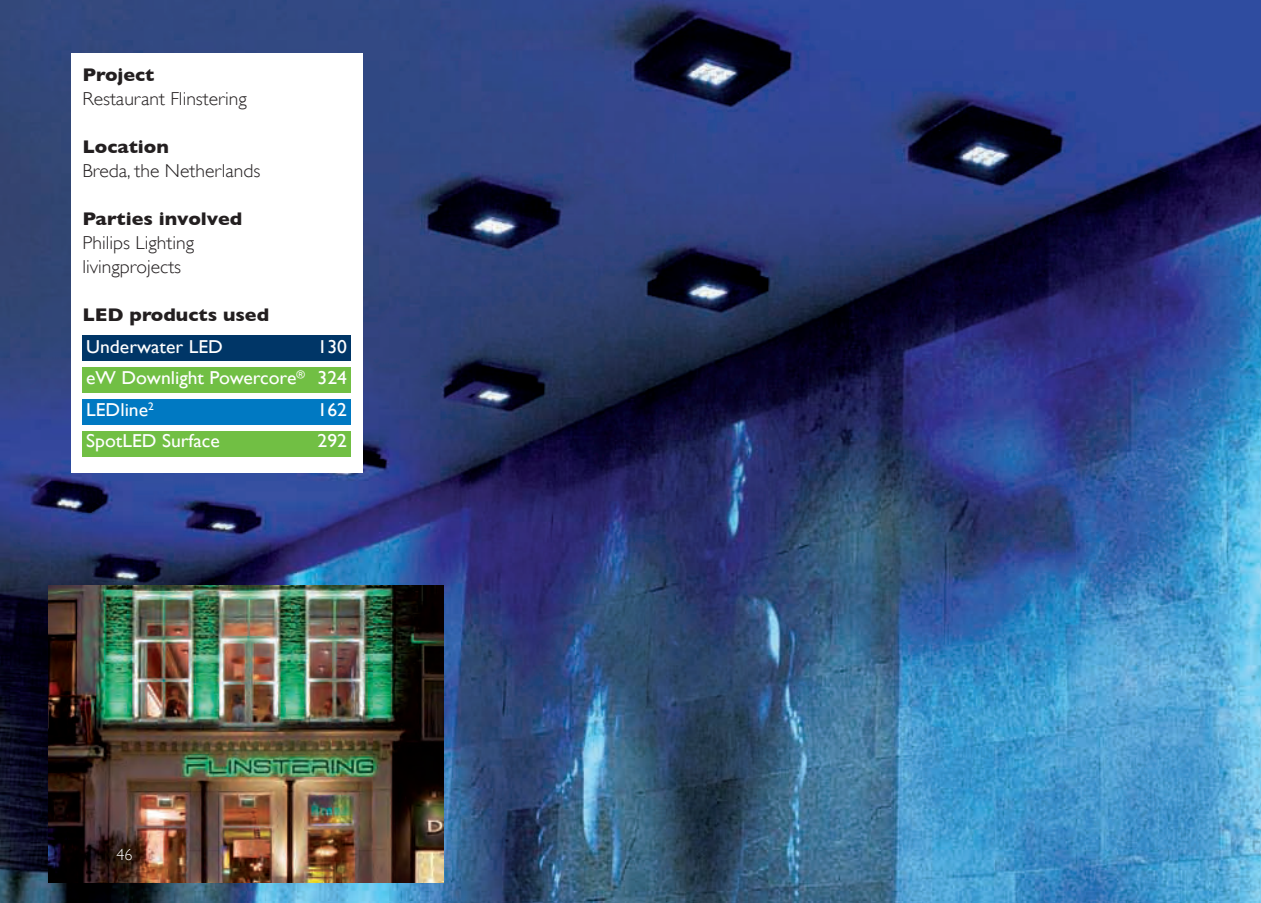
Breda, the Netherlands

Parties involved

Philips Lighting
livingprojects

LED products used

Underwater LED	130
eW Downlight Powercore®	324
LEDline²	162
SpotLED Surface	292





Project

Hilfiger Denim

Location

New York, USA

Parties involved

Philips Lighting
Lighting Design: Reed Barrow
Installation & Programming:
Encore Lighting

LED products used

iColour Accent Powercore® 176

Data Enabler Pro 520

Video System Manager 520



Project

Gilt

Location

New York, USA

Parties involved

Philips Lighting
Studio James Long

LED products used

iColor Cove MX Powercore® 226

Project

Gran Meliá Palacio de Isora hotel

Location

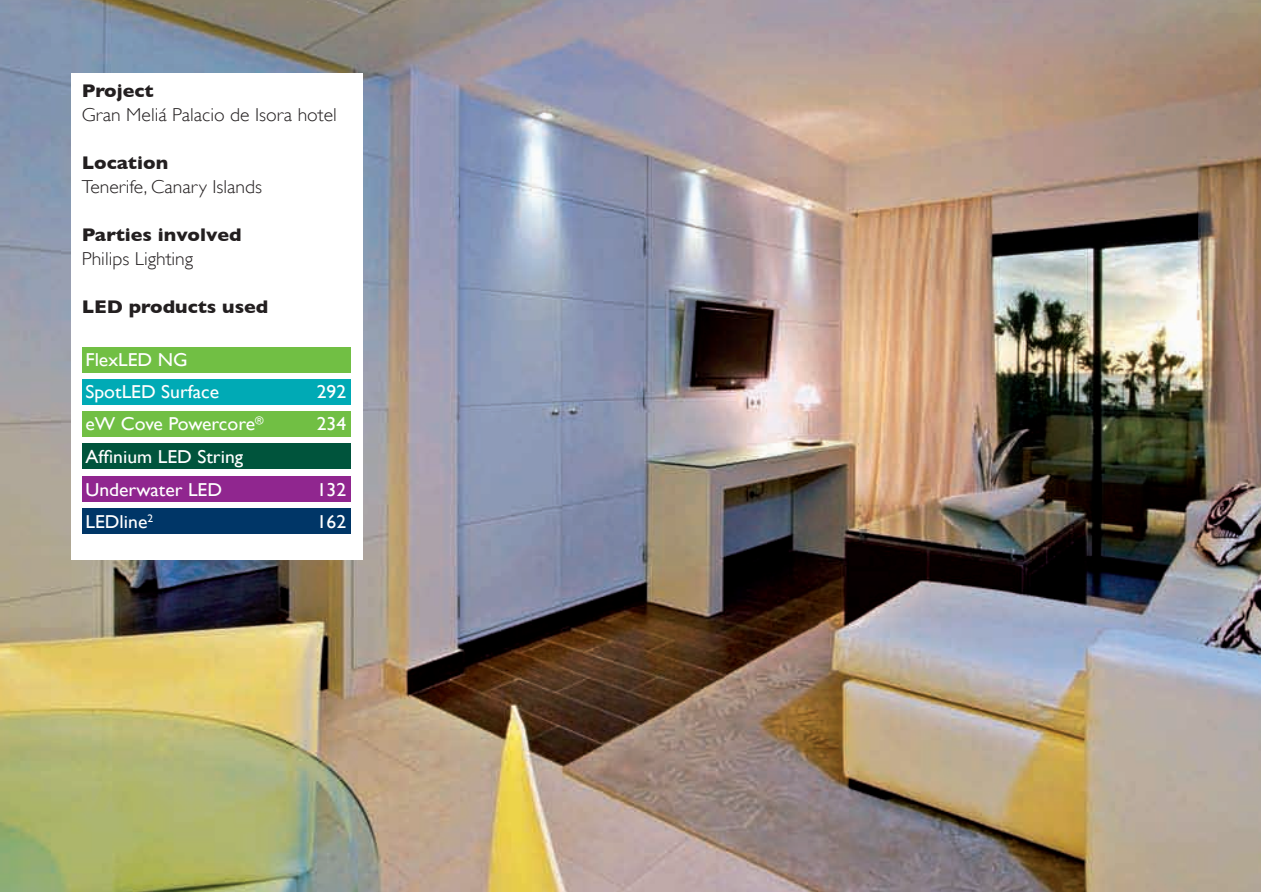
Tenerife, Canary Islands

Parties involved

Philips Lighting

LED products used

FlexLED NG	
SpotLED Surface	292
eW Cove Powercore®	234
Affinium LED String	
Underwater LED	132
LEDline²	162

**Project**

Victoria Square shopping and leisure centre

Location

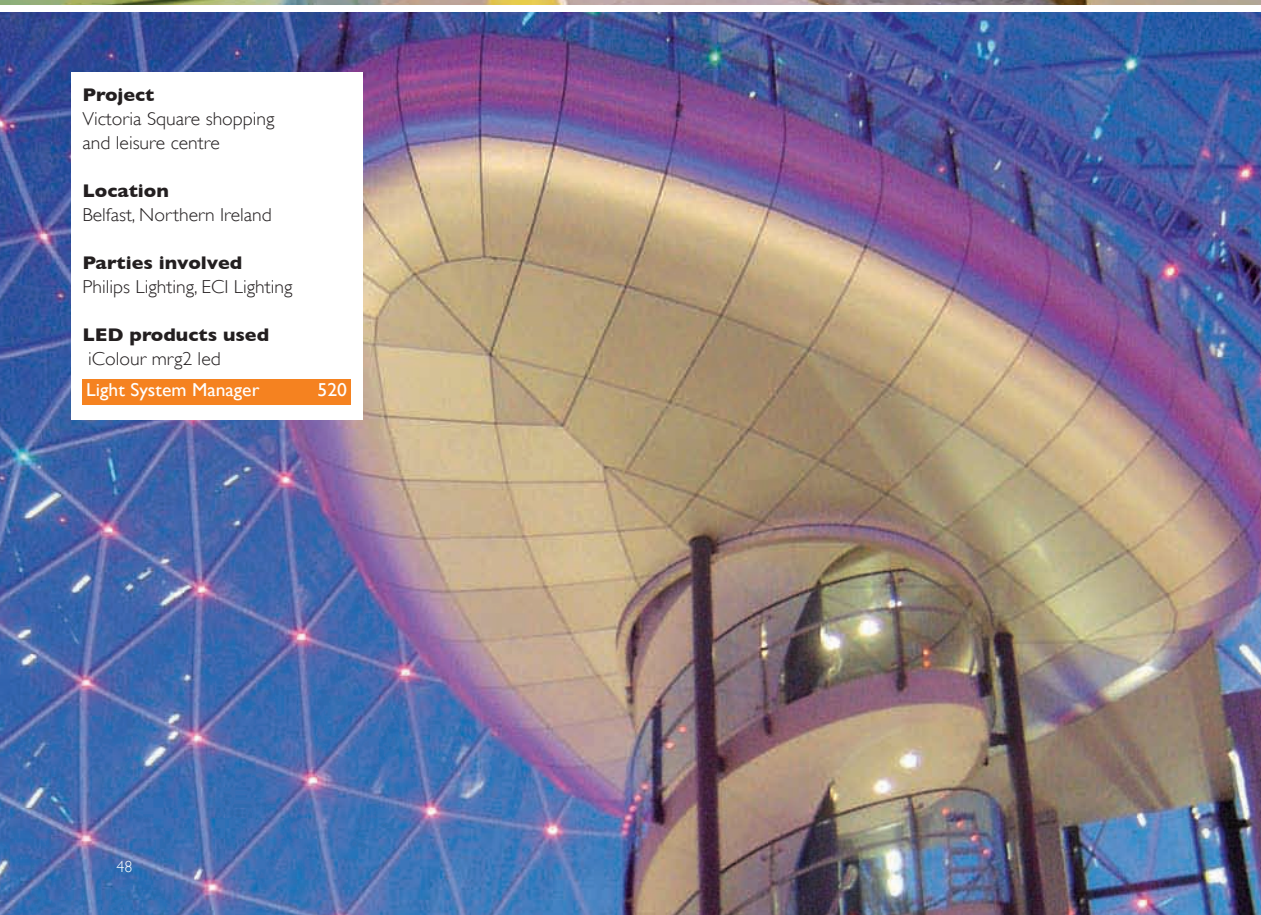
Belfast, Northern Ireland

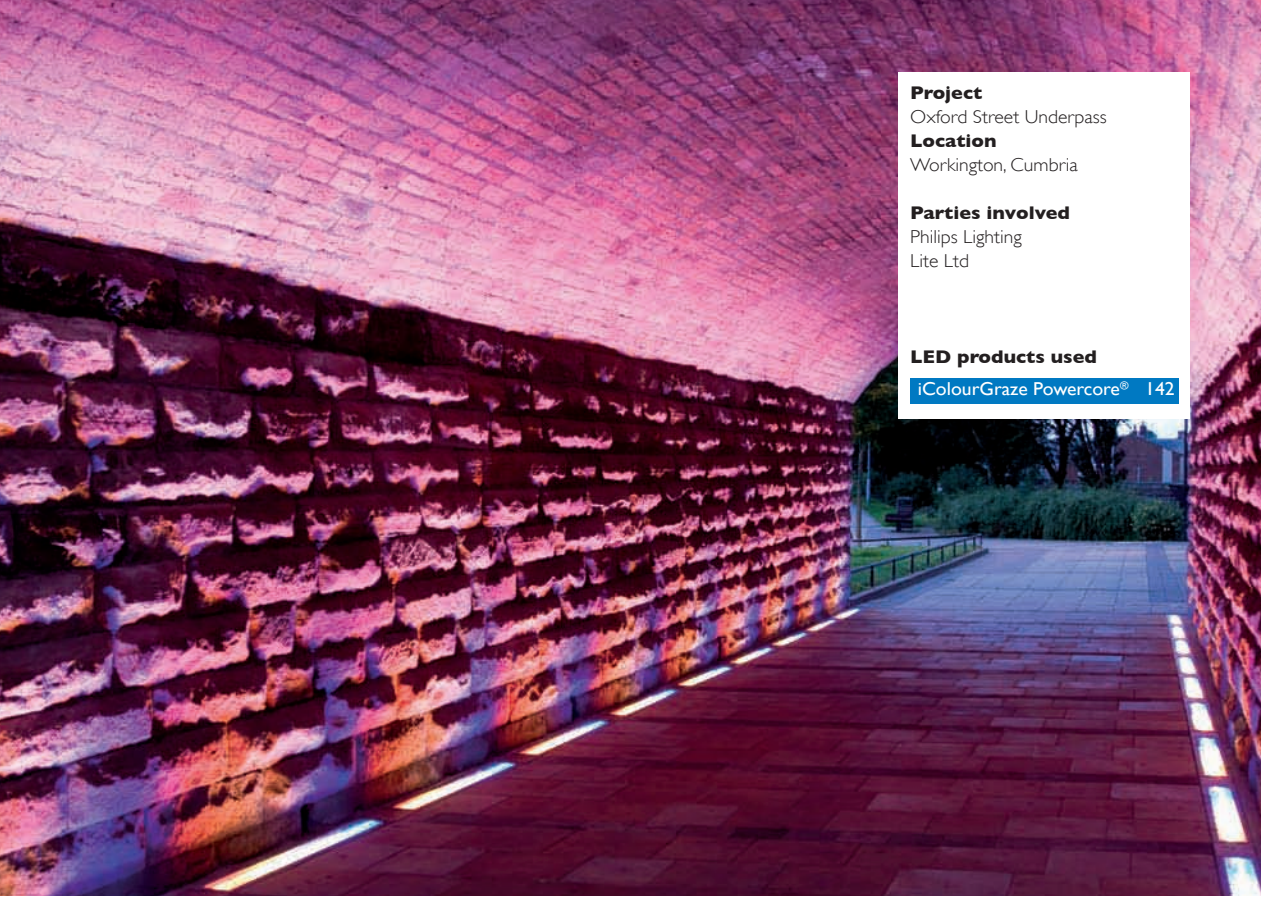
Parties involved

Philips Lighting, ECI Lighting

LED products used

iColour mrg2 led	
Light System Manager	520





Project

Oxford Street Underpass

Location

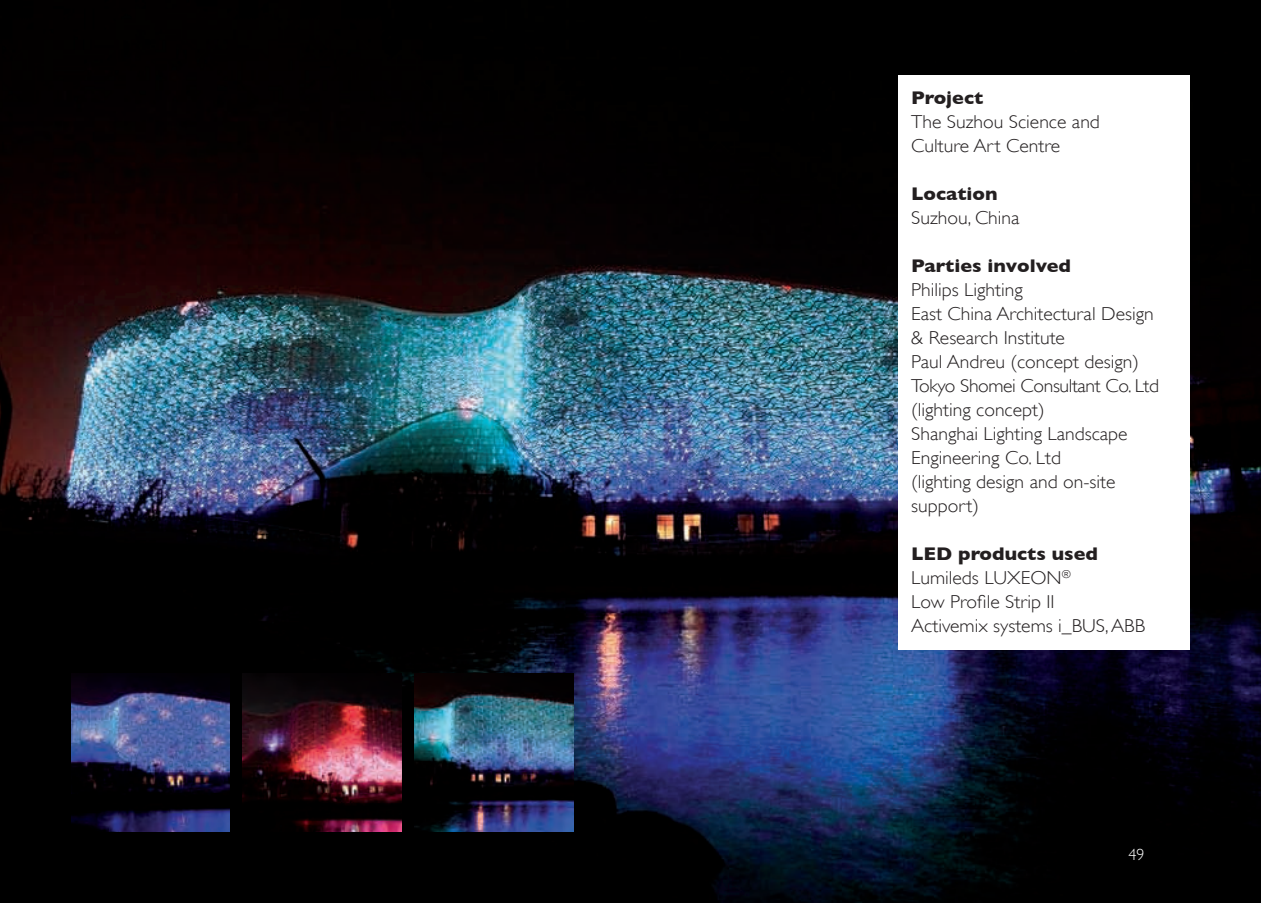
Workington, Cumbria

Parties involved

Philips Lighting
Lite Ltd

LED products used

iColourGraze Powercore® 142



Project

The Suzhou Science and
Culture Art Centre

Location

Suzhou, China

Parties involved

Philips Lighting
East China Architectural Design
& Research Institute
Paul Andreu (concept design)
Tokyo Shomei Consultant Co. Ltd
(lighting concept)
Shanghai Lighting Landscape
Engineering Co. Ltd
(lighting design and on-site
support)

LED products used

Lumileds LUXEON®
Low Profile Strip II
Activemix systems i_BUS, ABB

Project

Bullring shopping centre

Location

Birmingham, UK

Parties involved

Philips Lighting, Weblight,
Mitie, Architainment

LED products used

eW Cove Powercore® 234

CityWing

iColor Cove QLX 222

ColorBlast 12 Powercore® 76

**Project**

National Theatre, London

Project

London, UK

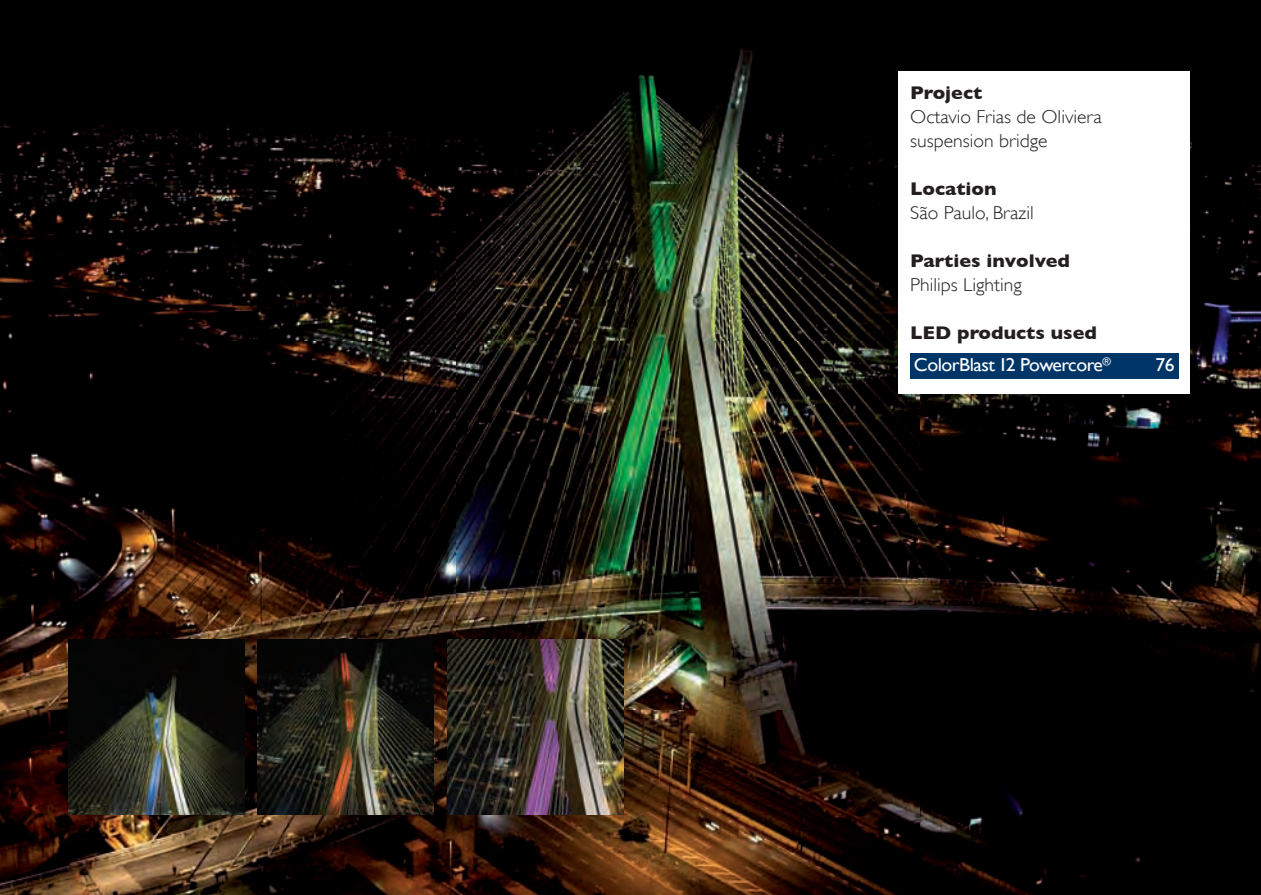
Parties involved

Philips Lighting

LED products used

LEDline² 162





Project

Octavio Frias de Oliveira
suspension bridge

Location

São Paulo, Brazil

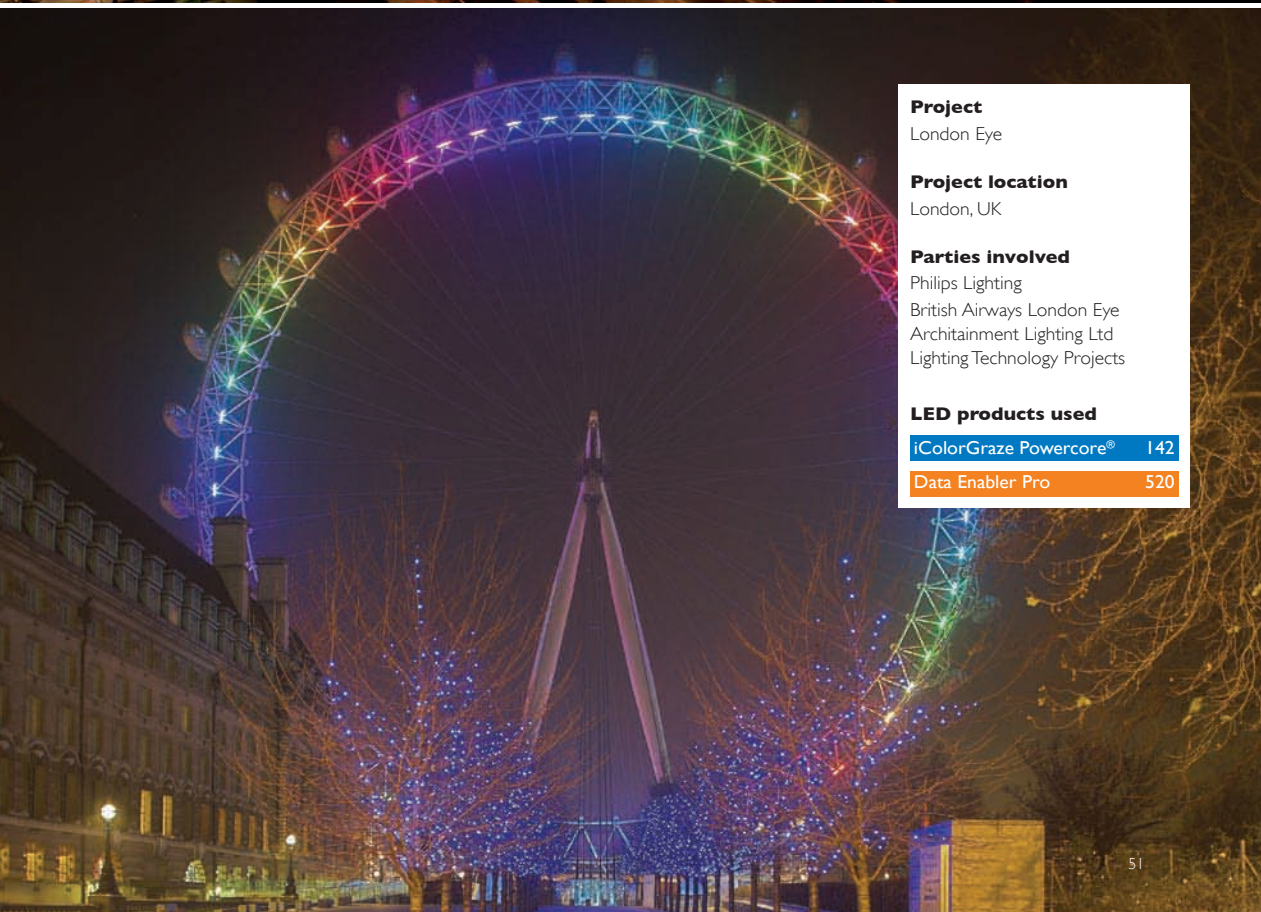
Parties involved

Philips Lighting

LED products used

ColorBlast I2 Powercore®

76



Project

London Eye

Project location

London, UK

Parties involved

Philips Lighting
British Airways London Eye
Architainment Lighting Ltd
Lighting Technology Projects

LED products used

iColorGraze Powercore®

142

Data Enabler Pro

520

Be informed

In this part of the book you will find detailed descriptions of the LED sources, luminaires and controls that enable such freedom and creativity in lighting. For each product, the specific characteristics and related benefits are given in an easy-to-access manner. In this way, you can identify the optimum solution for applications ranging from indoor and outdoor to functional, decorative, general or accent lighting.

Philips Core Technologies

Philips combines LED sources with proprietary technologies to deliver completely integrated solutions that adapt to existing lighting environments. We enable applications that range from extraordinary feats of digital control to common, functional uses of light – all made simple and seamless to the end user. One needn't be an engineer or programmer to use solid-state lighting today.

Our lighting systems boast unique features made possible by a growing number of core technologies – all intended to reduce the cost and complexity of solid-state lighting control, operation and installation.

Chromacore® technology is fundamental to all of Philips' intelligent LED lighting systems. It broke ground in 1997 as an unprecedented means for adding intelligence, such as a microprocessor coupled with network addressability and/or user interface, to LED illumination devices. It makes colour-changing effects and variable colour temperature possible, among other feats.

Chromasic® is a custom-designed microchip that integrates digital LED control and communication technology in a single silicon chip. The device can be used in numerous system configurations and creates whole new possibilities for both small and large-scale installations, even those that comprise many thousands of individual light nodes – each now equipped with the intelligence to be automatically addressed and controlled.

Ledino® Imagine a pure light that looks and feels gentle and welcoming. Imagine revolutionary lighting design so minimalist and versatile that you can use it in the home, hotel, office or atrium, both indoors and out.

Reaching across a range of applications from domestic to professional, Ledino is a light with a minimalist essence that defies traditional boundaries, creating light and lightforms of inspiring purity and beauty.

The performance and quality of the functional is highlighted with up to 80% energy saving over tungsten halogen sources, and 20 year lifetimes, combined in many cases with dimmable control.

Ledino appears alongside our other ranges throughout this catalogue, and although you will see in these inclusions fewer technical details when we feature Ledino, we believe that it is the luminaires themselves which should be inspirational...

Powercore® is a digital power processing technology that increases efficiency, lowers the overall cost and eases installation of solid-state lighting systems by integrating power and data management within the fixture itself. It uniquely controls power output to LED-based systems directly from line voltage, eliminating the need for an external power supply and thereby simplifying installation.

DIMand™ technology allows LED lighting devices to interpret standard dimming signals, essentially allowing the dimmer to become a control interface to the device. It makes certain of Philips' fixtures and lamps compatible with standard dimmers for ease of use.

Optibin® is an advanced proprietary production binning optimization process that assures consistent light output from one fixture or lamp to the next. It minimizes the effects of the inherent variance and inconsistency of the "bins" delivered by LED manufacturers to achieve optimal colour consistency in Philips' products.



In part or together, these technologies make it simple for our customers to adopt solid-state lighting today while providing a springboard to applications of the future.

As the global lighting leader, Philips understands the complexities, technical challenges, standards and compliance demands that are critical to the development of LED lighting solutions, whether for colour or white light. These factors far surpass the enclosure of LEDs on a circuit board.

Philips delivers:

- _Unrivalled expertise – backed by a multi-million dollar investment in R&D and over 17,000 LED lighting installations realised worldwide
- _A market-proven system infrastructure spanning technology, power and control that's progressively becoming an industry standard for LED illumination
- _Diverse product lines that range from simple single-colour lamps to advanced systems with digital control
- _Technology know-how encompassing hardware, software, binning, optics, high-efficiency LED drivers, advanced power components and thermal management
- _Complete adherence to regulatory and compliance standards for safety, emissions, hazardous substances, electrical codes and more
- _Extensive validation and environmental testing using third-party facilities to ensure product quality
- _World-class customer service and technical support around the globe



ILTI LUCE

Philips ILTI LUCE is a high end Italian based lighting company recently acquired by Philips. ILTI LUCE is one of the leading LED luminaire companies in Europe for architectural indoor lighting.



All products are of the highest handcrafted Italian quality and are developed and manufactured in Turin, Italy.

For more information and products please visit:

www.philips.co.uk/iltiluce

or contact your local Philips representative.

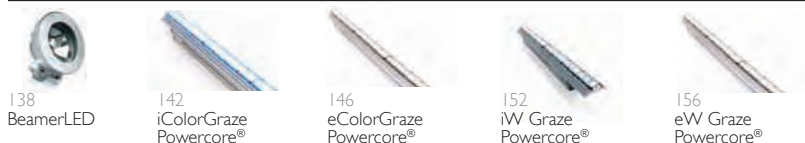




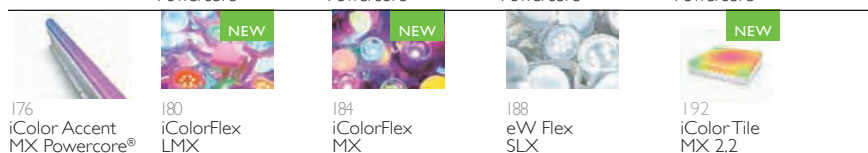
Flood & Underwater



Wall washing / Grazing



Direct view



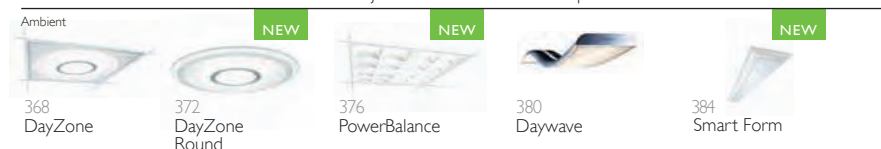
Contour / Cove lighting



Downlights & projectors



Ambient



Guidance

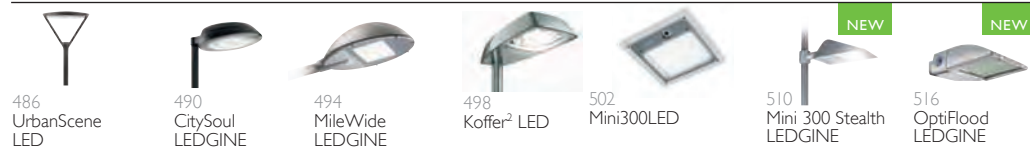
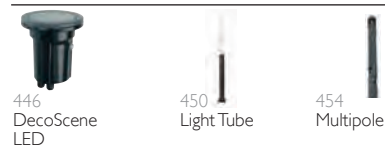
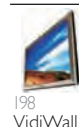
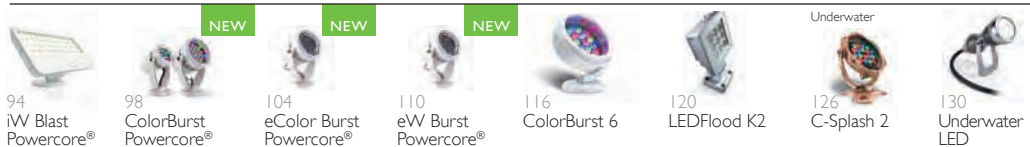


Urban & architectural



Controls





Trade LED Solutions 412

Indoor lighting downlighters
- Zadora MASTER
LEDspot Kit
- Latina LED
- TurnRound

Indoor and outdoor lighting
- Pacific with LED tube
- SecuriPack LED
- Gondola LED

Outdoor lighting
- Vivara LED
- Vaya flood LED

Flood & Underwater

Flood



64
ColorReach
Powercore®



68
iW Reach
Powercore®



72
eW Reach
Powercore®



76
ColorBlast
Powercore®



80
ColorBlast 12



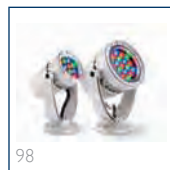
86
eColor Blast
Powercore®



90
eW Blast
Powercore®



94
iW Blast
Powercore®



98
ColorBurst
Powercore®



106
eColor Burst
Powercore®



112
eW Burst
Powercore®



118
ColorBurst 6



122
LED Flood K2



128
C-Splash 2



132
Underwater
LED

Underwater

ColorReach Powercore®

- _Architectural floodlight
- _Illumination of large architectural façades
- _Enhancing & details, bridges, tower blocks, public monuments and themed attractions
- _Highest available illuminance up to 500ft
- _6 Different lens options
- _Each half is addressable with dual lens options
- _Philips Core Technologies used:

Powercore® technology – Power and data combined, eliminating the need for an external power supply

Chromacore® – An unprecedented means for adding intelligence to LED illumination devices

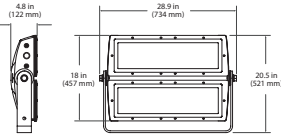
Optibin® – Production process that ensures light output and colour consistency





ColorReach Powercore®

Standard features



Type

Light source

Light colour

Power consumption

Power/data supply

Driver

Optic

Controls

Material and finishing

Colour

Installation

Operating temp.

Rotation:

Connection:

Lifetime

Accessories

Main applications

Classification code

DCP770

104 x LED-HB

Tri-colour: red, green, blue (RGB)

290W

Not integrated, data enabler to be ordered separately

100-240V AC / 50-60Hz

5° (standard), 8°, 13°, 23°, 43°, 63°, 5° x 17°

Philips full line DXM controllers, including Light System Manager, iPlayer3 or other DMX control sources

Housing: die-cast aluminium, powder-coat finish

Lens: tempered glass

Dark grey

Fixation with bracket on surface

-40°C < Ta < +50°C

360°

Integral male / female waterproof connector; 1.8m leader cable

68,000 hours, 50% lumen maintenance at Ta = 50°C

Spread lenses with bezel

Leader cable 1.8m

Flood lighting skyscrapers, monuments, bridges



Project:
_Millenium Gateshead Bridge, UK
Photography:
_Phil Grieveson, FBIPP

Product Selection

ColorReach Powercore® 104 x LED – DCP770 (6ft Leader Cable included)	Light Colour RGB	Housing Dark grey	Beam (°) 5	Weight (kg) 34	Power (w) 290	Order Code 70156800
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System Components

Data Enabler	Product	Order Code
	Data Enabler Pro	88324099

Controls

(See page 524 for
full list of controls)

Product

Product	Order Code
i-Player3	70058599
ColourChaser Touch	80896300
Light System Manager	71442500
iW Scene Controller	71178399
(Other third party DMX controllers will work with this product)	

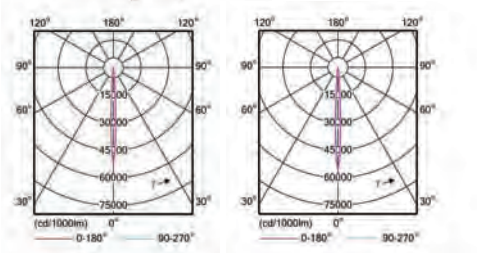
I lens (per pack)

Product	Degree (°)	Order Code
Spread Lens	8	70170400
Spread Lens	13	70165000
Spread Lens	23	70166700
Spread Lens	43	70167400
Spread Lens	63	70168100
Asymmetric Lens	5 x 17	70169800

Polar Intensity Diagram (For further Photometric data please contact our technical department)

ColorReach Powercore®
RGB104 x LED 5°
2 x Half Fixtures DCP770
Lamp: 1 x 104 LEDs
Luminaire Lumens: 1 x 521 l

ColorReach Powercore®
RGB 52 x LED 5°
1 x Half Fixture DCP770
Lamp: 1 x 52 LEDs
Luminaire Lumens: 1 x 2622



iW Reach Powercore®

- _Architectural Floodlight
- _Illumination of large architectural facades
- _Enhancing & details, bridges, tower blocks, public monuments and themed attractions
- _Highest available illuminance up to 800ft
- _IntelliWhite series featuring colour temperature control from 3000-6500K
- _6 Different lens options
- _Each half is addressable with dual lens options
- _Philips Core Technologies used:
 - Powercore®** technology - Power and data combined, eliminating the need for an external power supply
 - Chromacore®** - An unprecedented means for adding intelligence to LED illumination devices
 - Optibin®** - Production process that ensures light output and colour consistency



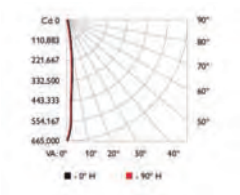


System Components

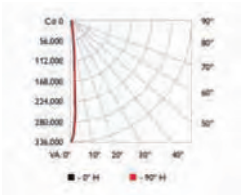
Data Enabler	Product Data enabler	Order Code 88013300																					
Controls	Product iW Scene Controller	Order Code 71178399																					
Cable	Product Spare Leader Cable	Order Code 70163699																					
I lens	<table> <tr> <th>Product</th><th>Degree (°)</th><th>Order Code</th></tr> <tr> <td>Spread Lens</td><td>8</td><td>70170400</td></tr> <tr> <td>Spread Lens</td><td>13</td><td>70165000</td></tr> <tr> <td>Spread Lens</td><td>23</td><td>70166700</td></tr> <tr> <td>Spread Lens</td><td>43</td><td>70167400</td></tr> <tr> <td>Spread Lens</td><td>63</td><td>70168100</td></tr> <tr> <td>Asymmetric Lens</td><td>5 x 17</td><td>70169800</td></tr> </table>	Product	Degree (°)	Order Code	Spread Lens	8	70170400	Spread Lens	13	70165000	Spread Lens	23	70166700	Spread Lens	43	70167400	Spread Lens	63	70168100	Asymmetric Lens	5 x 17	70169800	
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Spread Lens	63	70168100																					
Asymmetric Lens	5 x 17	70169800																					

Polar Intensity Diagram (For further Photometric data please contact our technical department)

iW Reach Powercore®
Luminaire Lumens: 10950 lm



iW Reach Powercore®
Luminaire Lumens: 5006 lm



eW Reach Powercore®

- _Architectural Floodlight
- _Illumination of large architectural facades
- _Enhancing & details, bridges, tower blocks, public monuments and themed attractions
- _Highest available illuminance up to 800ft
- _Choice of three colour temperatures, 2700K, 4000K & 6500K
- _6 Different lens options
- _Each half is addressable with dual lens options
- _Philips Core Technologies used:

Powercore® technology - Power and data combined, eliminating the need for an external power supply

Chromacore® - An unprecedented means for adding intelligence to LED illumination devices

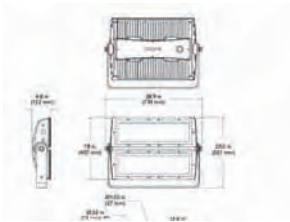
Optibin® - Production process that ensures light output and colour consistency





eW Reach Powercore®

Standard features



Type	DCP771
Light source	104 x LED-HB
Light colour	Warm White 2700k, Cool White 4000k
Power consumption	250W
Power/data supply	Not integrated, data enabler to be ordered separately
Driver	100-240V AC / 50-60Hz
Optic	5° (standard), 8°, 13°, 23°, 43°, 63°, 5° x 17°
Controls	Philips full line DXM controllers, including Light System Manager; iPlayer3 or other DMX control sources
Material and finishing	Housing: die-cast aluminium, powder-coat finish Lens: tempered glass
Colour	Dark grey
Installation	Fixation with bracket on surface
Operating temp.	-40°C < Ta < +50°C
Rotation:	360°
Connection:	Integral male / female waterproof connector; 1.8m leader cable included
Lifetime	68,000 hours, 50% lumen maintenance at Ta = 50°C
Accessories	Spread lenses with bezel Leader cable 1.8m
Main applications	Flood lighting skyscrapers, monuments, bridges
Remarks	This is a made to order product
Classification	    

Product Selection

eW Reach Powercore®



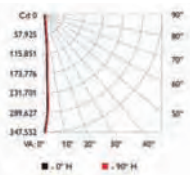
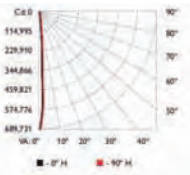
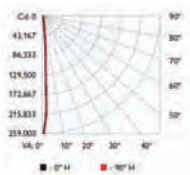
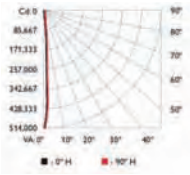
Light Colour	Lumens	Beam	Weight	Efficacy	CRI	Order Code
		(°)	(kg)	(lm/W)		
2700k	8612 (no spread lens, full unit)	5	34	34.4	83.1	70186500
4000k	11392 (no spread lens, full unit)	5	34	45.6	80	70187200

System Components

Data Enabler <i>(needed for CE certification)</i>	Product Data Enabler Pro	Order Code 88324099																					
Cable	Product Spare Leader Cable	Order Code 70190200																					
I lens	<table> <tr> <th>Product</th><th>Degree (°)</th><th>Order Code</th></tr> <tr> <td>Spread Lens</td><td>8</td><td>70170400</td></tr> <tr> <td>Spread Lens</td><td>13</td><td>70165000</td></tr> <tr> <td>Spread Lens</td><td>23</td><td>70166700</td></tr> <tr> <td>Spread Lens</td><td>43</td><td>70167400</td></tr> <tr> <td>Spread Lens</td><td>63</td><td>70168100</td></tr> <tr> <td>Asymmetric Lens</td><td>5 x 17</td><td>70169800</td></tr> </table>	Product	Degree (°)	Order Code	Spread Lens	8	70170400	Spread Lens	13	70165000	Spread Lens	23	70166700	Spread Lens	43	70167400	Spread Lens	63	70168100	Asymmetric Lens	5 x 17	70169800	
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Asymmetric Lens	5 x 17	70169800																					

Polar Intensity Diagram (For further Photometric data please contact our technical department)

eW Reach Powercore® 2700K without spread lens, full unit Luminaire Lumens: 8.612 lm	eW Reach Powercore® 2700K without spread lens, half unit Luminaire Lumens: 4.255 lm	eW Reach Powercore® 4000K without spread lens, full unit Luminaire Lumens: 11.392 lm	eW Reach Powercore® 4000K without spread lens, half unit Luminaire Lumens: 5.668 lm
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ColorBlast Powercore®

- _Wide range of wall-washing effects with rich, saturated colours
- _Ease and flexibility of installation
- _Operational efficiency and outstanding control
- _Robust construction for indoor and outdoor applications
- _Energy efficient
- _Environmentally sound: no toxic metals used
- _Long operating life
- _Philips Core Technologies used:

Powercore® technology – Power and data combined, eliminating the need for an external power supply

Optibin® – Production process that ensures light output and colour consistency

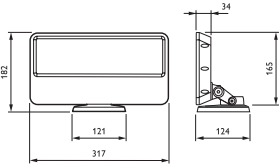




Project:
_Hard Rock Cafe
Biloxi, USA

ColorBlast Powercore®

Standard features



Type

Light source

36 x LED-HB

Light colour

Red, green, blue (RGB)

Power supply

100-240V AC / 50-60Hz

Power consumption

Max 50W

Optic

Narrow beam angle 10° (clear lens)
Medium beam angle 23° (frosted lens)

Controls

Compatible with full line of Philips DMX controllers

Materials and finishing

Housing: die-cast aluminium
Cover: tempered glass, clear or soft-focus

Colour

Black (BK) or white (WH)

Installation

Surface mounting
Starting temperature: -20°C < Ta < 50°C
Operating temperature: -40°C < Ta < 50°C
Locking base swivel: after-installation rotation up to 350° rotation
Locking fixture rotation: 110°

Lifetime

50,000 hours at 50°C (complies with IES LM-79-08)

Remarks

Data enabler; controls equipment and cables to be ordered separately

Main applications

Architectural outdoor (floodlighting) and indoor

Classification code



Product Selection

ColorBlast 12 Powercore® – BCP470



Light Colour	Housing	Beam (°)	Weight (kg)	Power (w)	Order Code
 RGB	○ White	10	3	50	79102699
		23	3	50	79100299
	● Black	10	3	50	79103399
		23	3	50	79101999

System Components

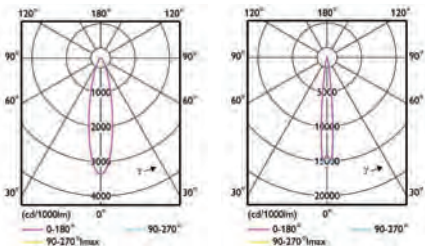
Data Enabler	Product	Order Code
	Data Enabler Pro	88324099

Controls	Product	Order Code
(See page 524 for full list of controls)	i-Player3	70058599
	ColourChaser Touch	80896300
	Light System Manager	71442500
	Video System Manager	71443200
	(Other third party DMX controllers will work with this product)	

Polar Intensity Diagram (For further Photometric data please contact our technical department)

ColorBlast 12 Powercore®
 RGB 23° Narrow beam
 BCP470
 Lamp: 1 x 36 LEDs
 Luminaire Lumens: 1 x 633

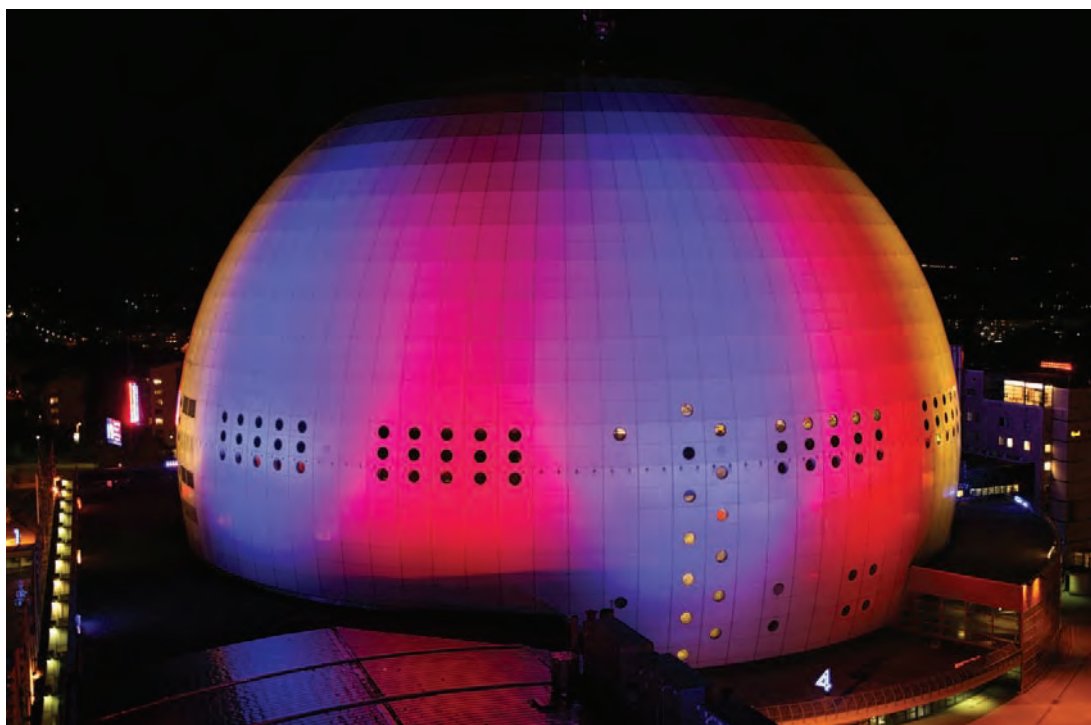
ColorBlast 12 Powercore®
 RGB 10° Narrow beam
 BCP470
 Lamp: 1 x 36 LEDs
 Luminaire Lumens: 1 x 725



ColorBlast 12

- _Wide range of wall-washing effects with rich, saturated colours
- _Ease and flexibility of installation
- _Operational efficiency and outstanding control
- _Robust construction for indoor and outdoor applications
- _Energy efficient
- _Environmentally sound: no toxic metals used
- _Long operating life
- _Philips Core Technologies used:
Optibin® – Production process that ensures light output and colour consistency



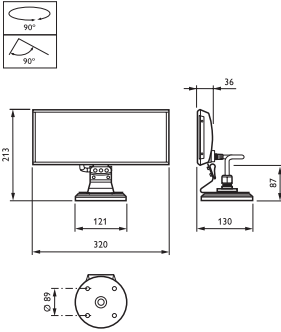


Project (top):
_The Alamo, USA

Project (bottom):
_Globen, Gerhard Rehm
Photography:
_Honer Akrawi

ColorBlast 12

Standard features



Type	BCP461
Light source	36 x LED-HB
Light colour	Red, green, blue (RGB)
Power supply	24V DC
Power consumption	Max 50W
Optic	Narrow beam angle 10° Medium beam angle 23°
Controls	Compatible with full line of Philips DMX controllers
Materials and finishing	Housing: die-cast aluminium Cover: tempered glass, clear or soft-focus
Colour	Black (BK) or white (WH)
Installation	Surface mounting Starting temperature: $-20^{\circ}\text{C} < T_a < 50^{\circ}\text{C}$ Operating temperature: $-40^{\circ}\text{C} < T_a < 50^{\circ}\text{C}$ Locking base swivel: after-installation rotation up to 350° rotation Locking fixture rotation: 110°
Lifetime	50,000 hours at 50°C (complies with IES LM-79-08)
Remarks	Power/data supply enabler; controls equipment and cables to be ordered separately
Main applications	Architectural outdoor (floodlighting) and indoor
Classification code	IP 66

Product Selection

ColorBlast 12 – BCP461	Light Colour	Housing	Beam (°)	Weight (kg)	Power (w)	Order Code
		○ White	10	3.5	50	88034899
			23	3.5	50	88032499
		● Black	10	3.5	50	88035599
			23	3.5	50	88033199

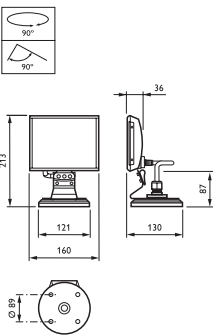
System Components *(For both ColorBlast 12 and 6)*

Power Supplies	Product	Description	Order Code
	PDS-60 24V	Runs 1 x ColorBlast 12 & 2 x ColorBlast 6	71085499
	PDS-60 24V DMX/Ethernet	Runs 1 x ColorBlast 12 & 2 x ColorBlast 6	71086199
	PDS-150e	Runs 3 x ColorBlast 12 & 6 x ColorBlast 6	71081699

Controls	Product	Order Code
<i>(See page 524 for full list of controls)</i>	i-Player3	70058599
	ColourChaser Touch	80896300
	Light System Manager	71442500
	<i>(Other third party DMX controllers will work with this product)</i>	

ColorBlast 6

Standard features	Type	BCP460
	Light source	18 x LED-HB
	Light colour	Red, green, blue (RGB)
	Power supply	24V DC
	Power consumption	Max 25W
	Optic	Narrow beam angle 10° Medium beam angle 23°
	Controls	Compatible with full line of Philips DMX controllers
	Materials and finishing	Housing: die-cast aluminium Cover: tempered glass
	Colour	Black (BK) or white (WH)
	Installation	Surface mounting Starting temperature: -20°C < Ta < 50°C Operating temperature: -40°C < Ta < 50°C Locking base swivel: after-installation rotation up to 350° rotation Locking fixture rotation: 110°
	Lifetime	50,000 hours at 50°C (complies with IES LM-79-08)
	Remarks	Power/data supply enabler; controls equipment and cables to be ordered separately.
	Main applications	Architectural outdoor (accentlighting) and indoor
	Classification code	IP66 CE



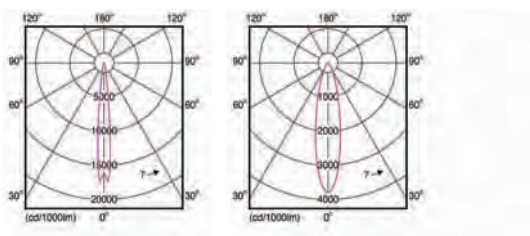
Product Selection

ColorBlast 6 – BCP460	Light Colour	Housing	Beam (°)	Weight (kg)	Power (w)	Order Code
		○ White	10	2.95	25	88038699
			23	2.95	25	88036299
		● Black	10	2.95	25	88039399
			23	2.95	25	88037999

Polar Intensity Diagram

ColorBlast 6
RGB 12° BCP460
Lamp: 1 x 18 LEDs
Luminaire Lumens: 1 x 342

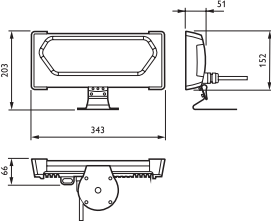
ColorBlast 6
RGB 22° BCP460
Lamp: 1 x 18 LEDs
Luminaire Lumens: 1 x 300



For further information call 01483 293 258

ColorBlast 12 TR

Standard features



Type	BCS462
Light source	36 x LED-HB
Light colour	Red, green, blue (RGB)
Power supply	24V
Power consumption	Max 50W
Optic	Narrow beam angle 10° Medium beam angle 23°
Controls	Compatible with full line of Philips DMX controllers
Materials and finishing	Housing: die-cast aluminium Cover: tempered glass, clear or soft-focus
Colour	Black (BK)
Installation	Surface mounting Starting temperature: -20°C < Ta < 50°C Operating temperature: -40°C < Ta < 50°C Locking base swivel: after-installation rotation up to 350° rotation
Lifetime	50,000 hours at 50°C (complies with IES LM-79-08)
Remarks	Data enabler; controls equipment and cables to be ordered separately
Main applications	Architectural outdoor (floodlighting) and indoor
Classification code	IP66 CE

Product Selection

ColorBlast 12 TR –	Light Colour	Housing	Beam (°)	Weight (kg)	Power (w)	Order Code
	RGB	Black	10/23	3.8	50	70182799

System Components

Power Supplies	Product	Description	Order Code
	PDS-750 TR	Runs 12 x ColorBlast 12 TR	
Controls	Product		Order Code
(See page 524 for full list of controls)	i-Player3		70058599
	ColourChaser Touch		80896300
	Light System Manager		71442500
	(Other third party DMX controllers will work with this product)		



eColor Blast Powercore®

- _Outdoor floodlight suitable for architectural features, lighting signage and retail spaces
- _High-intensity wall-washing capabilities of rich, saturated colours
- _Significantly lower power drawn than other comparable non-LED fixtures
- _A choice of beam angles and lens options available for soft-edge beam or extended light projection
- _Philips Core Technologies used:

Powercore® technology – Power and data combined, eliminating the need for an external power supply

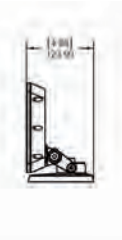
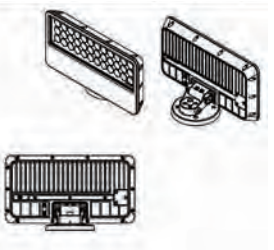
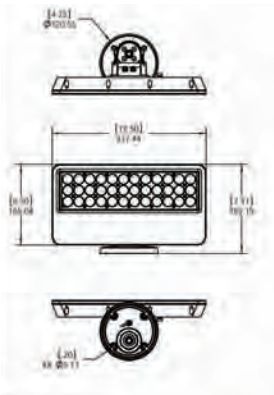
Chromacore® – An unprecedented means for adding intelligence to LED illumination devices

Optibin® – Production process that ensures light output and colour consistency





Standard features



Type	BCP471
Light source	High Brightness LED
Number of LED's	36
Lumen package	1000 lumens (estimated, varies with color)
Light colour	Blue, Green, Red, or Amber
Inrush current	.63A (@ 240VAC/50Hz)
Optic	Narrow Beam (10°)
Optical cover	Tempered Glass Lens
Material	Powder-coated Aluminum
Colour	White or Black
Lifetime	70,000 hrs to L70 (30% lumen depreciation) @ 25°C
Classification codes	IP66  

Product Selection

eColor Blast Powercore® - BCP471	Light Colour	Housing	Beam	Weight (kg)	Power (W)	Order code
● Amber		White	10	3.00	50	88297799
		Black	10	3.00	50	88298499
		White	21	3.00	50	88295399
		Black	21	3.00	50	88296099
● Blue		White	10	3.00	50	88289299
		Black	10	3.00	50	88290899
		White	21	3.00	50	88287899
		Black	21	3.00	50	88288599
● Green		White	10	3.00	50	88293999
		Black	10	3.00	50	88294699
		White	21	3.00	50	88291599
		Black	21	3.00	50	88292299
● Red		White	10	3.00	50	88301199
		Black	10	3.00	50	88302899
		White	21	3.00	50	88299199
		Black	21	3.00	50	88300499



eW Blast Powercore®

- _High-intensity wash of neutral or warm white light
- _Significantly lower power draw than comparable non-LED fixtures
- _A frosted glass lens for a soft-edge beam and a clear lens for extended light projection
- _Application areas - architectural features, general site illumination, and lighting signage and retail spaces

Powercore® technology - Power and data combined, eliminating the need for an external power supply

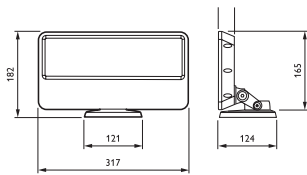
Chromacore® - An unprecedented means for adding intelligence to LED illumination devices

Optibin® - Production process that ensures light output and colour consistency





Standard features



Type

BCP471

Light source

36 X LED-HB

Light colour

Warm white, 2700 K (+/- 145)
Neutral white, 4000 K (+/- 275)

Optic

Narrow beam angle 10°
Medium beam angle 21°

**Material
and finishing**

Housing: die-cast aluminium
21° beam angle optic: soft focus, frosted polycarbonate
10° beam angle optic: clear polycarbonate

Colour

White or black powder-coated finish

Lifetime

70,000 hours, 70% lumen maintenance at Ta = 25degreeC

Classification codes



Product Selection

eW Blast Powercore® - BCP471



Light Colour	Housing	Beam	Weight (kg)	Power (W)	Order code
● Warm White (2700K)	White	10	3.00	50	88050899
● Warm White (2700K)	Black	10	3.00	50	88051599
● Warm White (2700K)	White	21	3.00	50	88048599
● Warm White (2700K)	Black	21	3.00	50	88049299
○ Neutral White (4000K)	White	10	3.00	50	88054699
○ Neutral White (4000K)	Black	10	3.00	50	88055399
○ Neutral White (4000K)	White	21	3.00	50	88052299
○ Neutral White (4000K)	Black	21	3.00	50	88053999

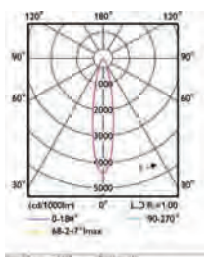
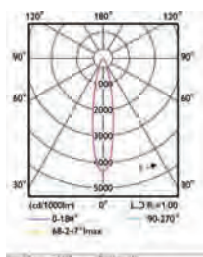
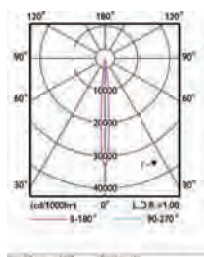
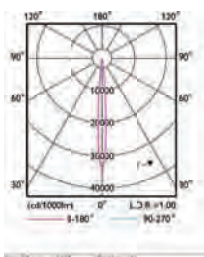
Polar Intensity Diagram (For further Photometric data please contact our technical department)

Luminaire : BCP471 36-LED-
HB/VVV-2700 10
Lampflux : 1 x 1990 lm
Measurement code : ITL64096
Measurement date : 2010-
03-23
Measurement status : Released
L.O.R. : 1.00

Luminaire : BCP471 36-LED-
HB/VVV-4000 10
Lampflux : 1 x 2390 lm
Measurement code : ITL64098
Measurement date : 2010-
03-23
Measurement status : Released
L.O.R. : 1.00

Luminaire : BCP471 36-LED-
HB/VVV-2700 21
Lampflux : 1 x 1786 lm
Measurement code : ITL64097
Measurement date : 2010-
03-23
Measurement status : Released
L.O.R. : 1.00

Luminaire : BCP471 36-LED-
HB/VVV-4000 21
Lampflux : 1 x 2141 lm
Measurement code : ITL64099
Measurement date : 2010-
03-23
Measurement status : Released
L.O.R. : 1.00



iW Blast Powercore®

- _Suitable for architectural detail, theatrical stage and studio lighting
- _IntelliWhite series featuring colour temperature control from 3000-6500K
- _Choice of beam angles from narrow and medium
- _Available in colour choice options
- _Philips Core Technologies used:

Powercore® technology – Power and data combined, eliminating the need for an external power supply

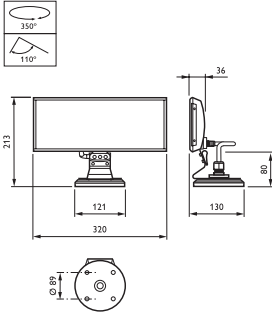
Chromacore® – An unprecedented means for adding intelligence to LED illumination devices

Optibin® – Production process that ensures light output and colour consistency





Standard features



Type

Light source

Light colour

Power supply

Power consumption

Optic

Controls

Materials and finishing

Housing

Installation

Lifetime

Remarks

Main applications

Classification code

BCP431

30 x LED-HB

White, tunable 3000-6500K

100-240V AC / 50-60Hz

50W at 110-240V AC (60W at 100V AC)

Narrow beam angle 18°

Medium beam angle 24°

Compatible with full line of Philips DMX controllers

Housing: die-cast aluminium

Cover: tempered glass

Black (BK) or white (WH)

Surface mounting

Starting temperature: $-20^{\circ}\text{C} < T_a < 50^{\circ}\text{C}$

Operating temperature: $-40^{\circ}\text{C} < T_a < 50^{\circ}\text{C}$

Locking base swivel: after-installation rotation up to 350° rotation

Locking fixture rotation: 110°

50,000 hours at 50°C (complies with IES LM-79-08)

Data enabler; controls equipment and cables to be ordered separately

Architectural outdoor (floodlighting) and indoor



Product Selection

iW Blast Powercore® – BCP431



Light Colour	Housing	Beam (°)	Weight (kg)	Power (w)	Order Code
○ White	○ White	18	3.6	50	71188299
	● Black	18	3.6	50	71189999
	○ White	24	3.6	50	71186899
	● Black	24	3.6	50	71187599

System Components

Data Enablers

Product

Order Code

Data Enabler Pro
iW Data Enabler

88324099
71179099

Controls

(See page 524 for
full list of controls)

Product

Order Code

iW Scene Controller

71178399

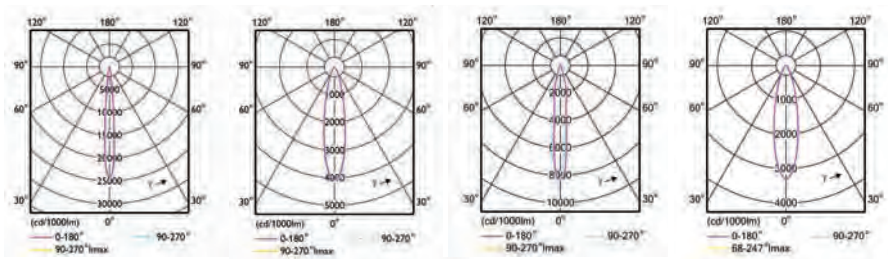
Polar Intensity Diagram

iW Blast 12.TR
3000-6500K Clear lens
10° Medium beam BCS422
Lamp: 1 x 36 white LEDs
Luminaire Lumens: 1 x 1679

iW Blast 12.TR
3000-6500K Frosted lens
23° Wide beam BCS422
Lamp: 1 x 36 white LEDs
Luminaire Lumens: 1 x 1469

iW Blast
10° BCP431
Lamp: 1 x 30 LEDs
Luminaire Lumens: 1 x 766

iW Blast
23° BCP431
Lamp: 1 x 30 white LEDs
Luminaire Lumens: 1 x 683



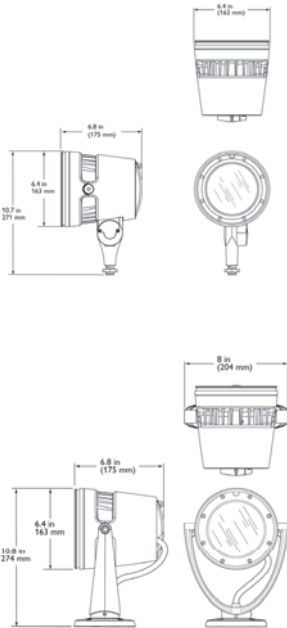
ColorBurst Powercore®

- _High output for Accent Lighting
 - _Flexible mounting options with Architectural and Landscape versions
 - _Burst Powercore fixtures can tilt through a full 180° and Architectural fixtures also rotate a full 360° for precise aiming
 - _User interchangeable optics
 - _Energy efficient
 - _Long operating lifetime
 - _Philips Core Technologies used:
- Powercore®** technology - Power and data combined, eliminating the need for an external power supply
- Optibin®**- Production process that ensures light output and colour consistency





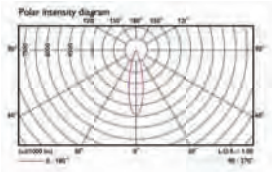
Standard features



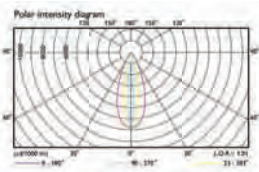
Type	BCP462
Light colour	Red, Green, Blue (RGB)
Power consumption	Max 30W
Light Source	19 x LED-HB
Lumen Package	647lm (8°) 571lm (14°) 558lm (23°) 552lm (41°) 584lm (10° x 41°)
Optic	14°, 23°, 41° and asymmetric 10° x 41° spread lenses Honeycomb louvre
Controls	Compatible with full line of Philips DMX controllers
Housing	Grey, Black, White
Materials and finishing	Housing: high pressure, die-cast aluminium, powder coated finish Glass: Tempered Mounting Bracket: high pressure, die-cast aluminium, powder coated finish
Operating temp.	-40° to +50°C Operating -20° to +50°C start up
Lifetime	90,000 hours at Ta 25°C (with 3-RGB channels on full) 55,000 hours at Ta 50°C (with 3-RGB channels on full)
Accessories	Spread lenses and trim ring (to hold each lens on the product) Honeycomb louvre and trim ring (to hold louvre on the product) Glare shield 45° and full glare shield
Main applications	Architectural, Accent Lighting
Classification code	IP66 UL CE
Remarks	Data enabler; control equipment and cables to be ordered separately

Polar Intensity Diagram (For further Photometric data please contact our technical department)

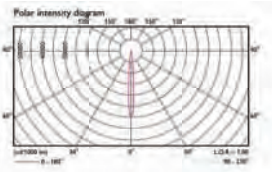
ColorBurst BCP462
1x19-LED-HB/RGB 23D
Lampflux : 1 x 560 lm



ColorBurst BCP462
1x19-LED-HB/RGB 41x8D
Lampflux : 1 x 580 lm



ColorBurst BCP462
1x19-LED-HB/RGB 8D
Lampflux : 1 x 650 lm



Product Selection

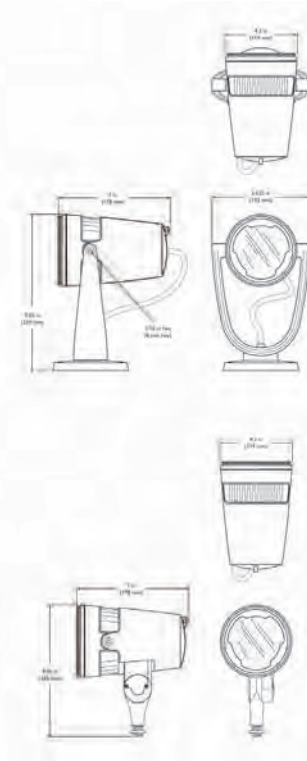
ColorBurst Powercore BCP462	Housing Colour	Light Colour	Number of LED's	Weight KG	Mounting	Order code
	Grey	 RGB	19	3.38	Landscape	88379099
	Grey	 RGB	19	5	Architectural	88380699
	Black	 RGB	19	3.38	Landscape	88496499
	Black	 RGB	19	5	Architectural	88497199
	White	 RGB	19	3.38	Landscape	88499599
	White	 RGB	19	5	Architectural	79108899

System Components

Type	Product	Order Code
Data Enabler	Data Enabler Pro	88324099
Controls	i-Player 3	70058599
	ColourChaser Touch	80896300
	Light System Manager	71442500
	Video System Manager	71443200
	(Other third part DMX controllers will work with this product)	
Accessories	14 degree spread lens	88383799
	23 degree spread lens	88384499
	41 degree spread lens	88385199
	10 degree x 41 degree spread lens	88386899
	Honeycomb louvre	88390599
	Trim ring, Grey finish.	88387599
	Glare shield with 45 degree cutoff. Grey finish.	88388299
	Glare shield, full height. Grey finish.	88389999
	Trim ring, Black finish.	79147799
	Glare shield with 45 degree cutoff. Black finish.	79148499
	Glare shield, full height. Black finish.	79149199
	Trim ring, White finish.	79150799
	Glare shield with 45 degree cutoff. White finish.	79151499
	Glare shield, full height. White finish.	79152199

ColorBurst Compact Powercore®

Standard features



Type	BCP462
Light colour	Red, Green, Blue (RGB)
Power consumption	Max 20W
Light Source	12 x LED-HB
Lumen Package	498lm (8°) 429lm (14°) 418lm (23°) 405lm (41°) 432lm (10° x 41°)
Optic	14°, 23°, 41° and asymmetric 10° x 41° spread lenses Honeycomb louvre
Controls	Compatible with full line of Philips DMX controllers
Housing	Grey, Black, White
Materials and finishing	Housing: high pressure, die-cast aluminium, powder coated finish Glass: Tempered Mounting Bracket: high pressure, die-cast aluminium, powder coated finish
Operating temp.	-40° to +50°C Operating -20° to +50°C start up
Lifetime	90,000 hours at Ta 25°C (with 3-RGB channels on full) 55,000 hours at Ta 50°C (with 3-RGB channels on full)
Accessories	Spread lenses and trim ring (to hold each lens on the product) Honeycomb louvre and trim ring (to hold louvre on the product) Glare shield 45° and full glare shield
Main applications	Architectural, Accent Lighting
Classification code	  
Remarks	Data enabler; control equipment and cables to be ordered separately

Product Selection

ColorBurst Compact Powercore BCP462	Housing Colour	Light Colour	Number of LED's	Weight KG	Mounting	Order code
	Grey	 RGB	12	2.03	Landscape	88469899
	Grey	 RGB	12	3.5	Architectural	88470499
	Black	 RGB	12	2.03	Landscape	88482799
	Black	 RGB	12	3.5	Architectural	88483499
	White	 RGB	12	2.03	Landscape	88485899
	White	 RGB	12	3.5	Architectural	88486599

System Components

Type	Product	Order Code
Data Enabler	Data Enabler Pro	88324099
Controls	i-Player 3	70058599
	ColourChaser Touch	80896300
	Light System Manager	71442500
	Video System Manager	71443200
	(Other third part DMX controllers will work with this product)	
Accessories	14 degree spread lens	79117099
	23 degree spread lens	79118799
	41 degree spread lens	79119499
	10 degree x 41 degree spread lens	79120099
	Honeycomb louvre	79130999
	Trim ring. Grey finish.	79121799
	Glare shield with 45 degree cutoff. Grey finish.	79122499
	Glare shield, full height. Grey finish.	79123199
	Trim ring. Black finish.	79124899
	Glare shield with 45 degree cutoff. Black finish.	79125599
	Glare shield, full height. Black finish.	79126299
	Trim ring. White finish.	79127999
	Glare shield with 45 degree cutoff. White finish.	79128699
	Glare shield, full height. White finish.	79129399

eColor Burst Powercore®

- _High output for Accent Lighting
- _Compact design
- _Flexible mounting options with Architectural and Landscape versions
- _Burst Powercore fixtures can tilt through a full 180° and Architectural fixtures also rotate a full 360° for precise aiming
- _User interchangeable optics
- _Energy efficient
- _Long operating lifetime
- _Philips Core Technologies used:

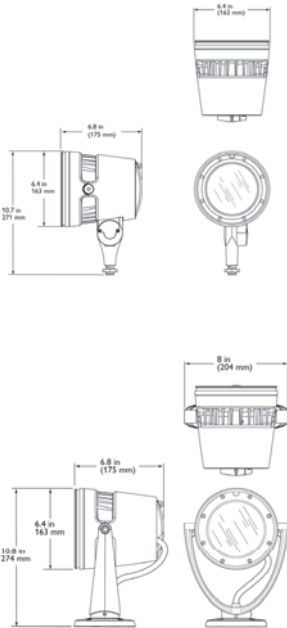
Powercore® technology - Power and data combined, eliminating the need for an external power supply

Optibin®- Production process that ensures light output and colour consistency





Standard features



Type

Light colour

Power consumption

Light Source

Driver

Optic

Housing

Materials and finishing

Operating temp.

Lifetime

Accessories

Main applications

Classification code

BCP463

Red, Green, Blue, Amber

Max 30W

19 x LED-HB

100-277V AC / 50-60Hz

14°, 23°, 41° and asymmetric 10° x 41° spread lenses
Honeycomb louvre

Grey, Black, White

Housing: high pressure, die-cast aluminium, powder coated finish
Glass: Tempered
Mounting Bracket: high pressure, die-cast aluminium, powder coated finish

-40° to +50°C Operating
-20° to +50°C start up

90,000 hours at Ta 25°C (with 3-RGB channels on full)
55,000 hours at Ta 50°C (with 3-RGB channels on full)

Spread lenses and trim ring (to hold each lens on the product)
Honeycomb louvre and trim ring (to hold louvre on the product)
Glare shield 45° and full glare shield

Architectural, Accent Lighting



Product Selection

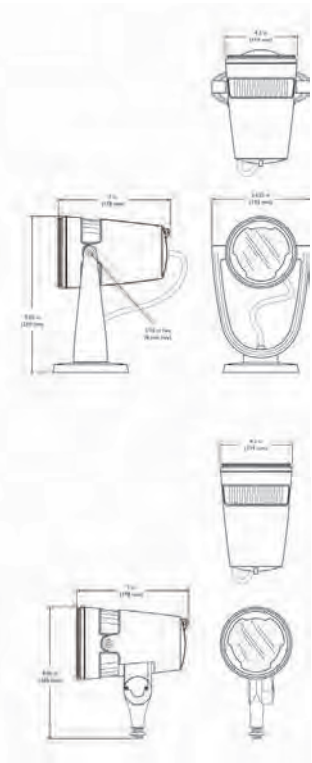
eColorBurst Powercore BCP463	Housing Colour	Light Colour	Number of LED's	Weight KG	Mounting	Order code
	Grey	Blue	12	3.38	Landscape	79381599
	Grey	Green	12	3.38	Landscape	79382299
	Grey	Red	12	3.38	Landscape	79383999
	Grey	Amber	12	3.38	Landscape	79384699
	Grey	Blue	12	5	Architectural	79221499
	Grey	Green	12	5	Architectural	79222199
	Grey	Red	12	5	Architectural	79223899
	Grey	Amber	12	5	Architectural	79224599
	Black	Blue	12	3.38	Landscape	79365599
	Black	Green	12	3.38	Landscape	79366299
	Black	Red	12	3.38	Landscape	79367999
	Black	Amber	12	3.38	Landscape	79368699
	Black	Blue	12	5	Architectural	79369399
	Black	Green	12	5	Architectural	79370999
	Black	Red	12	5	Architectural	79371699
	Black	Amber	12	5	Architectural	79372399
	White	Blue	12	3.38	Landscape	79349599
	White	Green	12	3.38	Landscape	79350199
	White	Red	12	3.38	Landscape	79351899
	White	Amber	12	3.38	Landscape	79352599
	White	Blue	12	5	Architectural	79353299
	White	Green	12	5	Architectural	79354999
	White	Red	12	5	Architectural	79355699
	White	Amber	12	5	Architectural	79356399

System Components

Type	Product	Order Code
Accessories	14 degree spread lens	88383799
	23 degree spread lens	88384499
	41 degree spread lens	88385199
	10 degree x 41 degree spread lens	88386899
	Honeycomb louvre	88390599
	Trim ring, Grey finish.	88387599
	Glare shield with 45 degree cutoff. Grey finish.	88388299
	Glare shield, full height. Grey finish.	88389999
	Trim ring, Black finish.	79147799
	Glare shield with 45 degree cutoff. Black finish.	79148499
	Glare shield, full height. Black finish.	79149199
	Trim ring, White finish.	79150799
	Glare shield with 45 degree cutoff. White finish.	79151499
	Glare shield, full height. White finish.	79152199

eColorBurst Compact Powercore®

Standard features



Type	BCP463
Light colour	Red, Green, Blue, Amber
Power consumption	Max 20W
Light Source	12 x LED-HB
Driver	100-277V AC / 50-60Hz
Optic	14°, 23°, 41° and asymmetric 10° x 41° spread lenses Honeycomb louvre
Housing	Grey, Black, White
Materials and finishing	Housing: high pressure, die-cast aluminium, powder coated finish Glass: Tempered Mounting Bracket: high pressure, die-cast aluminium, powder coated finish
Operating temp.	-40° to +50°C Operating -20° to +50°C start up
Lifetime	90,000 hours at Ta 25°C (with 3-RGB channels on full) 55,000 hours at Ta 50°C (with 3-RGB channels on full)
Accessories	Spread lenses and trim ring (to hold each lens on the product) Honeycomb louvre and trim ring (to hold louvre on the product) Glare shield 45° and full glare shield
Main applications	Architectural, Accent Lighting
Classification code	IP 66  

Product Selection

eColorBurst Powercore BCP463	Housing Colour	Light Colour	Number of LED's	Weight KG	Mounting	Order code
	Grey	● Blue	12	2.03	Landscape	79301399
	Grey	● Green	12	2.03	Landscape	79302099
	Grey	● Red	12	2.03	Landscape	79303799
	Grey	● Amber	12	2.03	Landscape	79304499
	Grey	● Blue	12	3.5	Architectural	79305199
	Grey	● Green	12	3.5	Architectural	79306899
	Grey	● Red	12	3.5	Architectural	79307599
	Grey	● Amber	12	3.5	Architectural	79308299
	Black	● Blue	12	2.03	Landscape	79309999
	Black	● Green	12	2.03	Landscape	79310599
	Black	● Red	12	2.03	Landscape	79311299
	Black	● Amber	12	2.03	Landscape	79312999
	Black	● Blue	12	3.5	Architectural	79313699
	Black	● Green	12	3.5	Architectural	79314399
	Black	● Red	12	3.5	Architectural	79315099
	Black	● Amber	12	3.5	Architectural	79316799
	White	● Blue	12	2.03	Landscape	79317499
	White	● Green	12	2.03	Landscape	79318199
	White	● Red	12	2.03	Landscape	79319899
	White	● Amber	12	2.03	Landscape	79320499
	White	● Blue	12	3.5	Architectural	79321199
	White	● Green	12	3.5	Architectural	79322899
	White	● Red	12	3.5	Architectural	79324299
	White	● Amber	12	3.5	Architectural	79324299

System Components

Type	Product	Order Code
Accessories	14 degree spread lens	79117099
	23 degree spread lens	79118799
	41 degree spread lens	79119499
	10 degree x 41 degree spread lens	79120099
	Honeycomb louvre	79130999
	Trim ring. Grey finish.	79121799
	Glare shield with 45 degree cutoff. Grey finish.	79122499
	Glare shield, full height. Grey finish.	79123199
	Trim ring. Black finish.	79124899
	Glare shield with 45 degree cutoff. Black finish.	79125599
	Glare shield, full height. Black finish.	79126299
	Trim ring. White finish.	79127999
	Glare shield with 45 degree cutoff. White finish.	79128699
	Glare shield, full height. White finish.	79129399

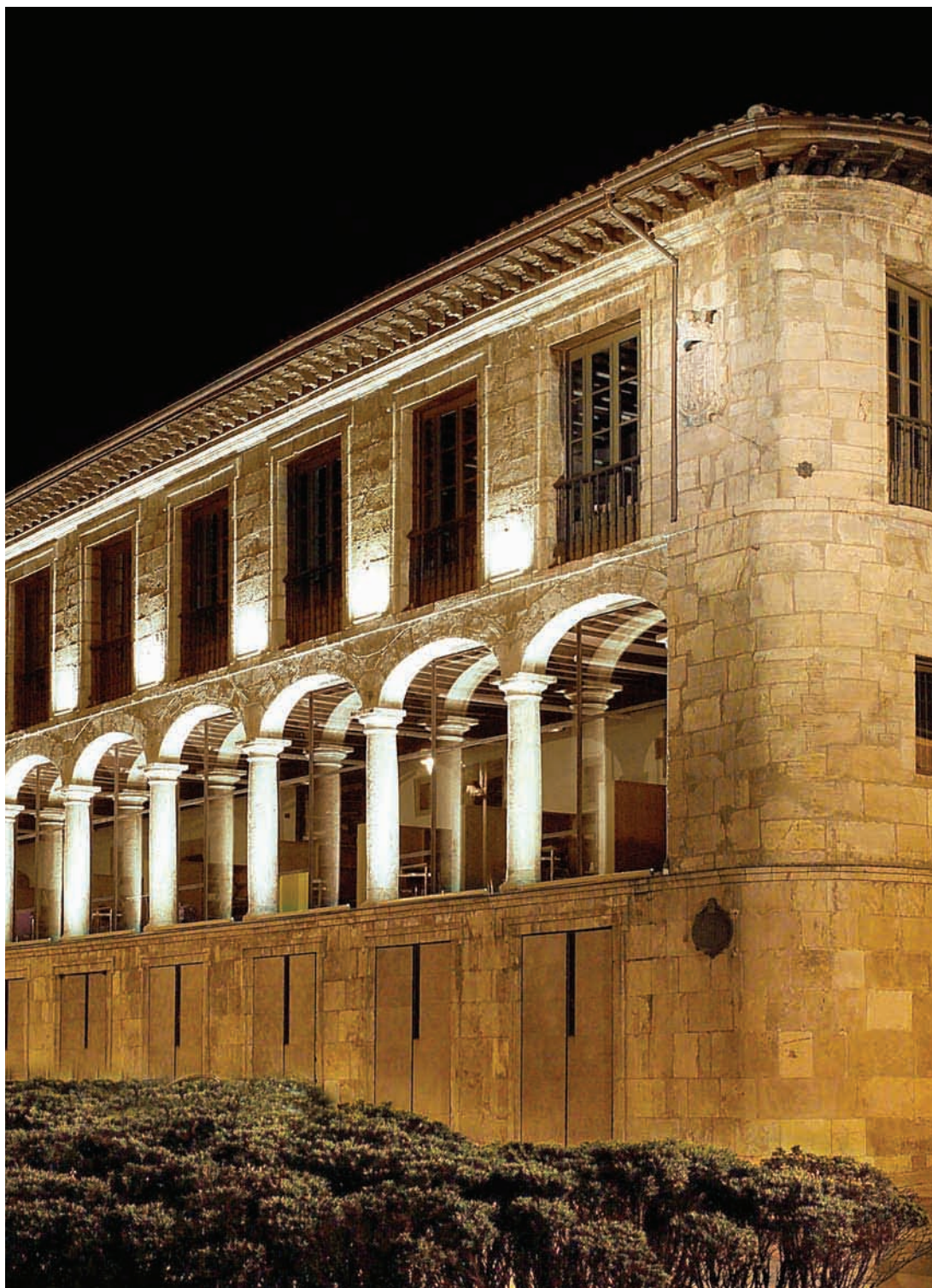
eW Burst Powercore®

- _High output for Accent Lighting
- _Flexible mounting options with Architectural and Landscape versions
- _Burst Powercore fixtures can tilt through a full 180° and Architectural fixtures also rotate a full 360° for precise aiming
- _User interchangeable optics
- _Energy efficient
- _Long operating lifetime
- _Philips Core Technologies used:

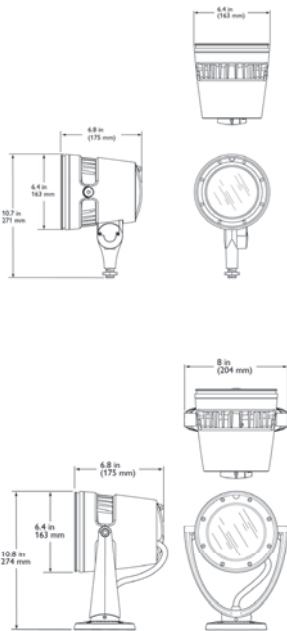
Powercore® technology - Power and data combined, eliminating the need for an external power supply

Optibin®- Production process that ensures light output and colour consistency





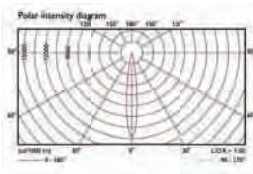
Standard features



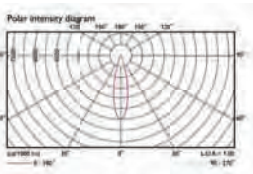
Type	BCP463
Light colour	Warm White 2700 K Neutral White 4000 K
Power consumption	Max 30W
Light Source	19 x LED-HB
Lumen Package	Warm White 2700 K: 1168lm (8°) 1022lm (14°) 1004lm (23°) 991lm (41°) 1046lm (10° x 41°) Neutral White 4000 K: 1478lm (8°) 1280lm (14°) 1259lm (23°) 1240lm (41°) 1317lm (10° x 41°)
Driver	100-277V AC / 50-60Hz
Optic	14°, 23°, 41° and asymmetric 10° x 41° spread lenses Honeycomb louvre
Housing	Grey, Black, White
Materials and finishing	Housing: high pressure, die-cast aluminium, powder coated finish Glass: Tempered Mounting Bracket: high pressure, die-cast aluminium, powder coated finish
Operating temp.	-40° to +50°C Operting -20° to +50°C start up
Lifetime	90,000 hours at Ta 25°C (with 3-RGB channels on full) 55,000 hours to Ta 50°C (with 3-RGB channels on full)
Accessories	Spread lenses and trim ring (to hold each lens on the product) Honeycomb louvre and trim ring (tol hold louvre on the product) Glare shield 45° and full glare shield
Main applications	Architectural, Accent Lighting
Classification code	IP66  

Polar Intensity Diagram (For further Photometric data please contact our technical department)

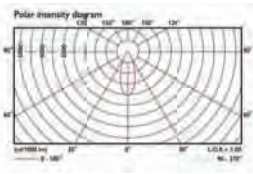
BCP463
19-LED-HB/WW 2700K 14D
Lampflux : 1 x 1020 lm



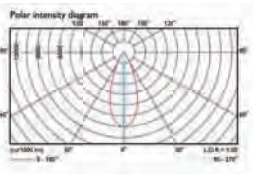
BCP463
19-LED-HB/WW 2700K 23D
Lampflux : 1 x 1000 lm



BCP463
19-LED-HB/WW 2700K_d 41D
Lampflux : 1 x 990 lm



BCP463
19-LED-HB/WW 2700K 41x8D
Lampflux : 1 x 1050 lm



Product Selection

eW Burst Powercore BCP463



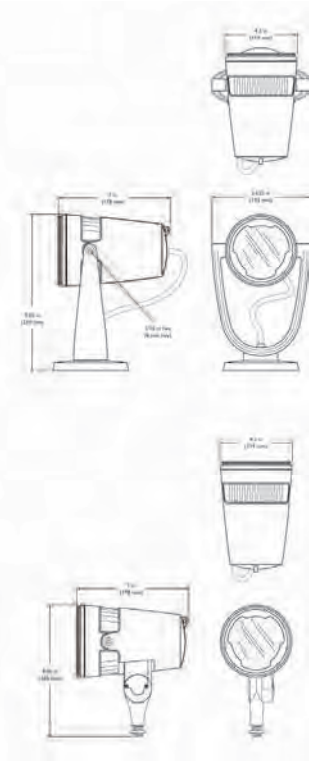
Housing Colour	Light Colour	Number of LED's	Weight KG	Mounting	Order code
Grey	● Warm White (2700 K)	19	3.38	Landscape	88367799
Grey	● Warm White (2700 K)	19	5	Architectural	88371499
Grey	○ Neutral White (4000 K)	19	3.38	Landscape	88368499
Grey	○ Neutral White (4000 K)	19	5	Architectural	88372199
Black	● Warm White (2700 K)	19	3.38	Landscape	79161399
Black	● Warm White (2700 K)	19	5	Architectural	79163799
Black	○ Neutral White (4000 K)	19	3.38	Landscape	79162099
Black	○ Neutral White (4000 K)	19	5	Architectural	79164499
White	● Warm White (2700 K)	19	3.38	Landscape	79167599
White	● Warm White (2700 K)	19	5	Architectural	79169999
White	○ Neutral White (4000 K)	19	3.38	Landscape	79168299
White	○ Neutral White (4000 K)	19	5	Architectural	79170599

System Components

Type Accessories	Product	Order Code
	14 degree spread lens	88383799
	23 degree spread lens	88384499
	41 degree spread lens	88385199
	10 degree x 41 degree spread lens	88386899
	Honeycomb louvre	88390599
	Trim ring. Grey finish.	88387599
	Glare shield with 45 degree cutoff. Grey finish.	88388299
	Glare shield, full height. Grey finish.	88389999
	Trim ring. Black finish.	79147799
	Glare shield with 45 degree cutoff. Black finish.	79148499
	Glare shield, full height. Black finish.	79149199
	Trim ring. White finish.	79150799
	Glare shield with 45 degree cutoff. White finish.	79151499
	Glare shield, full height. White finish.	79152199

eW Burst Compact Powercore®

Standard features



Type	BCP463
Light colour	Warm White 2700 K Neutral White 4000 K
Power consumption	Max 20W
Light Source	12 x LED-HB
Lumen Package	Warm White 2700 K: 624lm (8°) 543lm (14°) 540lm (23°) 520lm (41°) 557lm (10° x 41°) Neutral White 4000 K: 812lm (8°) 685lm (14°) 674lm (23°) 646lm (41°) 695lm (10° x 41°)
Driver	100-277V AC / 50-60Hz
Optic	14°, 23°, 41° and asymmetric 10° x 41° spread lenses Honeycomb louvre
Housing	Grey, Black, White
Materials and finishing	Housing: high pressure, die-cast aluminium, powder coated finish Glass: Tempered Mounting Bracket: high pressure, die-cast aluminium, powder coated finish
Operating temp.	-40° to +50°C Operting -20° to +50°C start up
Lifetime	90,000 hours at Ta 25°C (with 3-RGB channels on full) 55,000 hours to Ta 50°C (with 3-RGB channels on full)
Accessories	Spread lenses and trim ring (to hold each lens on the product) Honeycomb louvre and trim ring (tol hold louvre on the product) Glare shield 45° and full glare shield
Main applications	Architectural, Accent Lighting
Classification code	IP66  

Product Selection

eW Burst Compact Powercore BCP463



Housing Colour	Light Colour	Number of LED's	Weight KG	Mounting	Order code
Grey	● Warm White (2700 K)	12	2.03	Landscape	88473599
Grey	● Warm White (2700 K)	12	3.5	Architectural	88475999
Grey	○ Neutral White (4000 K)	12	2.03	Landscape	88474299
Grey	○ Neutral White (4000 K)	12	3.5	Architectural	88476699
Black	● Warm White (2700 K)	12	2.03	Landscape	79235199
Black	● Warm White (2700 K)	12	3.5	Architectural	79238299
Black	○ Neutral White (4000 K)	12	2.03	Landscape	79237599
Black	○ Neutral White (4000 K)	12	3.5	Architectural	79239999
White	● Warm White (2700 K)	12	2.03	Landscape	79246799
White	● Warm White (2700 K)	12	3.5	Architectural	79248199
White	○ Neutral White (4000 K)	12	2.03	Landscape	79247499
White	○ Neutral White (4000 K)	12	3.5	Architectural	79249899

System Components

Type	Product	Order Code
Accessories	14 degree spread lens	79117099
	23 degree spread lens	79118799
	41 degree spread lens	79119499
	10 degree x 41 degree spread lens	79120099
	Honeycomb louvre	79130999
	Trim ring. Grey finish.	79121799
	Glare shield with 45 degree cutoff. Grey finish.	79122499
	Glare shield, full height. Grey finish.	79123199
	Trim ring. Black finish.	79124899
	Glare shield with 45 degree cutoff. Black finish.	79125599
	Glare shield, full height. Black finish.	79126299
	Trim ring. White finish.	79127999
	Glare shield with 45 degree cutoff. White finish.	79128699
	Glare shield, full height. White finish.	79129399

ColorBurst 6

- _Architectural outdoor and indoor spotlighting and wall-washing
- _Surface mounted fitting
- _350° locking base swivel and 350° rotation offering versatile range of light positions
- _Red, green, blue LEDs offering many different light colour changing effects
- _Philips Core Technologies used:
 - Chromacore®** – An unprecedented means for adding intelligence to LED illumination devices
 - Optibin®** – Production process that ensures light output and colour consistency

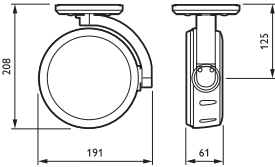
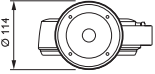




Project
_Folsom Library
Rensselaer Polytechnic Institute
Troy, New York

ColorBurst 6

Standard features



Type

BCP466

Light source

18 x LED-HB

Light colour

Red, green, blue (RGB)

Power supply

24V DC

Power consumption

Max 25W

Optic

Narrow beam angle 12°

Medium beam angle 22°

Controls

Compatible with full line of Philips DMX controllers

Materials and finishing

Housing: die-cast aluminium

Cover: tempered glass

Housing

White (WH) or black (BK)

Installation

Surface mounting

Starting temperature: $-20^{\circ}\text{C} < T_a < 50^{\circ}\text{C}$

Operating temperature: $-40^{\circ}\text{C} < T_a < 50^{\circ}\text{C}$

Locking base swivel: after-installation rotation up to 350° rotation

Locking fixture rotation: 350°

Lifetime

50,000 hours at 50°C (complies with IES LM-79-08)

Accessories

Mounting brackets

Remarks

Power/data supply enabler; controls equipment and

cables to be ordered separately

Main applications

Architectural outdoor and indoor

Classification code



Product Selection

ColorBurst 6 – BCP466



Light Colour



RGB

Housing

○ White

● Black

Beam (°)

12

22

12

22

Weight (kg)

1.50

1.50

1.50

1.50

Power (w)

25 (max)

25 (max)

25 (max)

25 (max)

Order Code

70225199

70223799

70226899

70224499

System Components

Mounting Bracket	Colour	Weight (kg)	Order Code
	○ White	1.92	71100499
	● Black	1.92	71101199

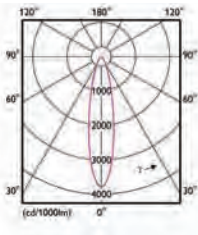
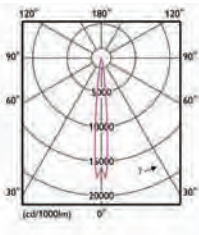
Power Supplies	Product	Description	Order Code
	PDS-60 24V	Up to 2 x luminaires, Pre-Programmed	71085499
	PDS-60 24V DMX / Ether	Up to 2 x luminaires, Pre-Programmed	71086199
	PDS-150e 24V	Up to 6 x luminaires, Pre-Programmed	71081699

Controls (See page 524 for full list of controls)	Product	Order Code
	i-Player3	70058599
	ColourChaser Touch	80896300
	Light System Manager	71442500
	(Other third party DMX controllers will work with this product)	

Polar Intensity Diagram (For further Photometric data please contact our technical department)

ColorBurst 6
RGB Clear Lens 12°
Medium Beam BCP466
Lamp: 1 x 18 LEDs
Luminaire Lumens: 1 x 342

ColorBurst 6
RGB Frosted Lens 22°
Wide Beam BCP466
Lamp: 1 x 18 LEDs
Luminaire Lumens: 1 x 300



LEDflood K2

_Outdoor floodlight suitable for use on façades, statues, columns or trees

_Available in single, bi & tri colours, delivering the full range of colours

_50,000hrs to 70% lumen maintenance

_Available in two versions:

LEDflood Surface Mounted

_Available in various beams to create different light effects from spot to line

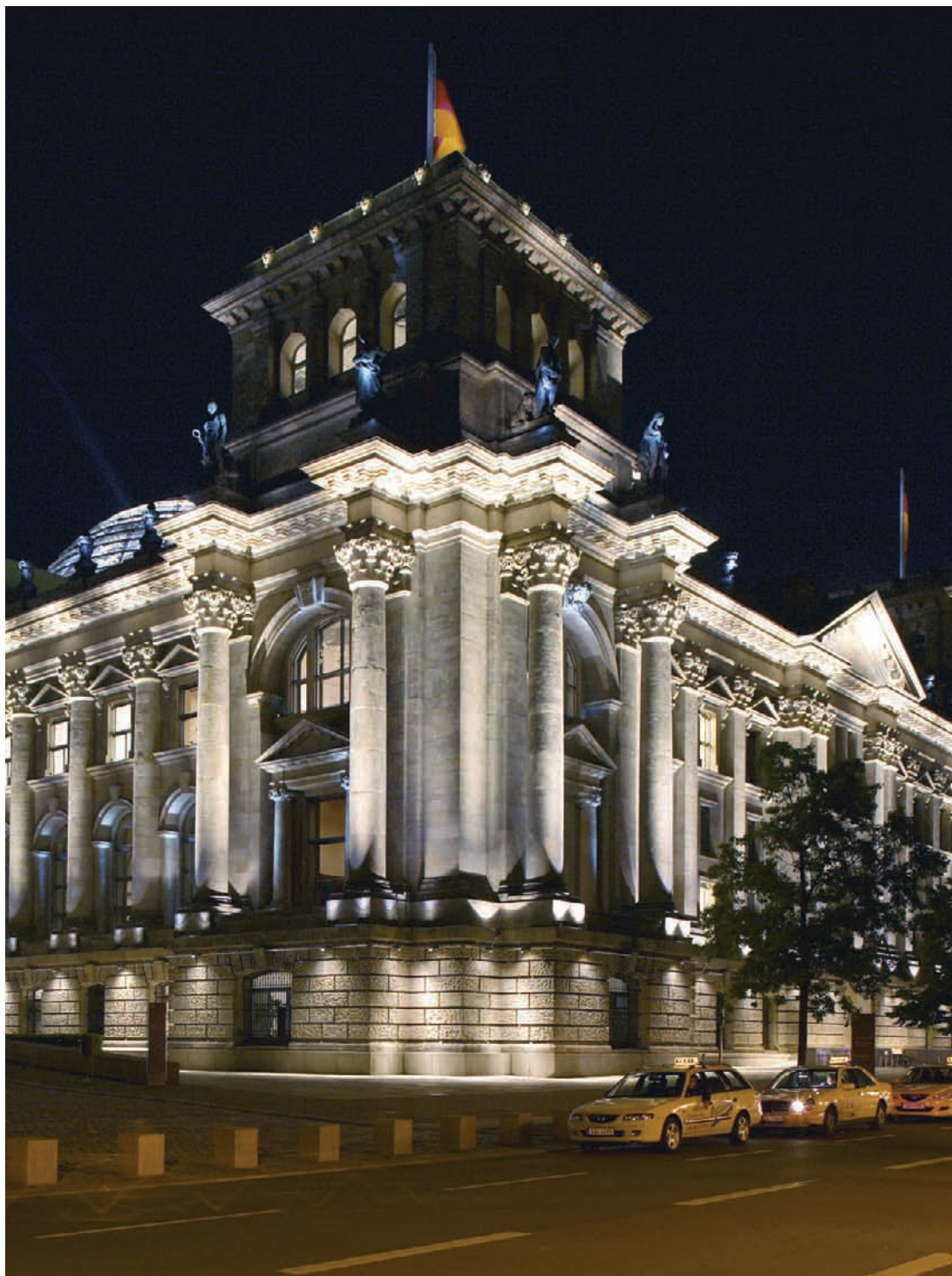
_Suitable for wall and surface mounting

LEDflood Recessed

_Integrates seamlessly into architectures by a choice of different frames

_Available in various beam angles with optimal optical aiming adjustment

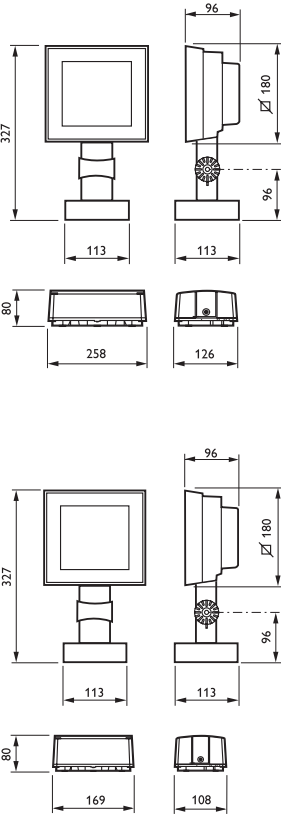




Project:
_Reichstag Building
Berlin, Germany

LED Flood K2 Surface Mounted

Standard features



Type

Light source

Light colour

Power supply

Optic

Drivers

Controls

Materials and finishing

Colour

Installation

Lifetime

Main applications

Classification code

BCP731 (Surface Mounted Single-colour)

BCP732 (Surface Mounted Bi-colour)

BCP733 (Surface Mounted Tri-colour)

9 x LUXEON® K2 LEDs

Single-colour: red (RD), amber (AM), green (GN), blue (BL), white (WH)

Bi-colour: white/blue (WH/BL), white/amber (WH/AM), blue/green (BL/GN)

Tri-colour: red, green, blue (RGB), amber; white, blue (AWB)

230-240V AC / 50-60Hz (with remote gearbox)

With Zoomspot: 6 up to 30° (6-30), all versions

Without Zoomspot: 6° (6), Single and Bi-colour versions

Linear vertical fixed prisms 8 to 60° (P-LIN-V), all versions
Linear horizontal fixed prisms 8 to 60° (P-LIN-H), all versions

Driver/electronic interface DMX/ RDM protocol (with remote driver)

ColourChaser Touch: DMX/RDM

iPlayer3: DMX

Housing: die-cast aluminium (anodic silver grey RAL 9006)

Cover: tempered glass with silver screen print around optic (anodic grey RAL 9006)

Optics: collimating lenses in methacrylate

Frame: brushed stainless steel

Remote gearbox: die-cast aluminium (anodic silver grey paint RAL 9006)

Anodic silver grey (RAL 9006)

Other RAL colours (for housing) available on request

Wall and surface mounting

Flexible positioning and aiming:

Vertical axis adjustment: -67.5 to +67.5°

Horizontal axis adjustment: -170 to +170°

Cable included: type HO7RNF 3 x 0.5 mm², length 3m

Zoomspot beam externally adjustable

Operating temperature: -20°C < Ta < 35°C

50,000 hours (70% lumen maintenance)

Thermal management system for long lifetime

Architectural outdoor



linear prisms

Controls

(See page 524 for full list of controls)

Product

i-Player3

ColourChaser Touch

Light System Manager

iW Scene Controller

(Other third party DMX controllers will work with this product)

Order Code

70058599

80896300

71442500

71178399

Product Selection

LEDflood K2 Surface Mounted Single-colour – BCP731



Light Colour	Beam	Beam (°)	Weight (kg)	Power (w)	Controls	Order Code
● Amber	Narrow	6	4.9	14	–	50540500
	Adjustable	6-30	5.3	14	–	50541200
● Blue	Narrow	6	4.9	51	–	50530600
	Narrow	6	4.9	51	DMX	50531300
	Adjustable	6-30	5.3	51	–	50532000
	Adjustable	6-30	5.3	51	DMX	50533700
● Green	Narrow	6	4.9	51	–	50534400
	Narrow	6	4.9	51	DMX	50535100
	Adjustable	6-30	5.3	51	–	50536800
	Adjustable	6-30	5.3	51	DMX	50537500
● Red	Narrow	6	4.9	14	–	50538200
	Adjustable	6-30	5.3	14	–	50539900
○ White	Narrow	6	4.9	51	DMX	50527600
	Adjustable	6-30	5.3	51	–	50528300
	Adjustable	6-30	5.3	51	DMX	50529000
● Blue	Linear	–	4.8	51	–	50634100
○ White	Linear	–	4.8	51	–	50633400

LEDflood K2 Surface Mounted Bi-colour – BCP732

● ● Blue Green	Narrow	6	4.9	51	DMX	50546700
	Adjustable	6-30	5.3	51	DMX	50547400
○ ● White Amber	Narrow	6	4.9	31	DMX	50542900
	Adjustable	6-30	5.3	31	DMX	50543600
○ ● White Blue	Narrow	6	4.9	31	DMX	50544300
	Adjustable	6-30	5.3	31	DMX	50545000

LEDflood K2 Surface Mounted Tri-colour – BCP733

● ● ● AWB	Adjustable	6-30	5.3	39	DMX	50549800
● ● ● RGB	Adjustable	6-30	5.3	39	DMX	50548100

Polar Intensity Diagram (For further Photometric data please contact our technical department)

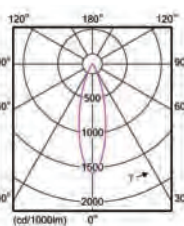
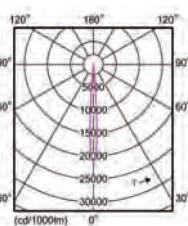
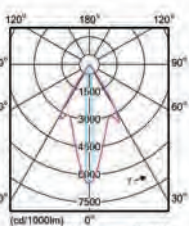
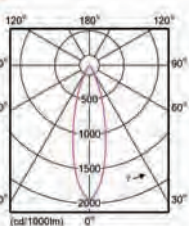
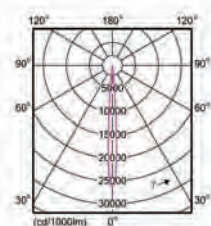
LEDflood Zoomspot
2 x 3 to 2 x 15° Narrow beam
Cool white BCP731
Lamp: 9 x LED-K2-U00/CW
Luminaire Lumens: 531

LEDflood Zoomspot
2 x 3 to 2 x 15° Wide beam
Cool white BCP731
Lamp: 9 x LED-K2-U00/CW
Luminaire Lumens: 531

LEDflood without
Zoomspot 2 x 3 to 2 x 27°
Cool white BCP731
Lamp: 9 x LED-K2-U00/CW
Luminaire Lumens: 657

LEDflood Zoomspot
2 x 3 to 2 x 15° Narrow beam
Blue/Green BCP732
Lamp: 9 x LED-LXHL-
K2-LB/BL/GN-5:4
Luminaire Lumens: 255

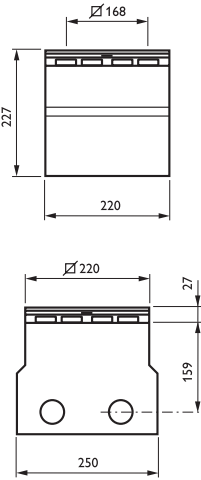
LEDflood Zoomspot
2 x 3 to 2 x 15° Wide beam
Blue/Green BCP732
Lamp: 9 x LED-LXHL-
K2-LB/BL/GN-5:4
Luminaire Lumens: 244



For further information call 01483 293 258

LED Flood K2 Recessed

Standard features



Type

BBP731 (Recessed Single-colour)
BBP742 (Recessed Bi-colour)
BBP743 (Recessed Tri-colour)

Light source

9 x LUXEON® K2 LEDs

Light colour

Single-colour: red (RD), amber (AM), green (GN), blue (BL), white (WH)
Bi-colour: white/blue (WH/BL), white/amber (WH/AM), blue/green (BL/GN)
Tri-colour: red, green, blue (RGB), amber, white, blue (AWVB)

Power supply

230-240V AC / 50-60Hz

Optic

Narrow beam 10° (NB), tilt adjustable +/-22°
Medium beam 26° (MB), tilt adjustable +/-17°
Linear beam angle 8-34° (LIN8-34), tilt adjustable +/-8°
Asymmetrical elliptical beam -19°, +14° / 104° (A), no tilt

Drivers

DMX/RDM protocol

Controls

ColourChaser Touch: DMX/RDM
iPlayer3: DMX

Materials and finishing

Housing: die-cast aluminium
Recessing box and cover: sheet steel
Cover: die-cast aluminium
Frame: stainless steel (BBP741/742/743) or aluminium frame (BBP731/732/733) (0mm flush)
Mask: stainless steel (BBP751/752/753) (3mm not flush)

Installation

In recessing box, delivered with the luminaire
Operating temperature: -20°C < Ta < 35°C

Lifetime

50,000 hrs (70% lumen maintenance)
Thermal management system for long lifetime

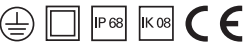
Remarks

Cool-touch glass temperature 50°C

Main applications

Architectural outdoor

Classification code



Product Selection

LEDflood K2 Recessed Single-colour – BBP731



Light Colour	Beam	Beam (°)	Weight (kg)	Power (w)	Controls	Order Code
● Amber	Asymmetric		9.305	14	–	60330900
	Linear	8-34	9.373	14	–	60331600
● Blue	Asymmetric		9.305	51	–	60328600
	Linear	8-34	9.373	51	–	60329300
○ White	Asymmetric		9.305	51	–	60324800
	Medium	26	9.373	51	–	60325500

LEDflood K2 Recessed Bi-colour – BBP742

○ ● White Amber	Asymmetric		9.879	31	DMX	60341500
	Medium	26	9.879	31	DMX	60340800
○ ● White Blue	Linear	8-34	9.879	51	DMX	60332300
	Narrow		9.879	51	DMX	60338500

LEDflood K2 Recessed Tri-colour – BBP743

● ● ● AWB	Linear	8-34	9.879	39	DMX	60352100
	Medium	26	9.879	39	DMX	60350700
● ● ● RGB	Asymmetric		9.811	39	DMX	60344600
	Linear	8-34	9.879	39	DMX	60345300
	Medium	26	9.879	39	DMX	60346000

Controls

(See page 524 for
full list of controls)

Product

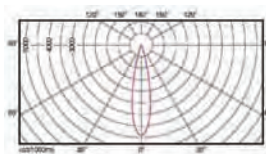
i-Player3
ColourChaser Touch
Light System Manager
iW Scene Controller
(Other third party DMX controllers will work with this product)

Order Code

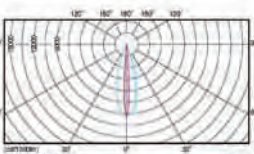
70058599
80896300
71442500
71178399

Polar Intensity Diagram

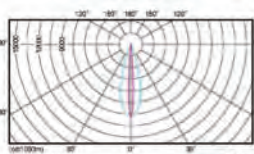
LEDflood Recessed
Cool white 2 x 13°
Medium beam BBB731
Luminaire Lumens: 558



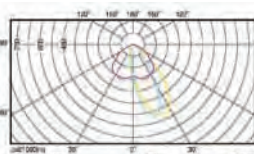
LEDflood Recessed
Green Linear Rectangular beam
2 x 4-2-17° BBB731
Luminaire Lumens: 612



LEDflood Recessed
Cool white 2 x 5°
Narrow beam BBB731
Luminaire Lumens: 513



LEDflood Recessed
Red Asymmetrical beam
BBB731
Luminaire Lumens: 190

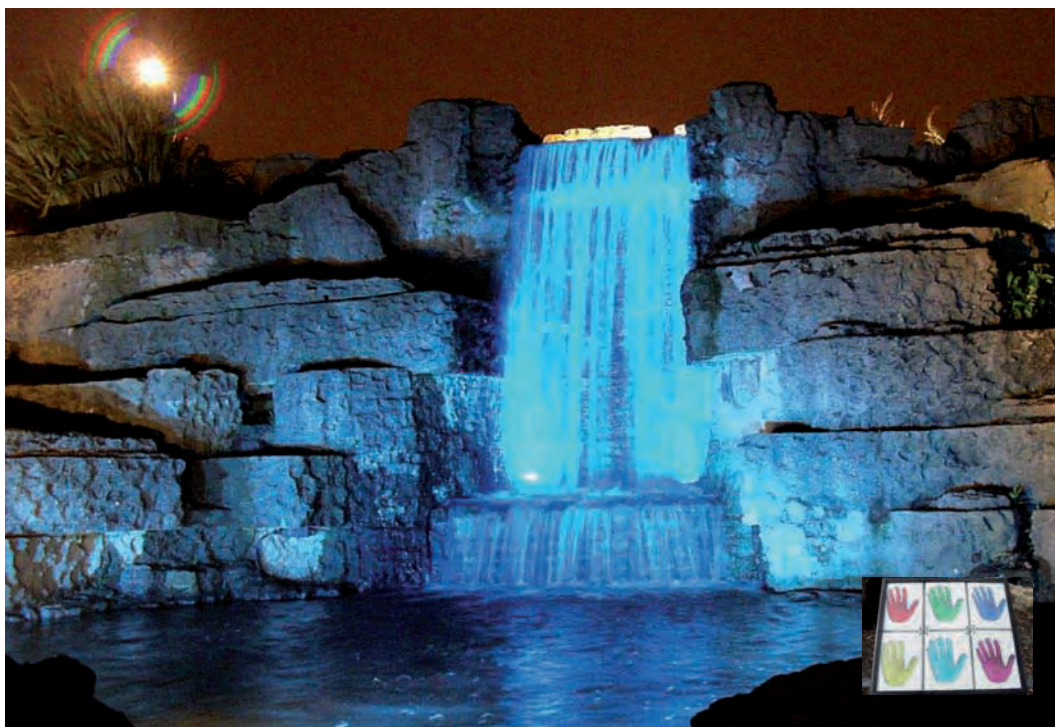
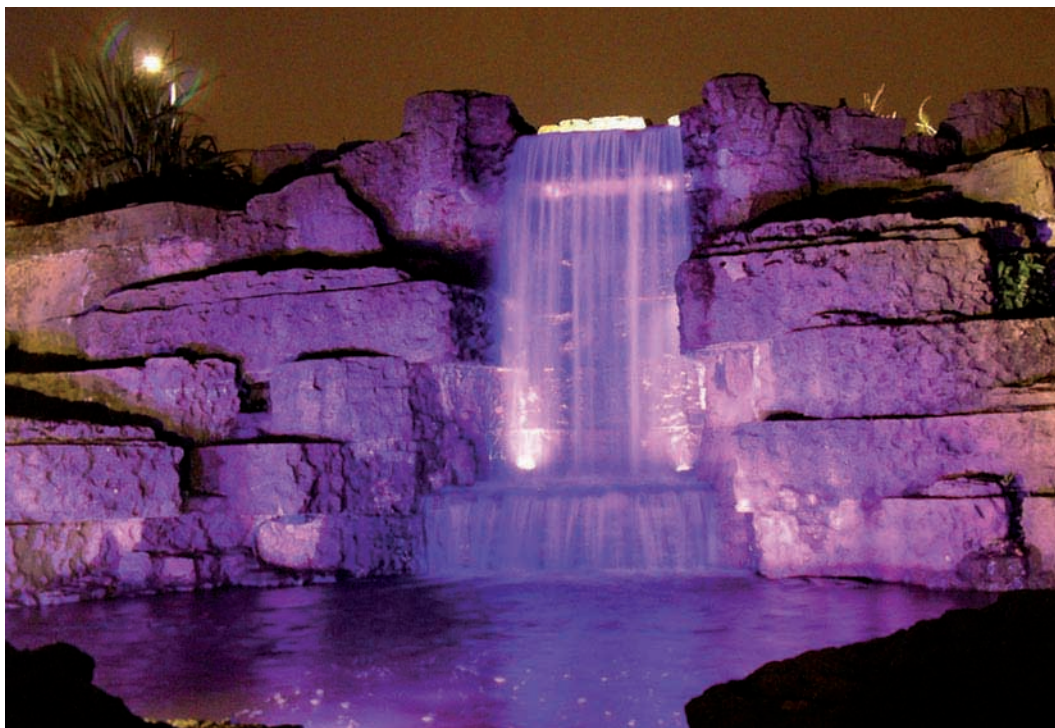


For further information call 01483 293 258

C-Splash 2

- _Underwater applications
- _Generates vibrant colour changing effects with outstanding control and flexibility
- _Suitable for fresh or saltwater
- _Suitable for exposure to bromine or chlorine
- _Fully submersible to a depth of 3m
- _Soft focus 22° beam or a 10° projection beam
- _Full 360° rotation, both horizontal and vertical
- _Philips Core Technologies used:
 - Chromacore®** – An unprecedented means for adding intelligence to LED illumination devices
 - Optibin®** – Production process that ensures light output and colour consistency

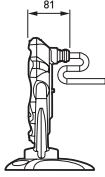
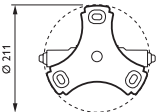
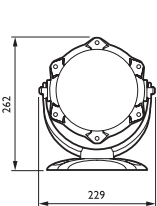




This is an interactive fountain and will change according to the hand print touched

C-Splash 2

Standard features



Light source

18 x LED-HB

Light colour

Tri-colour: red, green, blue (RGB)

Power supply

24V DC

Power consumption

Max 25W at full intensity

Optic

Narrow beam: 10°

Medium beam: 22°

Options

Lighting controls: Philips full line of DMX controllers

Materials and finishing

Housing: cast brass (BRS)

Cover: tempered glass

Housing

Brass finished

Installation

Surface mounted with separately available PDS-150e or

PDS-60-24V drivers

Locking base swivel: after-installation rotation up to 360° rotation

Locking fixture rotation: 360°

Operating temperature: -40°C < Ta < 50°C

Lifetime

50,000 hours (50% lumen maintenance)

Accessories

Range of drivers

Remarks

External power/data supply and controls required

Not suitable for human-occupied underwater locations

Chromacore®, Optibeam®

Main applications

Underwater applications indoor and outdoor

Classification code



Project:
South Marine Park,
South Shields_

Parties involved:
Philips Lighting_
Lite Ltd_
Stainton LDS_

Product Selection

C-Splash 2 – BCP468	Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
	 RGB	10	10	25 (max)	70185800
		22	10	25 (max)	70184100

System Components

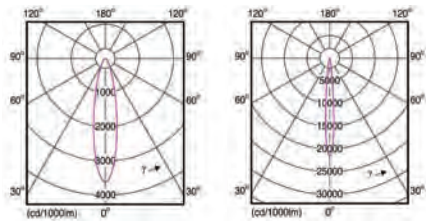
Power Supply	Product	Description	Order Code
	PDS-60 24V	Up to 2 fittings per supply	71085499
	PDS-150e 24V	Up to 6 fittings per supply	71081699

Controls (See page 524 for full list of controls)	Product	Order Code
	i-Player3	70058599
	ColourChaser Touch	80896300
	Light System Manager	71442500
	(Other third party DMX controllers will work with this product)	

Polar Intensity Diagram (For further Photometric data please contact our technical department)

C-Splash 2 22°
RGB BCP468
Lamp: 1 x 18 LEDs
Luminaire Lumens: 1 x 305

C-Splash 2 10°
RGB BCP468
Lamp: 1 x 18 LEDs
Luminaire Lumens: 1 x 301



Underwater LED

- _Illumination of architecture as well as fountains
- _Family of products: surface spot and recessed
- _Fully submersible to a depth of 10m
- _Choice of beams
- _Single colour or RGB versions
- _Sea water and chlorine applications

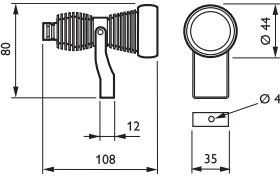




Project:
_Helmond Castle,
The Netherlands

Underwater LED Surface Mounted

Standard features



Type

Light source

Light colour

Power supply

Power consumption

Optic

Options

Materials and finishing

Housing

Installation

Lifetime

Accessories

Remarks

Main applications

Classification code

BCB45 I (Surface Mounted)

3 x LUXEON® K2

Single-colour: cool white (CW), blue (BL)

Tri-colour: red, green, blue (RGB)

Current driven, 350mA, 700mA

Max 8W

Beam angles 10, 25 and 40°

Lighting controls (for RGB version): for RGB version:
Philips full line of DMX controllers, with slave interface

Housing: machined brass and anodised aluminium

Bracket: stainless steel, tempered glass

Polished Chrome

Surface mounted with separate available ECB450/45 I range
of drivers (and ECB45 I DMX slave for Tri-colour)

No preference in orientation

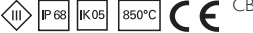
Operating temperature: -20°C < Ta < 35°C

50,000 hours (70% lumen maintenance)

Range of drivers and DMX slave

Please note external components to be ordered separately

Underwater; outdoor and indoor



Product Selection

Underwater LED

3 x LED Surface Mounted Single-colour – BCB45 I

Light Colour

● Cool white

Beam (°)

10

25

40

Weight (kg)

0.54

0.54

0.54

Power (w)

8

8

8

80787499

80790499

80793599

Underwater LED

Tri Colour – BCB45 I



● Blue

10

25

40

● RGB

10

25

40

0.54

0.54

0.54

0.60

0.60

0.60

8

8

8

8

8

8

80788199

80791199

80794299

80789899

80792899

80795999

System Components

Single-colour Components	Product	Power	Order Code
(To be ordered separately)	Driver	10W	80837699
	Driver	36W	80838399

(The total power consumption of the LEDs determines how many and which driver you need. If unsure about the driver choice please contact your local Philips representative)

Tri-colour System Components	Product	Power	Order Code
	DMX Slave	60W	80842099

(Multiple slaves can be connected to the drivers, as long as the total power consumption does not exceed driver specifications)

Power Supply Unit	10W	80837699
Power Supply Unit	36W	80838399

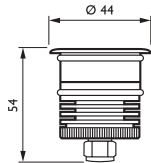
Controls	Product	Order Code
(See page 524 for full list of controls)	i-Player3	70058599
	ColourChaser Touch	80896300

Underwater LED Recessed

Standard features	Type	BBB45 I (Recessed)
	Light source	1 x or 3 x LUXEON® K2
	Light colour	Single-colour: warm white (VWV), cool white (CW), blue (BL) Tri-colour: red, green, blue (RGB)
	Power supply	Current driven, 350mA, 700mA
	Power consumption	1 x LED version: max 3W 3 x LED version: max 8W
	Optic	Beam angles 10, 25 and 40°
	Options	Lighting controls (for RGB version): for RGB version: Philips full line of DMX controllers, with slave interface
	Materials and finishing	Housing: machined brass and anodised aluminium, tempered glass Recessed box: plastic
	Colour	Glossy silver
	Installation	In recessing box, delivered with the luminaire, with separate available ECB450/45 I range of drivers (and ECB45 I DMX slave for Tri-colour version) No preference in orientation Operating temperature: -20°C < Ta < 35°C
	Lifetime	50,000 hours (70% lumen maintenance)
	Accessories	to be order separately, recessed mounnign box, range of drivers and DMX slave
	Remarks	External driver required
	Main applications	Underwater, outdoor and indoor
	Classification code	    

Product Selection

Underwater LED Recessed Single-colour I LED – BBB45 I



Light Colour

● Blue

● Cool white

● Warm white

Beam (°)

10

25

40

10

25

40

10

25

40

Weight (kg)

0.27

0.27

0.27

0.27

0.27

0.27

0.27

0.27

0.27

Order Code

80773799

80775199

80777599

80772099

80774499

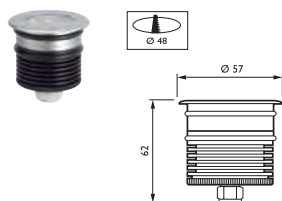
80776899

81581799

81582499

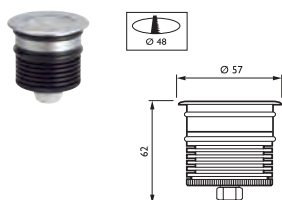
81583199

Underwater LED Recessed Single-colour 3 LED – BBB45 I



Light Colour	Beam (°)	Weight (kg)	Order Code
● Blue	10	0.35	80779999
	25	0.35	80782999
	40	0.35	80785099
● Cool white	10	0.35	80778299
	25	0.35	80781299
	40	0.35	80784399
● Warm white	10	0.34	81578799
	25	0.34	81579499
	40	0.34	81580099

Underwater LED Recessed Tri Colour 3 LED – BBB45 I



Light Colour	Beam (°)	Weight (kg)	Order Code
● RGB	10	0.41	80780599
	25	0.41	80783699
	40	0.41	80786799

System Components

Single-colour Components	Product	Power	Order Code
	Driver	10W	80837699
	Driver	36W	80838399

(The total power consumption of the LEDs determines how many and which driver you need. If unsure about the driver choice please contact your local Philips representative)

Tri-colour System Components	Product	Power	Order Code
	DMX Slave	60W	80842099

(Multiple slaves can be connected to the drivers, as long as the total power consumption does not exceed driver specifications)

Power Supply Unit	60W	80148399
Power Supply Unit	100W	80150699
Power Supply Unit	150W	80179799

Controls

(See page 524 for full list of controls)

Product	Order Code
i-Player3	70058599
ColourChaser Touch	80896300

Wall washing / Grazing



I38

BeamerLED



I42

iColorGraze
Powercore®



I46

eColorGraze
Powercore®



I52

iW Graze
Powercore®



I56

eW Graze
Powercore®



I62

LEDline²

BeamerLED

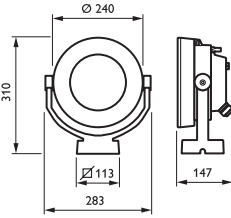
- _Accent lighting of façades, buildings, structures, parks, gardens
- _Optimum flexibility Projector with a projection reach of up to 30m with Spot version
- _4 beam options: spot, zoomspot, linear & grazing
- _Ultra low wattage (max 5W)
- _Ideal for highlighting architectural features, accent and contrast
- _Design for outdoor and Indoor use
- _Supplied with integral driver
- _Thermal management system for long lifetime
- _Available with Solgel filters
- _Beamer LED offers maximum aiming flexibility - Zoomspot adjustment, beam rotation, tilt and pan - ensuring complete freedom of instillation





BeamerLED

Standard features



Rear view



Zoomspot adjustment device

Type

Light source

Light colour

Power supply

Power consumption

Optic

Materials and finishing

Housing

Installation

Lifetime

Main applications

Classification code

BCP725

1 x LUXEON®

Single-colour version: white (WH), red (RD), green (GN), blue (BL), amber (AM), cyan (CY)

White with Solgel filter: light blue (LBL); light transmission 55%

White with Solgel filter: yellow (YE), light transmission 67%

White with dichroic filter: warm white 3400K;

light transmission 60%

110-240V AC / 50-60Hz (integrated gear, PSU)

Max 5W

Spot 2° (RND2)

Zoomspot 4-12° (RND2-6)

Linear beam 6-50° (LIN6-50)

Grazer; high-gloss narrow beam (C-NB)

Housing and U-bracket: die-cast aluminium (silver grey, RAL9006)

Optic: anodised parabolic reflector; lense and prism in methacrylate

Cover: tempered glass

Cover frame: brushed stainless steel

Grey, RAL 9006; silver (SI)

Other RAL colours available on request

Surface mounting

Max horizontal aiming: -170 to +170°

Max vertical aiming: -90 to +90°

Beam rotation (external ring on the housing): -180 to +180°

Through wiring; two M20 cable glands (3 x 2.5mm²)

Operating temperature: -20°C < Ta < 35°C

50,000 hours (70% lumen maintenance)

Accent lighting of façades, buildings, structures, parks, gardens



Reflector and grazer plate



Spot



Zoom spot

Product Selection

BeamerLED – BCP725



Colour

- White (3400K)
- Red
- Green
- Blue
- Amber
- Cyan
- Light Blue

Weight (kg)

3.66
3.66
3.66
3.66
3.66
3.66
3.66

Order Code

47825800
47820300
47863000
47815900
47830200
47862300
47832600

BeamerLED – BCP725 Zoom Spot 4-12°



Colour

- White (3400K)
- Red
- Blue
- Cyan

Weight (kg)

4.31
4.31
4.31
4.31

Order Code

47826500
47821000
47816600
60689800

BeamerLED – BCP725 Linear Beam 6-50°



Colour

- White (3400K)
- Red
- Blue

Weight (kg)

4.31
4.31
4.31

Order Code

47828900
47823400
47818000

BeamerLED – BCP725 Grazer Narrow Beam



Colour

- White (3400K)
- Red
- Blue
- Light Blue

Weight (kg)

3.88
3.88
3.88
3.88

Order Code

47829600
47824100
47819700
47833300

Polar Intensity Diagram (For further Photometric data please contact our technical department)

BeamerLED Grazer
Cyan BCP725

Lamp: 1 x LED-LXHL-III-LB/CY
Luminaire Lumens: 37

BeamerLED Linear beam
2 x 1.3 by 2 x 25°

Medium beam Green BCP725
Lamp: 1 x LED-LXHL-III-LB/GN
Luminaire Lumens: 31

BeamerLED Linear beam
2 x 1.3 by 2 x 25°

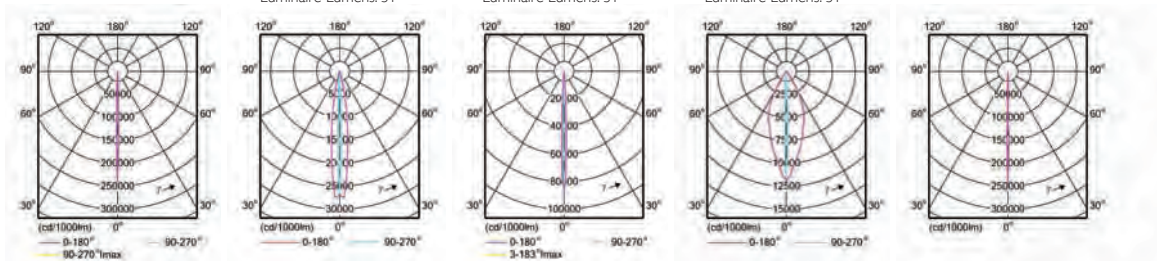
Narrow beam Green BCP725
Lamp: 1 x LED-LXHL-III-LB/GN
Luminaire Lumens: 31

BeamerLED Linear beam
2 x 1.3 by 2 x 25°

Wide beam Green BCP725
Lamp: 1 x LED-LXHL-III-LB/GN
Luminaire Lumens: 31

BeamerLED Spot beam
2 x 1.1° White BCP725

Lamp: 1 x LED-LXHL-III-LB/WH
Luminaire Lumens: 33



For further information call 01483 293 258

iColorGraze Powercore®

- _Linear fixture for surface grazing & wall washing
- _Available in 4 lengths
- _4 Beam Angles
- _Each (305mm) section is individually addressable
- _Direct mains connection for ease of installation
- _Seamless connection
- _Philips Core Technologies used:

Powercore® technology – Power and data combined, eliminating the need for an external power supply

Chromacore® – An unprecedented means for adding intelligence to LED illumination devices

Optibin® – Production process that ensures light output and colour consistency

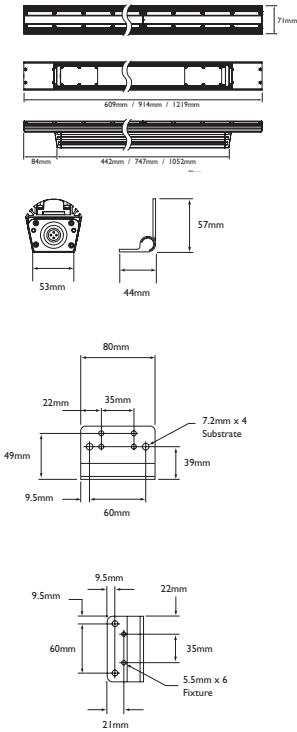




Project:
_Private Residence, USA
Photographer:
_John Brandon Miller

iColorGrazе Powercore®

Standard features



Type

Light source

Light colour

Power consumption

Power/data supply

Driver

Optic

Controls

Options

Material and finishing

Installation

Operating temp.

Max vertical aiming

Connection

Lifetime

Accessories

Main applications

Classification code

BCS459

24 x LED-HB (609mm length version)

36 x LED-HB (914mm length version)

48 x LED-HB (1219mm length version)

Tri-colour: red, green, blue (RGB)

609mm length version: 35W

914mm length version: 52.5W

1219mm length version: 70W

Not integrated, data enabler to be ordered separately

100-240V AC / 50-60Hz

10° x 60°

30° x 60°

Philips full line DXM512 (RS-485) controllers

External driver (Data enabler)

Housing: anodised aluminium, extruded

Lens: clear polycarbonate

Fixation with mounting hinge on surface

-20°C < Ta < 50°C

115°

Integral male / female waterproof connector IP66

50,000 hours, 70% lumen maintenance at Ta = 50 °C

Jumper cables (end-to-end 0mm, 305mm, 1500mm)

Leader cables (15, 2 m)

Architectural wallwash and grazing lighting applications: buildings, façades, bridges



Product Selection

iColorGrazе Powercore® – BCS459



Light Colour



RGB

Length (mm)

Beam (°)

Power (w)

Weight (kg)

Order Code

305	9x9	14	1.2	70464499
305	10x60	14	1.2	70465199
305	15x30	14	1.2	70466899
305	30x60	14	1.2	70467599
305	60x30	14	1.2	70468299
609	9x9	35	2.2	70469999
609	10 x 60 (10)	35	2.2	71580499
609	15x30	35	2.2	70470599
609	30 x 60 (30)	35	2.2	71581199
609	60x30	35	2.2	70471299
914	9x9	52.5	3.6	70480400
914	10 x 60 (10)	52.5	3.6	71575000
914	15x30	52.5	3.6	70481100
914	30 x 60 (30)	52.5	3.6	71578100
914	60x30	52.5	3.6	70482800
1219	9x9	70	4.9	70483500
1219	10 x 60 (10)	70	4.9	71576700
1219	15x30	70	4.9	70484200
1219	30 x 60 (30)	70	4.9	71579800
1219	60x30	70	4.9	70485900

System Components

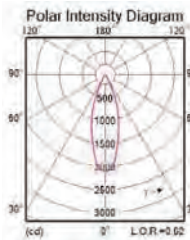
Data Enabler	Product	Order Code
	DMX	27556799
	Ethernet	71053399

Controls	Product	Order Code
(See page 524 for full list of controls)	i-Player3	70058599
	ColourChaser Touch	80896300
	Light System Manager	71442500
	Video System Manager	71443200
	(Other third party DMX controllers will work with this product)	

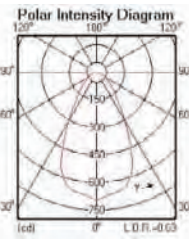
Cables	Product	Length (mm)	Order Code
	Leader Cable	15200	71511899
	Jumper Cable (end to end connector)	0	71505799
	Jumper Cable	305	71506499
	Jumper Cable (1.5m)	1500	71507199

Polar Intensity Diagram (For further Photometric data please contact our technical department)

Medium Beam Disc



Wide Beam Disc



eColorGraze Powercore®

- _Linear fixture for surface grazing & wall washing
- _Available in 4 lengths
- _4 Beam Angles
- _Tri colour, available in Amber, Blue, Green and Red
- _Direct mains connection for ease of installation
- _Seamless connection
- _Philips Core Technologies used:

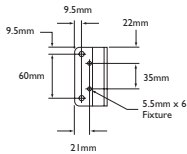
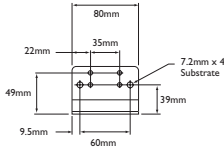
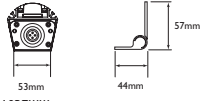
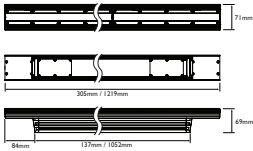
Powercore® technology – Power and data combined, eliminating the need for an external power supply

Optibin® – Production process that ensures light output and colour consistency





Standard features



Type

Light source

Light colour

Power consumption

Power/data supply

Driver

Optic

Controls

Material and finishing

Installation

Operating temp.

Max vertical aiming

Lifetime

Accessories

Main applications

Classification code

BCS439

12 x LED-HB (305mm length version)
24 x LED-HB (609mm length version)
36 x LED-HB (914mm length version)
48 x LED-HB (1214mm length version)
Amber (RD), Blue (BL), Amber (AM), Green (GN)
305mm length version: 14W
609mm length version: 35W
914mm length version: 52.5W
1214mm length version: 56.3W

Integrated

100 / 120 / 230 / 277V AC / 50-60Hz

10° x 60° (10)

30° x 60° (30)

Line Switch, ELV commercially available dimmers

Housing: anodised aluminium, extruded

Lens: clear polycarbonate

Fixation with mounting hinge on surface

-40°C < Ta < +50°C

115°

50,000 hours, 70 % maintenance at Ta = 50°C

Jumper cables (end-to-end 0mm, 305mm, 1500mm)

Leader cables (15, 2m)

Architectural wallwash and grazing lighting applications: buildings, facades, bridges



Product Selection

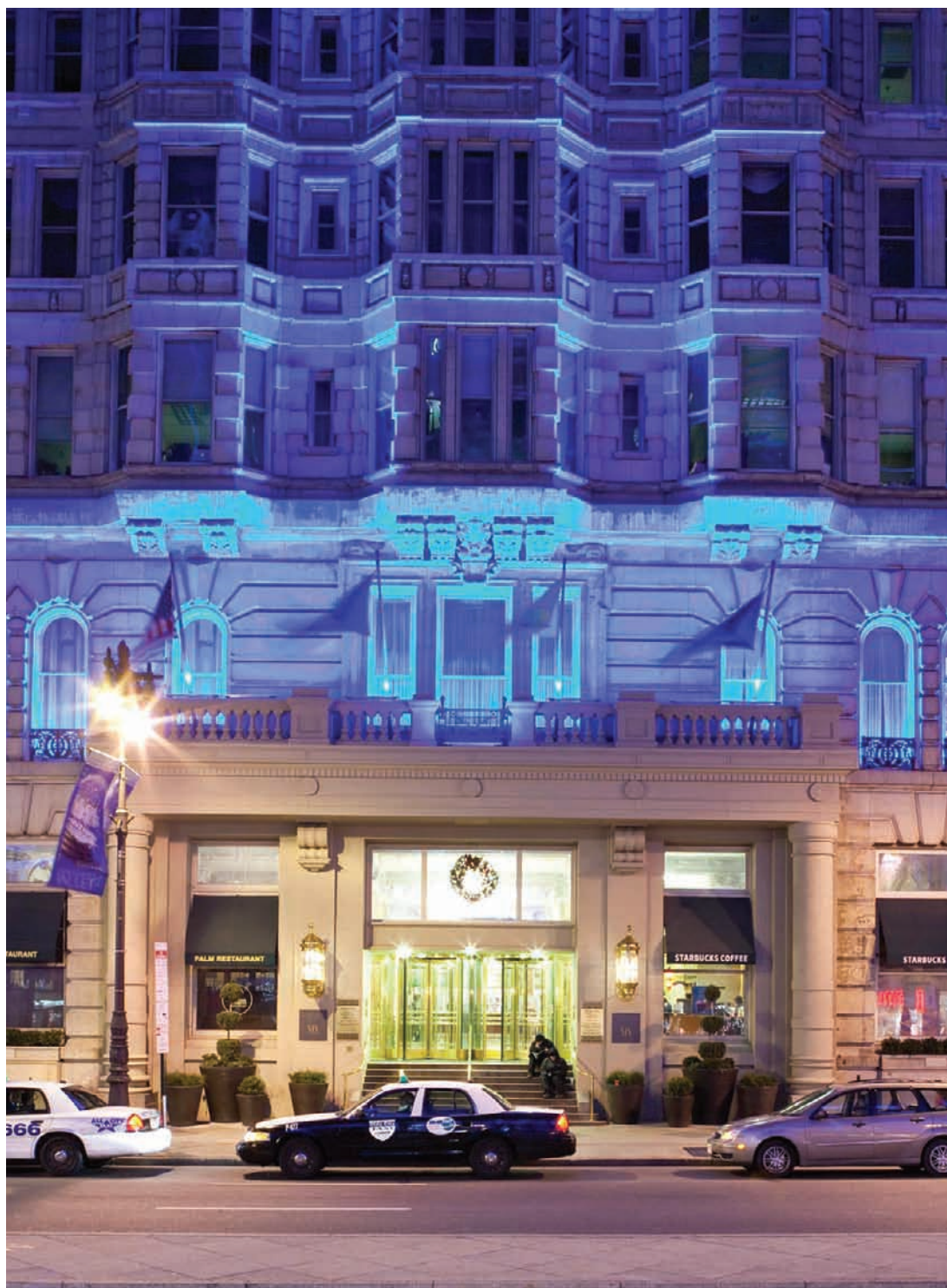
eColorGraze Powercore® – BCS439	Light Colour	Length (mm)	Beam (°)	Power (w)	Weight (kg)	Order Code
	● Amber	305	9x9	14	1.2	70344999
		305	10x60	14	1.2	70348799
		305	15x30	14	1.2	70352499
		305	30x60	14	1.2	70356299
		305	60x30	14	1.2	70360999
		609	9x9	35	2.2	70364799
		609	10x60	35	2.2	70368599
		609	15x30	35	2.2	70372299
		609	30x60	35	2.2	70376099
		609	60x30	35	2.2	70380799
		914	9x9	52.5	3.6	70424800
		914	10x60	52.5	3.6	70428600
		914	15x30	52.5	3.6	70432300
		914	30x60	52.5	3.6	70436100
		914	60x30	52.5	3.6	70440800
		1219	9x9	56.3	4.9	70444600
		1219	10x60	56.3	4.9	70448400
		1219	15x30	56.3	4.9	70452100
		1219	30x60	56.3	4.9	70456900
		1219	60x30	56.3	4.9	70460600
	● Blue	305	9x9	14	1.2	70347099
		305	10x60	14	1.2	70351799
		305	15x30	14	1.2	70355599
		305	30x60	14	1.2	70359399
		305	60x30	14	1.2	70363099
		609	9x9	35	2.2	70367899
		609	10x60	35	2.2	70371599
		609	15x30	35	2.2	70375399
		609	30x60	35	2.2	70379199
		609	60x30	35	2.2	70383899
		914	9x9	52.5	3.6	70427900
		914	10x60	52.5	3.6	70431600
		914	15x30	52.5	3.6	70435400
		914	30x60	52.5	3.6	70439200
		914	60x30	52.5	3.6	70443900
		1219	9x9	56.3	4.9	70447700
		1219	10x60	56.3	4.9	70451400
		1219	15x30	56.3	4.9	70455200
		1219	30x60	56.3	4.9	70459000
		1219	60x30	56.3	4.9	70463700
	● Green	305	9x9	14	1.2	70346399
		305	10x60	14	1.2	70350099
		305	15x30	14	1.2	70354899
		305	30x60	14	1.2	70358699

Product Selection

Light Colour	Length (mm)	Beam (°)	Power (w)	Weight (kg)	Order Code
 Red	305	60x30	14	1.2	70362399
	609	9x9	35	2.2	70366199
	609	10x60	35	2.2	70370899
	609	15x30	35	2.2	70374699
	609	30x60	35	2.2	70378499
	609	60x30	35	2.2	70382199
	914	9x9	52.5	3.6	70426200
	914	10x60	52.5	3.6	70430900
	914	15x30	52.5	3.6	70434700
	914	30x60	52.5	3.6	70438500
	914	60x30	52.5	3.6	70442200
	1219	9x9	56.3	4.9	70446000
	1219	10x60	56.3	4.9	70450700
	1219	15x30	56.3	4.9	70454500
	1219	30x60	56.3	4.9	70458300
	1219	60x30	56.3	4.9	70462000
	305	9x9	14	1.2	70345699
	305	10x60	14	1.2	70349499
	305	15x30	14	1.2	70353199
	305	30x60	14	1.2	70357999
	305	60x30	14	1.2	70361699
 Blue	609	9x9	35	2.2	70365499
	609	10x60	35	2.2	70369299
	609	15x30	35	2.2	70373999
	609	30x60	35	2.2	70377799
	609	60x30	35	2.2	70381499
	914	9x9	52.5	3.6	70425500
	914	10x60	52.5	3.6	70429300
	914	15x30	52.5	3.6	70433000
	914	30x60	52.5	3.6	70437800
	914	60x30	52.5	3.6	70441500
	1219	9x9	56.3	4.9	70445300
	1219	10x60	56.3	4.9	70449100
	1219	15x30	56.3	4.9	70453800
	1219	30x60	56.3	4.9	70457600
	1219	60x30	56.3	4.9	70461300
	305	9x9	14	1.2	70345699

System Components

Cables	Product	Length (mm)	Order Code
	Leader Cable	15200	71509599
	Jumper Cable (end to end connector)	0	71505799
	Jumper Cable	305	71506499
	Jumper Cable (1.5m)	1500	71507199



iW Graze Powercore®

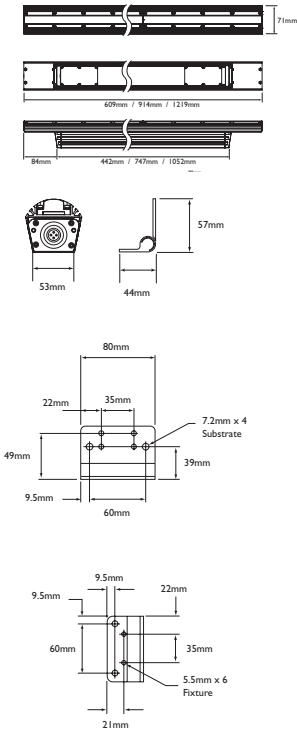
- _Linear fixture for surface grazing & wall washing
- _Available in 4 lengths
- _4 Beam Angles
- _Intelliwhite series featuring colour temperature control from 3000-6500k
- _Direct mains connection for ease of installation
- _Seamless connection
- _Philips Core Technologies used:
 - Powercore®** technology – Power and data combined, eliminating the need for an external power supply
 - Optibin®** – Production process that ensures light output and colour consistency





iWGraze Powercore®

Standard features



Type

Light source

Light colour

Power consumption

Power/data supply

Driver

Optic

Controls

Options

Material and finishing

Installation

Operating temp.

Max vertical aiming

Connection

Lifetime

Accessories

Main applications

BCS459

12 x LED-HB (305mm length version)

24 x LED-HB (609mm length version)

36 x LED-HB (914mm length version)

48 x LED-HB (1219mm length version)

Tri-colour: red, green, blue (RGB)

609mm length version: 35W

914mm length version: 52.5W

1219mm length version: 70W

Not integrated, data enabler to be ordered separately

100-240V AC / 50-60Hz

10° x 60°

30° x 60°

Philips full line DXM512 (RS-485) controllers

External driver (Data enabler)

Housing: anodised aluminium, extruded

Lens: clear polycarbonate

Fixation with mounting hinge on surface

-20°C < Ta < 50°C

115°

Integral male / female waterproof connector IP66

50,000 hours, 70% lumen maintenance at Ta = 50 °C

Jumper cables (end-to-end 0mm, 305mm, 1500mm)

Leader cables (15, 2 m)

Architectural wallwash and grazing lighting applications:
buildings, façades, bridges

Product Selection

iW Graze Powercore®

Light Colour

○ White (2700-6500K)

Length (mm)

Beam (°)

Power (w)

Weight (kg)

Order Code



305	9x9	14	1.2	70564199
305	10x60	14	1.2	70566599
305	15x30	14	1.2	70568999
305	30x60	14	1.2	70570299
305	60x30	14	1.2	70572699
609	9x9	35	2.2	70565899
609	10x60	35	2.2	70567299
609	15x30	35	2.2	70569699
609	30x60	35	2.2	70571999
609	60x30	35	2.2	70573399
914	9x9	52.5	3.6	70576400
914	10x60	52.5	3.6	70580100
914	15x30	52.5	3.6	70584900
914	30x60	52.5	3.6	70588700
914	60x30	52.5	3.6	70592400
1219	9x9	70	4.9	70577100
1219	10x60	70	4.9	70581800
1219	15x30	70	4.9	70585600
1219	30x60	70	4.9	70589400
1219	60x30	70	4.9	70593100

System Components

Data Enabler	Product	Order Code
	DMX	27556799
	Ethernet	71053399

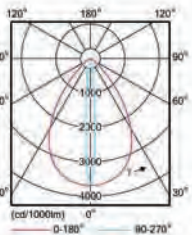
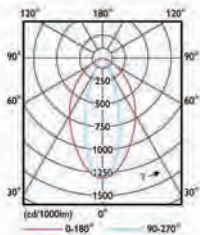
Controls	Product	Order Code
(See page 524 for full list of controls)	iW Scene Controller	71178399

Cables	Product	Length (mm)	Order Code
	Leader Cable	15200	71511899
	Jumper Cable (end to end connector)	0	71505799
	Jumper Cable	305	71506499
	Jumper Cable (1.5m)	1500	71507199

Polar Intensity Diagram (For further Photometric data please contact our technical department)

iWGraze Powercore®
30 x 60° 2700K BCS459
Lamp: 1 x 12 White LEDs
Luminaire Lumens: 1 x 384

iWGraze Powercore®
10 x 60° 2700K BCS459
Lamp: 1 x 12 White LEDs
Luminaire Lumens: 1 x 404



eW Graze Powercore®

- _Linear fixture for surface grazing & wall washing
- _Available in 4 lengths
- _4 Beam Angles
- _3 Colour Temperatures
- _Direct mains connection for ease of installation
- _Seamless connection
- _Philips Core Technologies used:

Powercore® technology – Power and data combined, eliminating the need for an external power supply

Optibin® – Production process that ensures light output and colour consistency

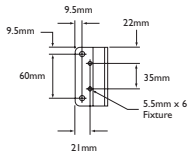
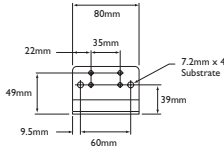
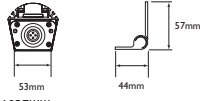
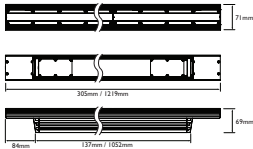




Project:
_Custom House Tower, USA
Lighting Designer:
_Lam Partners Inc.

Photographer:
_John Brandon Miller

Standard features



Type

Light source

BCS419

12 x LED-HB (305mm length version)
24 x LED-H8 (609mm length version)
36 x LED-H8 (914mm length version)
48 x LED-HB (1219mm length version)

Light colour

Warm white (2700k), Neutral White (4000k), Cool white (5500k)

Power consumption

305mm length version: 14W, 609mm length version: 35W
914mm length version: 52.5W, 1219mm length version: 56.3W

Power/data supply

Integrated

Driver

100 / 120 / 230 / 277V AC / 50-60Hz

Optic

10° x 60° (10), 30° x 60° (30)

Controls

Line Switch, ELV commercially available dimmers

Material and finishing

Housing: anodised aluminium, extruded

Lens: clear polycarbonate

Installation

Fixation with mounting hinge on surface

Operating temp.

-40°C < Ta < +50°C

Max vertical aiming

15°

Lifetime

50,000 hours, 70 % maintenance at Ta = 50°C

Accessories

Jumper cables (end-to-end 0mm, 305mm, 1500mm)

Leader cables (15, 2m)

Main applications

Architectural wallwash and grazing lighting applications: buildings, facades, bridges

Classification code



Product Selection

eW Graze Powercore® – BCS419



Light Colour	Length (mm)	Beam (°)	Power (w)	Weight (kg)	Order Code
● Warm white (2700K)	305	9x9	14	1.2	70486699
	305	10 x 60 (10)	14.5	1.2	71494499
	305	15x30	14	1.2	70490399
	305	30 x 60 (30)	14.3	1.2	71533000
	305	60x30	14	1.2	70494199
	609	9x9	35	2.2	70497299
	609	10x60	35	2.2	70500999
	609	15x30	35	2.2	70503099
	609	30x60	35	2.2	70506199
	609	60x30	35	2.2	70509299
	914	9x9	52.5	3.6	70538200
	914	10x60	52.5	3.6	70541200
	914	15x30	52.5	3.6	70544300
	914	30x60	52.5	3.6	70547400
	914	60x30	52.5	3.6	70550400
	1219	9x9	56.3	4.9	70553500
	1219	10 x 60 (10)	58.0	4.9	71496899
	1219	15x30	56.3	4.9	70557300
	1219	30 x 60 (30)	53.6	4.9	71537800
	1219	60x30	56.3	4.9	70561000
○ Neutral white (4000K)	305	9x9	14	1.2	70487399
	305	10 x 60 (10)	13.4	1.2	71495199
	305	15x30	14	1.2	70491099
	305	30 x 60 (30)	14.1	1.2	71534700
	305	60x30	14	1.2	70495899
	609	9x9	35	2.2	70498999
	609	10x60	35	2.2	70501699
	609	15x30	35	2.2	70504799
	609	30x60	35	2.2	70507899
	609	60x30	35	2.2	70510899
	914	9x9	52.5	3.6	70539900
	914	10x60	52.5	3.6	70542900
	914	15x30	52.5	3.6	70545000
	914	30x60	52.5	3.6	70548100
	914	60x30	52.5	3.6	70551100
	1219	9x9	56.3	4.9	70554200
	1219	10 x 60 (10)	57.2	4.9	71497599
	1219	15x30	56.3	4.9	70558000
	1219	30 x 60 (30)	56.4	4.9	71538500
	1219	60x30	56.3	4.9	70562700

Product Selection

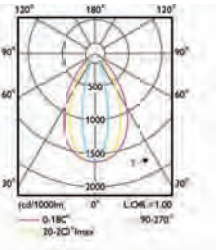
Light Colour	Length (mm)	Beam (°)	Power (w)	Weight (kg)	Order Code
● Cool white (5500K)	305	9x9	14	1.2	70488099
	305	10x60	14	1.2	70489799
	305	15x30	14	1.2	70492799
	305	30x60	14	1.2	70493499
	305	60x30	14	1.2	70496599
	609	9x9	35	2.2	70499699
	609	10x60	35	2.2	70502399
	609	15x30	35	2.2	70505499
	609	30x60	35	2.2	70508599
	609	60x30	35	2.2	70511599
	914	9x9	52.5	3.6	70540500
	914	10x60	52.5	3.6	70543600
	914	15x30	52.5	3.6	70546700
	914	30x60	52.5	3.6	70549800
	914	60x30	52.5	3.6	70552800
	1219	9x9	56.3	4.9	70555900
	1219	10x60	56.3	4.9	70556600
	1219	15x30	56.3	4.9	70559700
	1219	30x60	56.3	4.9	70560300
	1219	60x30	56.3	4.9	70563400

System Components

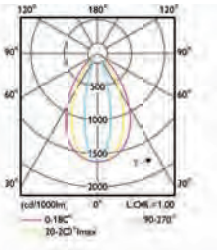
Cables	Product	Length (mm)	Order Code
	Leader Cable	15200	71509599
	Jumper Cable (end to end connector)	0	71505799
	Jumper Cable	305	71506499
	Jumper Cable (1.5m)	1500	71507199

Polar Intensity Diagram (For further Photometric data please contact our technical department)

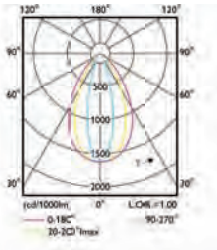
Luminaire : BCS419 48-LED-HB/
NW 30
Lampflux : 1 x 2251 lm
Measurement code : LVE1797600
Measurement date : 2010-02-16
Measurement status : Released
L.O.R. : 1.00



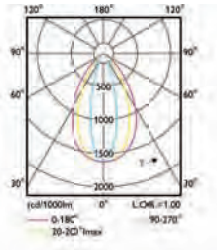
Luminaire : BCS419 12-LED-HB/NW
30 L305
Lampflux : 1 x 563 lm
Measurement code : LVE1797600
Measurement date : 2010-02-16
Measurement status : Released
L.O.R. : 1.00



Luminaire : BCS419 24-LED-HB/
NW 30
Lampflux : 1 x 1126 lm
Measurement code : LVE1797600
Measurement date : 2010-02-16
Measurement status : Released
L.O.R. : 1.00



Luminaire : BCS419 36-LED-HB/
NW 30
Lampflux : 1 x 1688 lm
Measurement code : LVE1797600
Measurement date : 2010-02-16
Measurement status : Released
L.O.R. : 1.00





LEDline² – composing with light

- _LEDline² features a choice of lengths to suit the architecture
- _High-power LUXEON™ LEDs combined with new dedicated optics
- _High-quality materials and lighting electronics
- _Minimal visual disturbance
- _Precise light distribution and uniform illuminance
- _Energy efficient
- _Environmentally sound: no toxic metals used
- _Long operating life





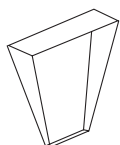
Project
_Cuza University
Romania

LEDline² – composing with light

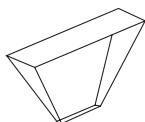
LEDline² is a high-performance, linear grazing light, creating colour-changing effects and seamless curtains of light. Available in a wide range of colours, optics and forms the linearity of LEDline² complements the geometry of the architecture, transforming light into objects.

The new white colour variations from cool to warmwhite, are ideal for enhancing architecture or façades and buildings with high-quality white light. For detailed accent lighting applications, such as ornaments or window niches, the new 150mm MiniLEDline² offers maximum lighting flexibility. A new crossbeam version is available for creating luminance effects on facades. For dynamic and scene setting applications a wide choice of controls can be used with LEDline². Overall LEDline² range offers easy installation by featuring DMX/RDM protocol and various connectors, cables lengths and mounting brackets.

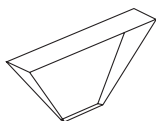
Narrow Beam



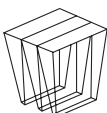
Medium Beam



Wide Beam



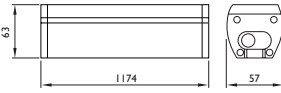
Narrow Beam – Flood





LEDline² Surface Mounted

Standard features



BCS722

Light source

Luxeon I / Luxeon K2

Light colour

Warm White, Cool White, Neutral White, Red, Green, Blue, Amber; RGB, AWB

Optics

6° Narrow Beam
30° Medium Beam
60° Wide Beam
60° Cross Wide Beam
Asymmetric Beam

Power supply

100-240V AC / 50- 60 Hz (Integrated Driver)

Power consumption

Variable - Depends on Luminaire

Electronic Interface

Dali I/I0V
DMX/RDM (for Warm White, Neutral White, RGB & AWB)

Ambient Temperature

-20°C to + 35°C

Materials

Housing & Mounting Brackets - Anodised extruded Aluminium
Cover - PPMA / Polycarbonate
Endcap - Polycarbonate (grey)

Adjustment

Locking base swivel: after installation rotation upto 350°

Installation

Surface-mounted

Lifetime

50,000 hrs (70% lumen maintenance at Ta = 25°)

Insulation Class

Class I, IK02

Remarks

Mounting Brackets included with Luminaire

IP Rating

IP66

Classification code



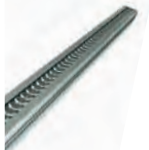
Product Selection

LEDline² Surface Mounted 150mm 6 x LEDs – BCS710

Light Colour	Beam	Beam (°)	Weight (kg)	Power (w)	Controls	Order Code
○ Natural white	Narrow	6	0.72	10	–	67877200
○ Natural white	Wide	60	0.72	10	–	67875800
● Warm white	Wide	60	0.72	10	–	67876500
● Cool white	Narrow	6	0.72	10	–	67879600
● Cool white	Wide	60	0.72	10	–	67880200

Product Selection

LEDline² Surface Mounted 300mm 12 x LEDs – BCS713



Light Colour	Beam	Beam (°)	Weight (kg)	Power (w)	Controls	Order Code
○ Natural white	Narrow	6	0.992	19	–	67883300
	Wide	60	–	19	–	67884000
● Warm white	Wide	60	0.96	19	–	67882600
	Narrow	6	–	19	–	67881900
● Amber	Narrow	6	0.936	19	–	71438700
	Narrow	6	1.078	19	DALI	71440000
	Wide	60	0.96	19	–	71441700
● Blue	Wide	60	1.102	19	DALI	71443100
	Narrow	6	0.936	19	–	71420200
	Narrow	6	1.078	19	DALI	71422600
● Cool white	Wide	60	0.96	19	–	71423300
	Wide	60	1.102	19	DALI	71425700
	Narrow	6	0.936	19	–	71414100
● Green	Narrow	6	1.078	19	DALI	71416500
	Wide	60	0.96	19	–	71417200
	Wide	60	1.102	19	DALI	71419600
● Red	Narrow	6	0.936	19	–	71432500
	Narrow	6	1.078	19	DALI	71434900
	Wide	60	0.96	19	–	71435600
● Red	Wide	60	1.102	19	DALI	71437000
	Narrow	6	0.936	19	–	71426400
	Narrow	6	1.078	19	DALI	71428800
● Red	Wide	60	0.96	19	–	71429500
	Wide	60	1.102	19	DALI	71431800

Product Selection

LEDline² Surface Mounted 600mm 6 x LEDs – BCS719



Light Colour	Beam	Beam (°)	Weight (kg)	Power (w)	Controls	Order Code
● Warm white	Wide	60	1.558	10	–	67889500
	Wide	60	1.558	10	–	71516200
● Amber	Wide	60	1.618	10	DALI	71518600
	Wide	60	1.558	10	–	71507000
● Blue	Wide	60	1.618	10	DALI	71509400
	Wide	30	1.558	10	–	71504900
● Cool white	Wide	60	1.618	10	DALI	71506300
	Wide	60	1.558	10	–	71513100
● Green	Wide	60	1.618	10	DALI	71515500
	Wide	60	1.558	10	–	71510000
● Red	Wide	60	1.618	10	DALI	71512400

Product Selection

LEDline ² Surface Mounted 600mm 24 x LEDs – BCS719	Light Colour	Beam	Beam (°)	Weight (kg)	Power Controls (w)	Order Code
	○ Natural White	Wide	60	–	–	67888800
	● Warm White	Narrow	6	–	–	67885700
	AWB	Medium	30	–	– DMX	67982300
	AWB	Wide	60	–	– DMX	67984700

LEDline ² Surface Mounted 900mm 36 x LEDs – BCS719	Light Colour	Beam	Beam (°)	Weight (kg)	Power Controls (w)	Order Code
	○ Natural White	Narrow	6	–	–	67888800
	○ Natural White	Wide	60	–	–	67902100
	● Warm White	Narrow	6	–	–	67899400
	● Warm White	Wide	60	–	–	67900700
	● Cool White	Narrow	6	–	–	67903800
	● Cool White	Wide	60	–	–	67904500
	AWB	Medium	30	–	– DMX	67994600
	AWB	Wide	60	–	– DMX	67996000
	● RGB	Medium	30	–	– DMX	67993900
	● RGB	Wide	60	–	– DMX	67995300
	● RGB	Cross Wide	60°C	–	– DMX	67998400

LEDline ² Surface Mounted 1200mm 48 x LEDs – BCS722	Light Colour	Beam	Beam (°)	Weight (kg)	Power Controls (w)	Order Code
	○ Natural White	Wide	60	–	–	67908300
	● Warm White	Narrow	6	–	–	67905200
	● RGB	Asymmetric	A	–	– DMX	67917500
	AWB	Medium	30	–	– DMX	67986100
	AWB	Wide	60	–	– DMX	67988500

System Components

Accessories	Product	Length (mm)	Order Code
	Mounting Bracket	100	71808800
	Mounting Bracket	150	67968700
	Mounting Bracket	200	67969400
	Termination Block for DMX Link with XLR5 Connections		67970000

Controls

(See page 524 for full list of controls)

Product

i-Player3

ColourChaser-Touch

Light System Manager

Video System Manager

(Other third party DMX controllers will work with this product)

Order Code

70058599

80896300

71442500

71443200

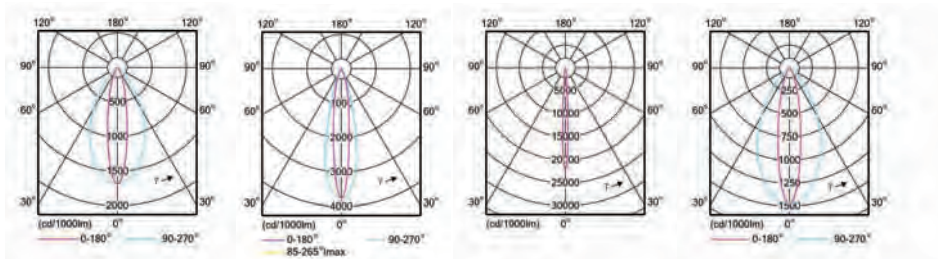
Polar Intensity Diagram (For further Photometric data please contact our technical department)

LEDline² 2 x 30° Wide beam
Neutral white Balcony BCS716
Lamp: 6 x LED-K2-R00/NW
Luminaire Lumens: 200

LEDline² 2 x 15° Medium beam
Neutral white BCS716
Lamp: 24 x LED-K2-R00/NW
Luminaire Lumens: 745

LEDline² 2 x 3° Narrow beam
Neutral white BCS716
Lamp: 24 x LED-K2-R00/NW
Luminaire Lumens: 831

LEDline² 2 x 30° Wide beam
Neutral white BCS716
Lamp: 24 x LED-K2-R00/NW
Luminaire Lumens: 702



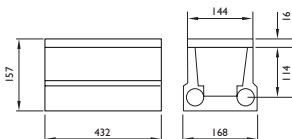
For further information call 01483 293 258

LEDline² Recessed

Standard features		
Light source	Luxeon I / Luxeon K2	
Light colour	Warm White, Cool White, Neutral White, Red, Green, Blue, Amber, RGB, AWB	
Optics	6° Narrow Beam 30° Medium Beam 60° Wide Beam 60° Cross Wide Beam Asymmetric Beam	
Power supply	100-240V AC / 50- 60 Hz (Integrated Driver)	
Power consumption	Variable - Depends on Luminaire	
Electronic Interface	Dali 1/10V DMX/RDM (RGB & AWB)	
Ambient Temperature	-20°C to + 35°C	
Materials	Housing - Black painted cast Aluminium Cover & Recessing box: Sheet steel and tempered glass (with dark-grey screen print and transparent optical window) Frames & Screws - Stainless Steel	
Installation	Recessed	
Lifetime	50,000 hrs (70% lumen maintenance at Ta = 25°)	
Insulation Class	Class I, IK10	
Remarks	Recessed Box included with Luminaire	
IP Rating	IP67	
Classification code	   	

Product Selection

LEDline² Recessed 430mm 12 x LEDs – BBS713



Light Colour	Beam	Beam (°)	Weight (kg)	Power (w)	Controls	Order Code
○ Natural white	Medium	30	–	19	–	67920500
● Warm white	Medium	30	7.508	19	–	67919900
● Amber	Narrow	6	7.484	19	–	71556800
	Narrow	6	7.626	19	DALI	71558200
	Wide	60	7.508	19	–	71559900
	Wide	60	7.65	19	DALI	71561200
● Blue	Narrow	6	7.484	19	–	71538400
	Narrow	6	7.626	19	DALI	71540700
	Wide	60	7.508	19	–	71541400
	Wide	60	7.65	19	DALI	71543800
● Cool white	Medium	30	7.508	19	–	67921200
	Narrow	6	7.484	19	–	71533900
	Narrow	6	7.626	19	DALI	71535300
	Wide	60	7.508	19	–	71536000
	Wide	60	7.65	19	DALI	71743200
● Green	Narrow	6	7.484	19	–	71550600
	Narrow	6	7.626	19	DALI	71552000
	Wide	60	7.508	19	–	71553700
	Wide	60	7.65	19	DALI	71555100
● Red	Narrow	6	0.992	19	–	71544500
	Narrow	6	7.626	19	DALI	71546900
	Wide	60	7.508	19	–	71547600
	Wide	60	7.65	19	DALI	71549000

LEDline² Recessed 722mm24 x LEDs – BBS716



Light Colour	Beam	Beam (°)	Weight (kg)	Power (w)	Controls	Order Code
○ Natural white	Medium	30	–	37	–	67923600
● Warm white	Medium	30	12.248	37	–	67922900
● Amber	Narrow	6	12.2	37	–	71586500
	Narrow	6	12.38	37	DALI	71588900
	Wide	60	12.248	37	–	71589600
	Wide	60	12.428	37	DALI	71591900
● Blue	Narrow	6	12.2	37	–	71568100
	Narrow	6	12.38	37	DALI	71570400
	Wide	60	12.248	37	–	71571100
	Wide	60	12.428	37	DALI	71573500
● Cool white	Medium	30	12.248	37	–	67924300
	Narrow	6	12.2	37	–	71562900
	Narrow	6	12.38	37	DALI	71564300
	Wide	60	12.248	37	–	71565000
	Wide	60	12.428	37	DALI	71567400
● Green	Narrow	6	12.2	37	–	71580300
	Narrow	6	12.38	37	DALI	71582700
	Wide	60	12.248	37	–	71583400
	Wide	60	12.428	37	DALI	71585800

Product Selection

LEDline² Recessed 24 x LEDs – BBS716



Light Colour

● Red

● RGB

Beam

Beam (°)

Weight (kg)

Power (w)

Controls Order Code

Narrow

6

12.2

37

–

71574200

Narrow

6

12.38

37

DALI

71576600

Wide

60

12.248

37

–

71577300

Wide

60

12.428

37

DALI

71579700

Medium

30

–

37

–

67925000

Wide

60

–

37

–

67926700

Asymmetric A

–

37

–

27927400

System Components

Accessories

Product

Order Code

BBS716 Recessed Mounting Box

71599500

BBS713 Recessed Mounting Box

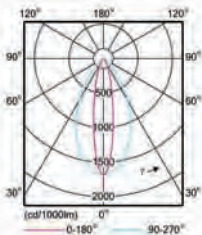
71598800

Termination Block for DMX Link
with XLR5 Connectors

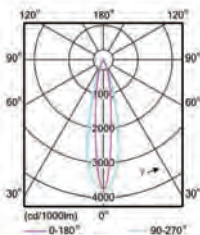
67970000

Polar Intensity Diagram (For further Photometric data please contact our technical department)

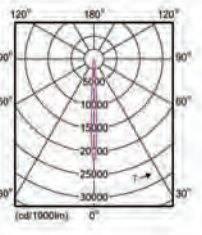
LEDline² 2 x 30° Wide beam
Neutral white Balcony BCS716
Lamp: 6 x LED-K2-R00/NW
Luminaire Lumens: 200



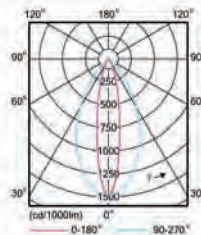
LEDline² 2 x 15° Medium beam
Neutral white BCS716
Lamp: 24 x LED-K2-R00/NW
Luminaire Lumens: 745



LEDline² 2 x 3° Narrow beam
Neutral white BCS716
Lamp: 24 x LED-K2-R00/NW
Luminaire Lumens: 831

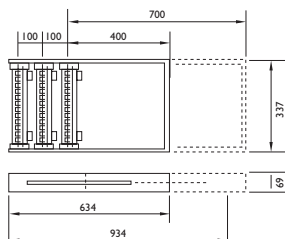


LEDline² 2 x 30° Wide beam
Neutral white BCS716
Lamp: 24 x LED-K2-R00/NW
Luminaire Lumens: 702



LEDline² Recessed Flood

Standard features



Light source	Luxeon I / Luxeon K2
Light colour	Warm White, Cool White, Neutral White, Red, Green, Blue, Amber
Optics	6° Narrow Beam
Power supply	00-240V AC / 50- 60 Hz (Integrated Driver)
Power consumption	Variable - Depends on Luminaire
Electronic Interface	Dali I/I0V DMX/RDM (RGB & AWB)
Ambient Temperature	-20°C to + 35°C
Materials	Housing -Anodised extruded Aluminium Cover & Recessing box: Sheet steel and tempered glass (with dark-grey screen print and transparent optical window) Frames & Screws - Stainless Steel
Installation	Recessed
Lifetime	50,000 hrs (70% lumen maintenance at Ta = 25°)
Insulation Class	Class I, IK02
Remarks	Mounting Frame included with Luminaire
IP Rating	IP66
Classification code	

Product Selection

LEDline² Recessed Flood 36 x LEDs – BVS733



Light Colour	Beam	Beam (°)	Weight (kg)	Power (w)	Controls	Order Code
AGB	Narrow	6	7.5	–	–	71592600
	Narrow	6	1.3	–	DALI	71594000
Blue	Narrow	6	6.832	–	–	71595700
	Narrow	6	7.092	–	DALI	71597100

System Components

Accessories	Product	Order Code
	Empty Mounting Frame	97974800
Controls	Product	Order Code
(See page 524 for full list of controls)	ColourChaser DMX144	73089900
	ColourChaser Touch	80896300
	iPlayer3	70058599

Direct view



176
iColor Accent
MX Powercore®



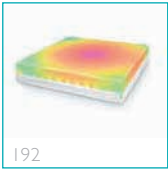
180
iColorFlex
LMX



184
iColorFlex
MX



188
eW Flex
SLX



192
iColorTile
MX 2.2



198
VidiWall

iColor Accent MX Powercore®

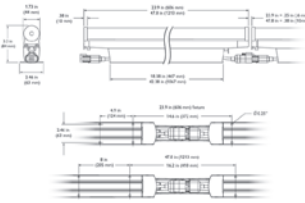
- _ iColor® Accent MX Powercore is a direct view linear LED fixture ideally suited for creating long ribbons of color and color-changing effects
- _ Flexible positioning
- _ Over-molded, end-to end locking connectors supply both power and data
- _ Exceptional viewing angles
- _ Available in 2 ft and 4 ft lengths
- _ Excellent colour uniformity
- _ IP66-rated fixture meets the taxing requirements of outdoor and entertainment applications
- _ The extruded aluminum housing resists shock, vibration, and other forms of rough handling





iColor Accent MX Powercore®

Standard features



Type

Light source

Light colour

Power consumption

Power Supply

Materials and finishing

Lifetime

Classification code

Remarks

Viewing angle

BCP495

380 x LEDs 2'

760 x LEDs 4'

RGB

10 W per foot maximum at full output, steady state

100 – 240 VAC, auto-switching, 50 / 60 Hz
via Data Enabler Pro

Housing: Sealed plastic and extruded aluminum
Lens: Translucent plastic

50,000 hours

UL / cUL, CE, IP66

Power/data supply and controls need to be ordered seperately

180°

Product Selection

Type	Light Colour	Length	LEDs	Weight kg	Order code
BCP495 100xLED-LP/RGB 100-240V	 RGB	2ft	380	2	88417999
BCP495 200xLED-LP/RGB 100-240V	 RGB	4ft	760	4.2	88418699

System Components

Accessories	Product	Description	Order Code
Leader Cable	ZCP494 C15250FL	50ft	71075599
Jumper Cable	ZCP494 C305FL	1ft	71076299
	ZCP494 C610FL	2ft	71079399
	ZCP494 C1525FL	5ft	71078699
	ZCP494 C3050FL	10ft	71077999
Data Enabler Pro	ZCX400 100-240V DATA ENABLER PRO EU		88324099

iColor Flex LMX

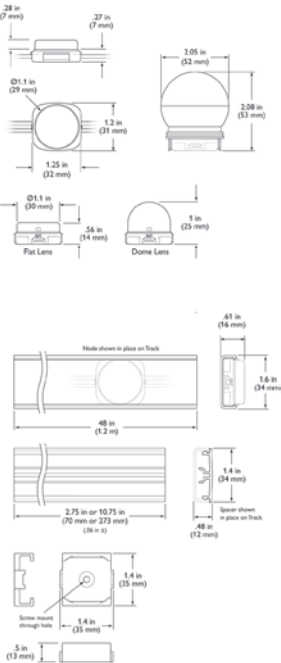
- _iColor® Flex LMX is a flexible strand of large, high-intensity, full-color LED nodes designed for extraordinary effects and expansive installations without the constraints of fixture size or shape
- _Each iColor Flex LMX strand consists of 50 individually addressable LED nodes, featuring dynamic integration of power, communication, and control
- _Flexible form factor allows unique, cost-effective lighting installations, including two and three dimensional video displays
- _Works seamlessly with the complete Philips line of controllers, including Video System Manager, Light System Manager, and iPlayer 3, as well as third-party DMX
- _Single node mounts can be positioned individually to support complex geometries. Standard 50-node lengths can be shortened in the field
- _Strands can be mounted to a surface, like traditional string lights, and on tracks to ensure straight linear runs. Snap-on spacers hide cabling and mounting hardware
- _Durable and weather-resistant
- _Fully sealed for maximum fixture life and IP66-rated for outdoor applications





iColor Flex LMX

Standard features



Type	BGC493
Light colour	RGB
Power consumption	50W max at full intensity per 50 nodes
Power supply	24V DC
Materials and finishing	White or black polycarbonate
Operating temp.	-20 deg to 50 deg
Lifetime	50000 hours
Classification code	IP 66, UL / cUL, CE
Remarks	Power/data supply and controls need to be ordered seperately
Number of LEDs per pixel	3
Number of RGB pixels per string	50
Luminous intensity per pixel	6.56cd full on
Viewing angle	92 deg - 260 deg
Lenses	Clear flat lens, Translucent dome, Clear marquee, Semi-frosted marquee, Translucent marquee
Pixel Pitch	102mm (4"), 305mm (12") Custom spacing from 51mm (2") to 610mm (24") available

Product Selection

Type	Light Colour	String Colour	Pixel Pitch (")	Beam (°)	Lens	Order Code
BGC493 50xLED-MD/RGB 24V 115 CLFT4 BK	 RGB	Black	4	115	Clear Flat	70243599
BGC493 50xLED-MD/RGB 24V 115 CLFT12 BK	 RGB	Black	12	115	Clear Flat	70244299
BGC493 50xLED-MD/RGB 24V 115 CLFT4 WH	 RGB	White	4	115	Clear Flat	70245999
BGC493 50xLED-MD/RGB 24V 115 CLFT12 WH	 RGB	White	12	115	Clear Flat	70246699
BGC493 50xLED-MD/RGB 24V 145 TSDM4 BK	 RGB	Black	4	145	Translucent Dome	70247399
BGC493 50xLED-MD/RGB 24V 145 TSDM12 BK	 RGB	Black	12	145	Translucent Dome	70248099
BGC493 50xLED-MD/RGB 24V 145 TSDM4 WH	 RGB	White	4	145	Translucent Dome	70249799
BGC493 50xLED-MD/RGB 24V 145 TSDM12 WH	 RGB	White	12	145	Translucent Dome	70250399

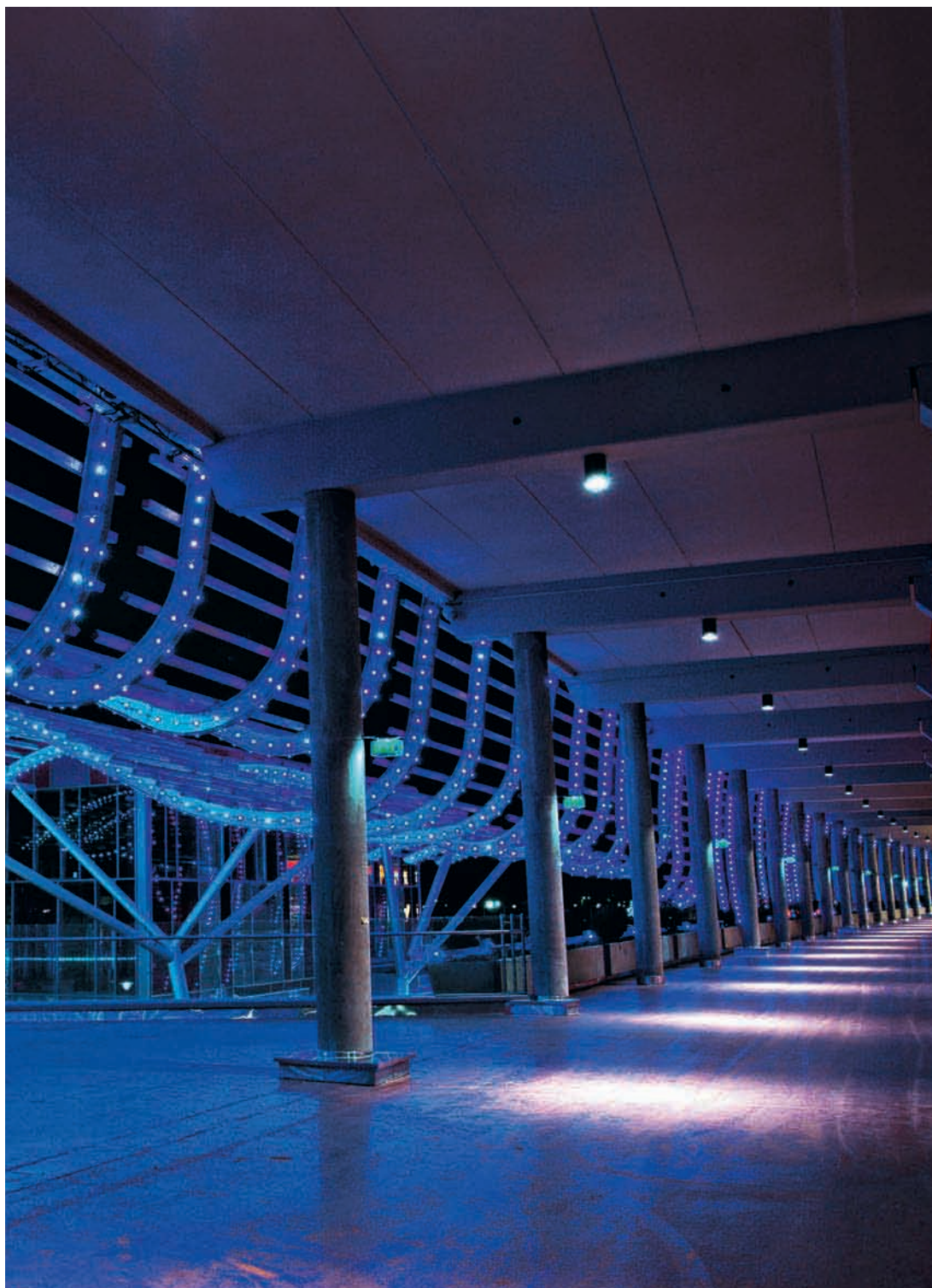
System Components

Accessories	Product	Description	Order Code
Power Supply	ZCX400 SPDS-480CA 24V-480W 8PORTS		71099100
	ZCX400 PDS-60CA 24V		71084799
	ZCX400 PDS-60CA 24V DMX		71560699
	ZCX400 PDS-60CA 24V ETHER		71561399
	ZCX400 SPDS-60CA 24V-60W		71095399
Mounting Tracks	ZGC491 RA WH	4ft white	71033599
	ZGC491 RA BK	4ft black	71034299
Track Spacers	ZGC491 SPA-4 (50PCS)	4inch white	71037399
	ZGC491 SPA-4 BK (50PCS)	4inch black	71041099
	ZGC491 SPA-12 (50PCS)	12inch white	71038099
	ZGC491 SPA-12 BK (50PCS)	12inch black	71042799
Single Node Holder	ZGC491 NH WH (50PCS)	white	71035999
	ZGC491 NH BK (50PCS)	black	71036699
Marquee Lens Kits	ZGC493 FIX PCC WH (50PCS)	Clear lens white	79251100
	ZGC493 FIX PCC BK (50 PCS)	Clear lens black	79252800
	ZGC493 FIX PCO WH (50 PCS)	Semi-frosted lens white	79253500
	ZGC493 FIX PCO BK (50 PCS)	Semi-frosted lens black	79409600
	ZGC493 FIX PCF WH (50 PCS)	Translucent lens white	79410200
	ZGC493 FIX PCF BK (50 PCS)	Translucent lens black	79411900

iColor Flex MX

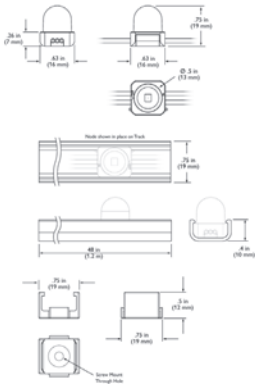
- _iColor® Flex MX is a multi-purpose, high-intensity strand of 50 full-color LED nodes for generating extraordinary effects without the constraints of fixture size or shape
- _iColor Flex MX enables patterns and video on almost any interior or exterior surface, including ceilings, floors, three-dimensional objects, sculptures, and more
- _Small node size allows installation in tighter spaces than the larger iColor Flex LMX strand
- _Works seamlessly with the complete Philips line of controllers, including Video System Manager, Light System Manager, iPlayer 3, as well as third-party DMX
- _Strands can be mounted to a surface, like traditional string lights, and on tracks to ensure straight linear runs. Snap-on spacers hide cabling and mounting
- _Single node mounts can be positioned individually to support complex geometries. Standard 50-node lengths can be shortened in the field
- _Durable and weather-resistant - Fully sealed for maximum fixture life and IP66-rated for outdoor applications
- _**Optibin®** – Production process that ensures light output and colour consistency





iColor Flex MX

Standard features



Type	BGC492
Light colour	Tri-colour: red, green, blue (RGB)
Power consumption	25W max at full intensity per 50 nodes
Power supply	7.5V DC
Materials and finishing	White or black polycarbonate
Operating temp.	-20 deg to 50 deg
Lifetime	50000 hours
Classification code	IP66, UL / cUL, CE
Remarks	Power/data supply and controls need to be ordered separately
Number of LEDs per pixel	3
Number of RGB pixels per string	50
Luminous intensity per pixel	1.44cd full on
Viewing angle	104 deg - 149 deg
Lenses	Clear flat, Clear dome, Translucent flat, Translucent dome
Pixel Pitch	102mm (4"), 305mm (12") Custom spacing from 76mm (3") to 610mm (24") available
Housing colour	White or black
Number of LEDs	50
Weight (kg)	13.4 oz (381 g) 50-node strand, 4 in on-center node spacing
Power	25W max at full intensity per 50 nodes
String Colour	White or black
Pixel pitch (mm)	102mm (4"), 305mm (12") Custom spacing from 76mm (3") to 610mm (24") available

Product Selection

Type	Light Colour	String Colour	Pixel Pitch (")	Lens	Order Code
BGC492 50xLED-MD/RGB 7.5V 120 TS DM4 WH	 RGB	White	4	Translucent Dome	70251099
BGC492 50xLED-MD/RGB 7.5V 120 TS DM12 WH	 RGB	White	12	Translucent Dome	70252799
BGC492 50xLED-MD/RGB 7.5V 120 TS DM4 BK	 RGB	Black	4	Translucent Dome	70253499
BGC492 50xLED-MD/RGB 7.5V 120 TS DM12 BK	 RGB	Black	12	Translucent Dome	70254199
BGC492 50xLED-MD/RGB 7.5V 120 CL DM4 WH	 RGB	White	4	Clear Dome	70255899
BGC492 50xLED-MD/RGB 7.5V 120 CL DM12 WH	 RGB	White	12	Clear Dome	70256599
BGC492 50xLED-MD/RGB 7.5V 120 CL DM4 BK	 RGB	Black	4	Clear Dome	70257299
BGC492 50xLED-MD/RGB 7.5V 120 CL DM12 BK	 RGB	Black	12	Clear Dome	70258999

System Components

Accessories	Product	Description	Order Code
Power Supply	ZCX400 PDS-60CA EXP CARD		71082399
	ZCX400 PDS-60CA 7.5V DMX/ ETHER		71083099
	ZCX400 SPDS-480CA 7.5V-480W 16PORTS		71096000
Mounting Tracks	ZGC490 RA WH	4ft white	71004599
	ZGC490 RA BK	4ft black	71005299
Track Spacers	ZGC490 SPA-4 WH (50 PCS)	4inch white	71019999
	ZGC490 SPA-4 BK (50 PCS)	4inch black	71020599
	ZGC490 SPA-12 WH (50 PCS)	12inch white	71021299
	ZGC490 SPA-12 BK (50 PCS)	12inch black	71022999
Single Node Holder	ZGC490 SH WH (50PCS)	white	71014499
	ZGC490 SH BK (50PCS)	black	71015199

eW Flex SLX

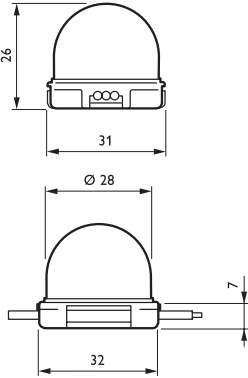
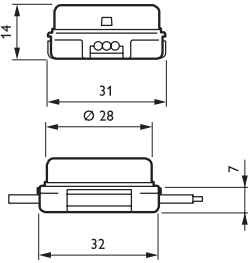
- _A versatile strand of 50 individually controllable white light LED nodes
- _Standard 50-node lengths can be shortened in the field. Custom node lengths are available
- _Each node can be individually controlled
- _Works seamlessly with the complete Philips line of controllers, including Video System Manager, Light System Manager, and iPlayer 3, as well as third-party DMX
- _Both clear and translucent dome lenses available, in warm 2700 K or cool 4200K
- _Optional marquee lenses, available in clear, translucent, and semifrosted. Snap onto flat-lens nodes creates the appearance of a traditional theatre marquee.
- _Custom housing colors available in addition to standard white
- _Strands can be mounted to a surface, like traditional string lights, and on tracks to ensure straight linear runs. Snap-on spacers hide cabling and mounting
- _IP66 rating makes the eW Flex SLX strand suitable for dry, damp and wet environments
- _**Optibin®** – Production process that ensures light output and colour consistency





eW Flex SLX

Standard features



Clear Flat



Translucent dome

Type	BGC480
Light colour	2700K or 4200K
Power consumption	50W max at full intensity per 50 nodes
Light Supply	24V DC
Materials and finishing	Polycarbonate housing and lens, white finish
Installation	Surface mounted, through hole mounted
Operating temp.	-40 deg > Ta > 50 deg
Lifetime	30,000 to 50,000 hours
Accessories	Spread lenses and trim ring (to hold each lens on the product) Honeycomb louvre and trim ring (to hold louvre on the product) Glare shield 45° and full glare shield
Main applications	Architectural, Accent Lighting
Classification code	IP 66, UL / cUL, CE
Remarks	Power/data supply and controls need to be ordered seperately
Number of LEDs per pixel	5
Number of RGB pixels per string	50
Luminous intensity per pixel	5.99cd (full on)
Viewing angle	94 deg - 260 deg
Lenses	Clear flat, Semi-frosted dome, Translucent dome, Clear marquee, Semi-frosted marquee, Translucent marquee
Pixel Pitch	102mm (4"), 305mm (12") Custom spacing available

Product Selection

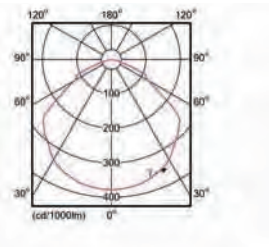
Type	Light Colour	Pixel Pitch (")	Beam Lens (°)	Order Code
BGC480 50xLED-MD/WW 24V 115 CLFT4 WH	● Warm White (2700 K)	4	115	Clear flat 71165399
BGC480 50xLED-MD/WW 24V 280 CLDM4 WH	● Warm White (2700 K)	4	280	Translucent dome 71164699
BGC480 50xLED-MD/NW 24V 115 CLFT4 WH	○ Neutral White (4000 K)	4	115	Clear flat 71169199
BGC480 50xLED-MD/NW 24V 280 TSDM4 WH	○ Neutral White (4000 K)	4	280	Translucent dome 71168499
BGC480 50xLED-MD/WW 24V 115 CLFT12 WH	● Warm White (2700 K)	12	115	Clear flat 71166099
BGC480 50xLED-MD/WW 24V 280 TSDM12 WH	● Warm White (2700 K)	12	280	Translucent dome 71167799
BGC480 50xLED-MD/NW 24V 115 CLFT12 WH	○ Neutral White (4000 K)	12	115	Clear flat 71170799
BGC480 50xLED-MD/NW 24V 280 TSDM12 WH	○ Neutral White (4000 K)	12	280	Translucent dome 71171499

System Components

Accessories	Product	Description	Order Code
Power Supply	ZCX400 SPDS-480CA 24V-480W 8PORTS		71099100
	ZCX400 PDS-60CA 24V		71084799
	ZCX400 PDS-60CA 24V DMX		71560699
	ZCX400 PDS-60CA 24V ETHER		71561399
	ZCX400 SPDS-60CA 24V-60W		71095399
	ZCX400 PS-96 24V		71098499
Mounting Tracks	ZGC491 RA WH		71033599
Track Spacers	ZGC491 SPA-12 (50PCS)		71038099
	ZGC491 SPA-4 (50PCS)		71037399
Single Node Holder	ZGC491 NH WH (50PCS)		71035999
In-line on/off adapter	ZGC480 IN-LINE ON/OFF ADAPTER		71057199
Marquee Lens Kits	ZGC493 FIX PCC WH (50PCS)	Lens kit clear, white	79251100
	ZGC493 FIX PCF WH (50 PCS)	Lens kit translucent, white	79410200
	ZGC493 FIX PCO WH (50 PCS)	Lens kit semi-fosted, white	79253500

Polar Intensity Diagram (For further Photometric data please contact our technical department)

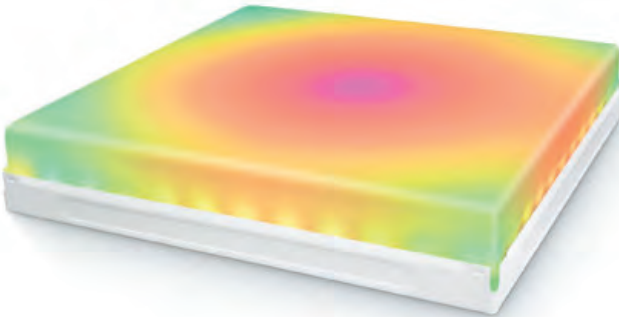
eW Flex SLX 115°
2700K BGC480
Lamp: 1 x 5 LEDs
Luminaire Lumens: 1 x 9



☎ For further information call 01483 293 258

iColorTile MX 2.2

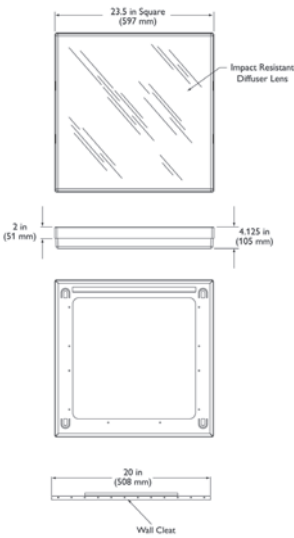
- _iColor®Tile MX is a full-color LED light panel for creating stunning light art and accents in a variety of surface-mounted and recessed applications
- _Each panel has 144 individually addressable nodes to enable an infinite variety of effects at an unprecedented level of fine-grained control and intricacy
- _iColorTile MX is a base unit for indoor applications, ideal for wall and ceiling installations. Install behind a custom panel, or use the available impact-resistant, translucent white diffuser lens for seamless, uniform optical effects
- _Optibin®, our proprietary binning optimization process, ensures optimal color consistency from fixture to fixture
- _Designed for recess and surface mounting on walls or ceilings. Capable of retrofitting ceiling tiles
- _Works with Philips full range of controllers, including Video System Manager, Light System Manager, iPlayer 3®, or third-party DMX and Ethernet controllers





iColor Tile MX2.2

Standard features



Type	BCG494
Light colour	Tri-colour: red, green, blue (RGB)
Power consumption	62 W maximum at full output, steady state
Power supply	7.5 VDC
Materials and finishing	Sheet metal housing with white powder-coated finish.
Operating temp.	-20 deg to 50 deg
Lifetime	50000 hours
Classification code	IP20, UL / cUL, CE, PSE
Remarks	Power/data supply and controls need to be ordered seperately.

Product Selection

Type	Light Colour	Power	Order Code
BCG494 144xLED-MD/RGB 7,5V 120	 RGB	62W	88004100

System Components

Accessories	Product	Description	Order Code
Lens	ZCG493 O	White translucent lens	70032599
Leader Cables	ZGC494 C7620	25ft	70598699
	ZGC494 C15240	50ft	88000399
	ZGC494 C30480	100ft	88002799
Power Supply	ZCX400 PDS-60CA EXP CARD		71082399
	ZCX400 PDS-60CA 7.5V DMX/ ETHER		71083099
	ZCX400 SPDS-480CA 7.5V-480W 16PORTS		71096000
Controls	SSLCTR LRC9628 IPLAYER3 EU (100-240V)		70058599
	CCTCTR LRC961 I COLOURCHASER TOUCH (48V)		80896300
	ZGC490 SH BK (50PCS)	black	71015199

VidiWall

Digital Signage

- _Fixed 120" LED Monitor
- _Available in pitch sizes – 4mm, 6mm & 10mm
- _Low Power Consumption
- _Low maintenance, High reliability
- _Integral video processor
- _13A Operation
- _Available Options: Lifting Eyes, Wall Mount, Content Control Software

Digital Signage

Standard features

Brightness	2000 NIT
Viewing angle	Horizontal 150° Vertical degrees +/-75°
Ingress protection	Front IP20 Rear IP20
Colour temperature	6500K
Operating temp.	+5 to +35°C
Operating humidity range	0 to 95%
Refresh rate	>150 Typical Hz
Lifetime (half brightness)	>100,000 Hours
Grey scale	16 Bit
Colour resolution	48 Bit
LED type	SMD 3 in 1
Compliance	CE, FCC, ROHS
Input formats	CVBS, S-VHS (Y/C), DVI, SDI



VidiWall

Indoor Screens

- _Specifically designed for long term usage
- _Low Power Consumption
- _Low maintenance, High reliability
- _Available in sizes 5m² – 250m²
- _Available in pitch sizes – 6mm, 10mm & 12mm
- _Available Options: Structural Framework, Audio, Content Control Software

Indoor Screens

Standard features	Brightness	2000 NIT
	Viewing angle	Horizontal 140°
		Vertical +/-70°
	Ingress protection	Front IP30
		Rear IP30
	Colour temp.	6500K
	Operating temp.	-5 to +40°C
	Operating humidity range	0 to 85%
	Refresh rate	>500 Typical Hz
	Lifetime (half brightness)	>60,000 Hours
	Grey scale	13 Bit
	Colour resolution	39 Bit
	LED type	SMD 3 in 1
	Compliance	CE, FCC, ROHS
	Input formats	CVBS, S-VHS (Y/C), DVI, SDI

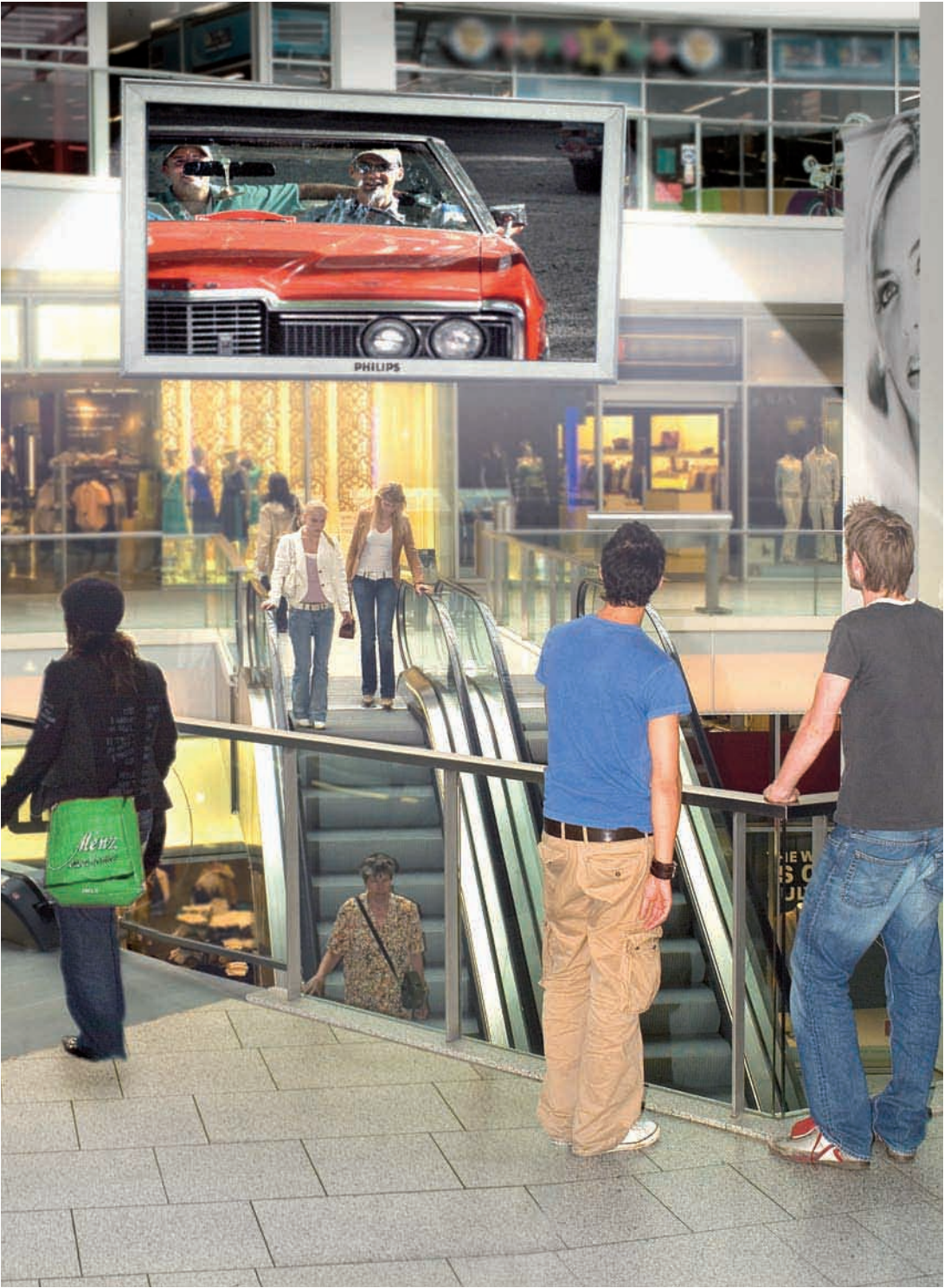


VidiWall Range

Indoor Modular LED

- _Environmentally friendly, low power consumption and high brightness
- _Top grade, selected, LEDs for optimum colour and brightness uniformity
- _Temperature controlled fans to minimise audible noise





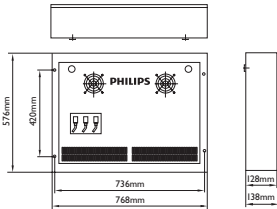
Indoor Modular LED

Standard features	Type	DA 6- 2000 S DA 10- 2000 S DA 12- 2000 S
Brightness		2000cd/m2
Viewing angle		Horizontal 140° Vertical +/-70°
Colour temperature		6500K
Refresh rate		100Hz
Display screen type		Lighting controls: Philips full line of DMX controllers
Grey scale		13 bit
Colour resolution		39 bit
LED lifetime		>60,000 hours
Operarting temperature		-5° to +40°C
Operating humidity range		10 to 85%
Refresh rate		>500 Typical H ₃
Approvals		CE, FCC, ROHS
LED type		SMD 3 in 1
Ingress protection		IP 30

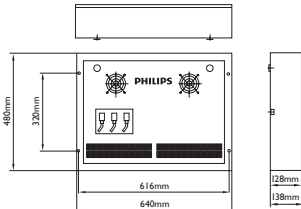
Product Selection

	Display area (m²)	Weight (kg)	Width (mm)	Height (mm)	Depth (mm)
DA 6-2000 S	0.442	17.8	768	576	143
DA 10- 2000 S	0.31	12.5	640	480	138
DA 12- 2000 S	0.442	17.8	768	576	143

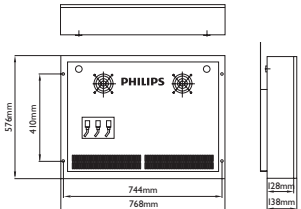
DA 6-2000 S



DA 10-2000 S



DA 12-2000 S



Indoor Fixed LED

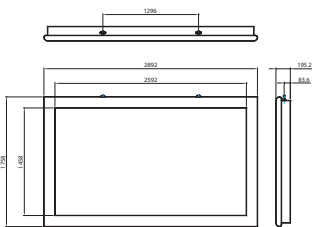
Standard features	Type	Candeo 4 I20i- VWL015 Candeo 6 I20i- VWL025 Candeo 10 I20i- VWL035
	Brightness	1200cd/m2 (Candeo 4 I20i- VWL015) 2000cd/m2 (Candeo 6 I20i- VWL025 and Candeo 10 I20i- VWL035)
	Viewing angle	Horizontal 150° Vertical +50°
	Colour temperature	6500K
	Refresh rate	100Hz
	Display screen type	3 in 1 SMD LED
	Grey scale	15 bit
	Colour resolution	45 bit
	LED lifetime	>100000 hours
	Ingress protection	IP 20

Direct view

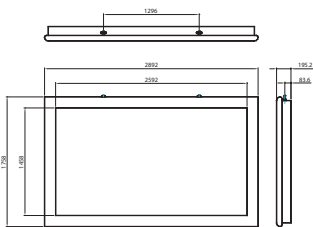
Product Selection

	Weight (kg)	Width (mm)	Height (mm)	Depth (mm)
Candeo 4 I20i- VWL014	394	2892	1758	195
Candeo 6 I20i- VWL025	363	2892	1758	195
Candeo 10 I20i- VWL035	350	2892	1758	195

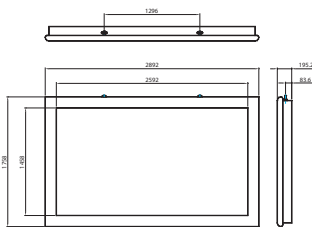
Candeo 4- I20i – VWL015



Candeo 6- I20i – VWL025



Candeo 10- I20i – VWL035



Outdoor Screens

- _Specifically designed for long term usage
- _Low Power Consumption
- _Low maintenance, High reliability
- _Available in sizes 5m² – 250m²
- _Available in pitch sizes – 10mm, 12mm, 16mm, 20mm, 25mm & 32mm
- _Available Options: Structural Framework, Audio, Content Control Software

Outdoor Screens

Standard features	Brightness	5000 NIT
	Viewing angle	Horizontal 140° Vertical 50°
	Ingress protection	Front IP65 Rear IP44/65
	Colour temp.	6500K
	Operating temp.	-20 to +50°C
	Operating humidity range	0 to 95%
	Refresh rate	>150 Typical Hz
	Lifetime (half brightness)	>70,000 Hours
	Grey scale	16 Bit
	Colour resolution	48 Bit
	LED type	5mm, oval lamp
	Compliance	CE, ETL, FCC
	Input formats	CVBS, S-VHS (Y/C), DVI, SDI



Lighting Design:
_Pitchside advertising
banner at Chelsea FC

VidiWall Range

Outdoor Modular LED

- _Environmentally friendly, low power consumption and high brightness
- _Fully weatherproof, low maintenance, closed cabinet (IP65)
for increased reliability
- _Top grade, selected, LEDs for optimum colour and
brightness uniformity
- _Temperature controlled fans to minimise audible noise
- _Ultra High Brightness (UHB) 10,000 units (DA12-25)



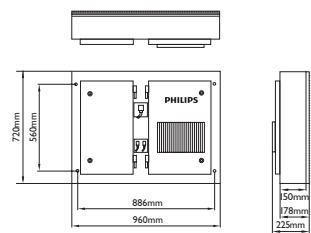
Outdoor Modular LED

Standard features	Type	DA 10-5000 S DA 12-5000 S DA 16-5000 S DA 20-5000 S DA 25-5000 S
	Brightness	5000cd/m ²
	Viewing angle	Horizontal 120° Vertical +/-25° (DA 10-5000 S, DA 12-5000 S and DA 16-5000 S) Horizontal 120° Vertical +/-25° (DA 25- 5000 S) Horizontal 120° Vertical +17° /-33° (DA 20-5000 S)
	Colour temperature	6500K
	Operating temperature	-20° to +50°
	Operating humidity range	10 to 95%
	Refresh rate	>800Hz
	Grey scale	16 bit (DA 20-5000 S) 15 bit (DA 25-5000 S and DA 16-5000 S) 13 bit (DA 12-5000 S) 12 bit (DA 10-5000 S)
	Colour resolution	48 bit (DA 16-5000 S, DA 20-5000 S and DA 25-5000 S) 39 bit (DA 10-5000 S and DA 12-5000 S)
	LED lifetime	>70000 hours
	Approvals	CE, FCC, ROHS
	LED type	3mm lamp (DA 10-5000 S and DA 16-5000 S) 5mm lamp (DA 20-5000 S and DA 25- 5000 S)
	Ingress protection	IP65

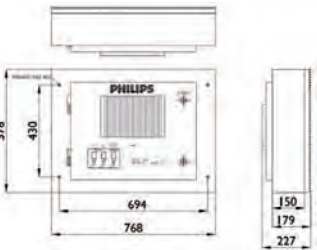
Product Selection

	Display area (m²)	Weight (kg)	Width (mm)	Height (mm)	Depth (mm)
DA 10- 5000 S	0.69	43.5	960	178	720
DA 12- 5000 S	0.44	28	768	179	576
DA 16- 5000 S	0.786	49.5	1024	183	768
DA 20- 5000 S	1.23	77.4	1280	183	960
DA 25- 5000 S	0.64	40	800	179	800

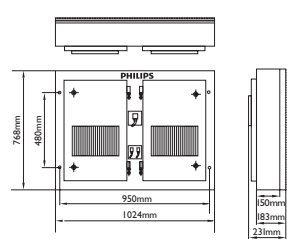
DA 10-5000 S



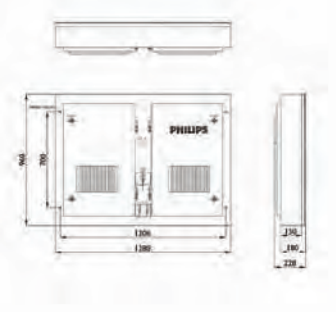
DA 12-5000 S



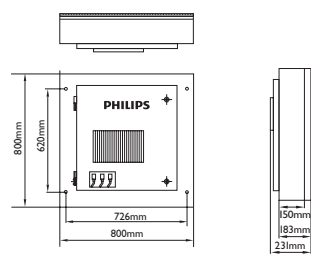
DA 16-5000 S



DA 20-5000 S



DA 25-5000 S



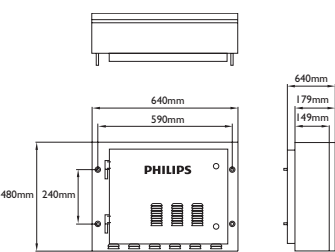
Outdoor Modular LED

Standard features	Type	DS 10-5000 S DS 20-5000 S DS 25-5000 S DS 25-5000 P
Brightness		5000cd/m ²
Colour temperature		6500K
Viewing angle		Horizontal 90° Vertical +/-25° (DS 10-5000 S) Horizontal 120°, Vertical + / -25° (DS 20-5000 S, DS 25-5000 S, DS 25-5000 P)
Operating temperature		-20° to +50°
Operating humidity range		10 to 95%
Refresh rate		>160 Hz (DS 10-5000 S) >350 Hz (DS 20-5000 S, DS 25-5000 S, DS 25-5000 P)
Grey scale		14 bit (DS 10-5000 S) 16 bit (DS 20-5000 S, DS, 25-5000 S, DS 25-5000 P)
Colour resolution		42 bit (DS 10-5000 S) 48 bit (DS 20-5000 S, DS, 25-5000 S, DS 25-5000 P) DS 25-5000 S DS 25-5000 P
LED lifetime		>70000 hours
Approvals		CE, ETL, FCC, ROHS
LED type		3mm lamp (DS 10-5000 S) 5mm lamp (DS 20-5000 S, DS, 25-5000 S, DS 25-5000 P)
Ingress protection		Front: IP65 Back: IP45

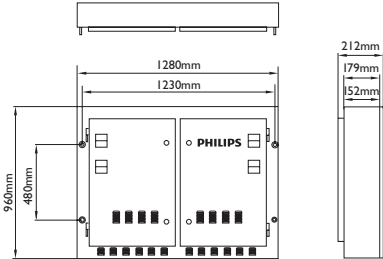
Product Selection

	Display area (m²)	Weight (kg)
DS 10-5000 S	0.31	16
DS 20-5000 S	1.23	45
DS 25-5000 S	0.64	24
DS 25-5000 P	1.28	70

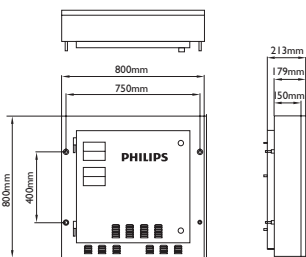
DS 10-5000 S



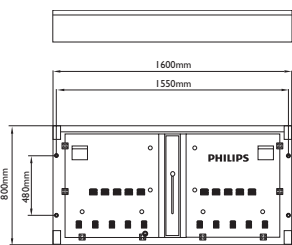
DS 20-5000 S



DS 25-5000 S



DS 25-5000 P



VidiWall Range

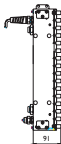
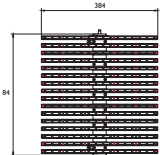
Creative LED display technology

- _Compose any shape and size of medium resolution media display
- _Support playback of animations and full speed video at high image quality
- _Lightweight and slim to enable installation on almost any surface
- _Up to 80% transparency
- _Top grade, selected LEDs for optimum colour and brightness uniformity
- _Green product due to high energy efficiency



Indoor/Outdoor Creative LED Display

Standard features



Type

dMesh 24-5000

dMesh 24- 2000

Brightness

5000cd/m2 (24-5000)

2000cd/m2 (24-2000)

Colour temperature

6500K

Viewing angle

Horizontal: 120°,Vertical: -33/+17 (24-5000)

Horizontal and vertical 140° (24-5000)

Operating temperature

-20 to +50° C (24-5000)

-20 to +40° C (24-2000)

Operating humidity range

10 to 95%

Refresh rate

>300 Hz

Grey scale

16 bit

Colour resolution

48 but

LED lifetime

>70000 hours (24-5000)

>50000 hours (24-2000)

Approvals

CE, ETL, FCC, ROHS

LED type

3mm oval lamp (24-5000)

3in1 SMD (24-2000)

Product Selection

	Tile Area (m²)	Weight (mm)	Width (mm)	Height (mm)	Depth (mm)
dMesh 24- 5000	0.147	4.2	384	384	91
dMesh 24- 2000	0.147	5	384	384	91

dTube

Standard features



Type	dTube 75mm pitch dTube 100mm pitch
Number of RGB pixels per tube	16 (75mm tube) 12 (100mm tube)
Colour resolution	48 bits
Viewing angle	Horizontal: 120°
Operating temperature	-20°C > ta >45° C
Colour	Black
Instillation	Surface mounted
Power supply	24V DC
Material housing	Aluminium base with polycarbonate tube
Ingress protection	IP66
Lifetime	50,000-70,000 hours
Dimensions	1200 x 35 x 36mm
Weight	830g
Approval	CE

Product Selection

	LEDs	Power consumption (max)	Luminous intensity (per pixel)
dTube 75mm pitch 2/075 pixel	2 x 3 in I SMD	0.6W	4cd
dTube 75mm pitch 4/075 pixel	4 x 3 in I SMD	1.0W	8cd
dTube 100mm pitch 2/100	2 x 3 in I SMD	0.6W	4cd
dTube 100mm pitch 4/100	4 x 3 in I SMD	1.0W	8cd

Contour / Cove lighting



218
iColor Cove
EC



222
iColor Cove
QLX



226
iColor Cove MX
Powercore®



230
iW Cove MX
Powercore®
Gen2



234
eW Cove EC
Powercore®



238
eW Cove
QLX
Powercore®



242
eW Cove MX
Powercore®



246
eW Fuse
Powercore®



250
eW Profile
Powercore®

iColor Cove EC

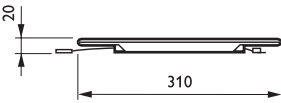
- _Interior display surface mounted product for retail and hospitality
- _Dynamic RGB lighting effects suited for alcove, accent areas and tight spaces
- _End to end mounting for continuous streams of light to achieve curves or more complex geometries
- _Low intensity
- _Wide beam angle 120 x 120°
- _2 Lengths, 30.5 & 17.8cm
- _Philips Core Technologies used:
 - Chromacore®** – An unprecedented means for adding intelligence to LED illumination devices
 - Optibin®** – Production process that ensures light output and colour consistency





iColor Cove EC

Standard features



Type	BCX440
Light source	30,5cm: 15 x LED-LP 18cm: 9 x LED-LP
Light colour	RGB
Power supply	24V DC
Power consumption	Max 2W
Controls (optional)	Philips full line of DMX controllers
Optic / cover	120° x 120°
Operating temp.	-20°C > Ta > 50°C
Lifetime	50,000 hours (50% lumen maintenance at Ta = 25°C)
Materials and finishing	Housing: plastic
Installation	Surface mounted, optional track
Remarks	Power/data supply, cables and controls needed for proper functioning; to be ordered separately
Main applications	Office, retail, hospitality
Classification code	 

Product Selection

iColor Cove EC Low Intensity – BCX440	LEDs	Length (mm)	Beam (°)	Weight (kg)	Power (w)	Order Code
	9	180	120 x 120	0.05	2	71003899
	15	305	120 x 120	0.08	4	71002199



System Components

Power Supply	Product	Fittings per supply	Order Code
	PDS-60ca 24V	40 (for 152mm)	71084799
	sPDS-60ca 24V	20 (for 305mm)	
		30 (for 152mm)	71095399
		20 (for 305mm)	

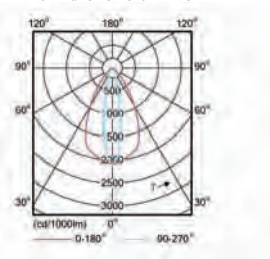
Cables	Product	Length (mm)	Order Code
	Leader Cable	9144	71061899
	Jumper Cable	305	71068799
	Jumper Cable	1525	71069499

Mounting Tracks	Product	Description	Length (mm)	Order Code
	Box of 25 Mounting Tracks	For straight runs	1219	27550500

Controls	Product	Order Code
(See page 524 for full list of controls)	i-Player3	70058599
	ColourChaser Touch	80896300
	Light System Manager	71442500
	Video System Manager	71443200
	(Other third party DMX controllers will work with this product)	

Polar Intensity Diagram (For further Photometric data please contact our technical department)

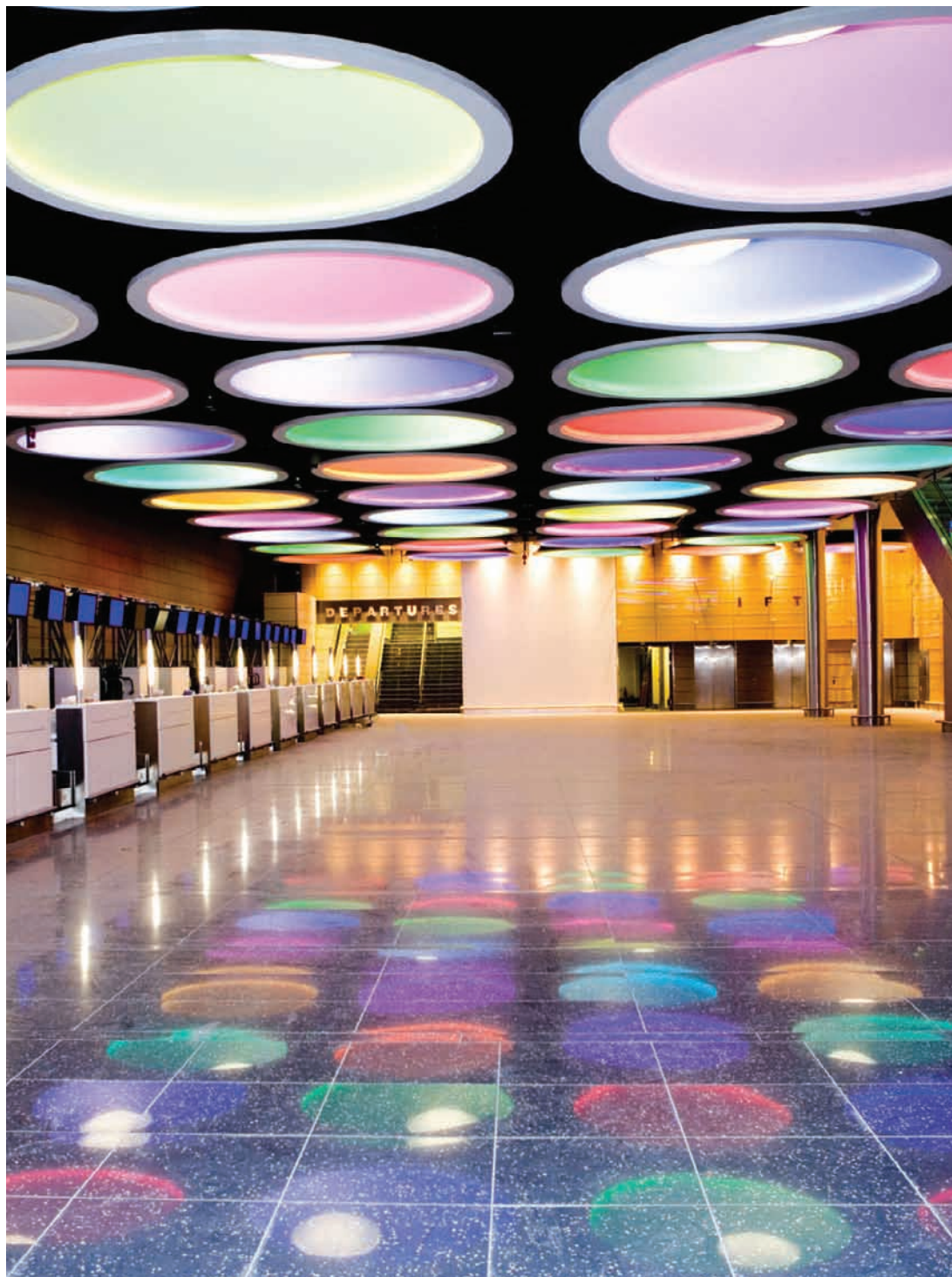
iColor Cove MX
20 x 60° RGB BCX450
Lamp: 1 x 18 LEDs
Luminaire Lumens: 1 x 93



iColor Cove QLX

- _Interior display surface mounted product for retail and hospitality
- _Dynamic RGB lighting effects suited for alcove, accent areas and tight spaces
- _End to end mounting for continuous mounting streams of light to achieve curves or more complex geometries
- _Medium intensity luminaire
- _Choice of different beam angles, 120° x 120 wide, 100° x 40 medium beam
- _180° rotation
- _2 Lengths, 30.5 & 15.2cm
- _Philips Core Technologies used:
 - Chromacore®** – An unprecedented means for adding intelligence to LED illumination devices
 - Optibin®** – Production process that ensures light output and colour consistency
 - Chromatic®** – Rapid self addressing set up

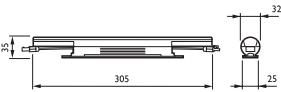




Project
_Dublin Airport

iColor Cove QLX

Standard features



Type	BCX444
Light source	30.5cm: 30 x LED-HB 15.2cm: 15 x LED-HB
Light colour	RGB
Power supply	24V DC
Power consumption	30.5cm: Max 4W 15.2cm: Max 2W
Controls (optional)	Philips full line of DMX controllers
Optic / cover	120° x 120° 100° x 40°
Operating temp.	-20°C > Ta > 50°C
Lifetime	50,000 hours (50% lumen maintenance at Ta = 25°C)
Materials and finishing	Housing: plastic
Installation	Surface mounted, optional track
Adjustment	Adjustable mounting bracket; which provides 180° aiming rotation
Remarks	Power/data supply, cables and controls needed for proper functioning; to be ordered separately
Main applications	Office, retail, hospitality
Classification code	IP 20



Product Selection

iColor Cove QLX Medium Intensity – BCX444	LEDs	Length (mm)	Beam (°)	Weight (kg)	Power (w)	Order Code
	15	152	120 x 120	0.05	2	71402999
	15	152	100 x 40	0.08	2	71404399
	30	305	120 x 120	0.15	4	71401299
	30	305	100 x 40	0.15	4	71403699

System Components

Power Supply	Product	Fittings per supply	Order Code
	PDS-60ca 24V	40 (for 152mm) 20 (for 305mm)	71084799
	sPDS-60ca 24V	30 (for 152mm) 20 (for 305mm)	71095399

Cables	Product	Length (mm)	Order Code
	Leader Cable	9144	71061899
	Jumper Cable	305	71068799
	Jumper Cable	1525	71069499

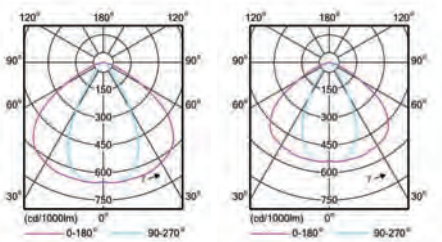
Mounting Tracks	Product	Description	Length (mm)	Order Code
	Box of 25 Mounting Tracks	For straight runs	1219	27550500

Controls	Product	Order Code
(See page 524 for full list of controls)	i-Player3	70058599
	ColourChaser Touch	80896300
	Light System Manager	71442500
	Video System Manager	71443200
	(Other third party DMX controllers will work with this product)	

Polar Intensity Diagram (For further Photometric data please contact our technical department)

iColor Cove QLX RGB
100 x 40° 30.5cm BCX444
Lamp: 1 x 30 LEDs
Luminaire Lumens: 1 x 41

iColor Cove QLX RGB
100 x 40° 15.2cm BCX444
Lamp: 1 x 15 LEDs
Luminaire Lumens: 1 x 21



iColor Cove MX Powercore®

- _Interior display surface mounted product for retail and hospitality
- _Dynamic RGB lighting effects suited for alcove, accent areas and tight spaces
- _End to end mounting for continuous mounting streams of light to achieve curves or more complex geometries
- _High intensity luminaire
- _Choice of different beam angles, 70° x 70 wide, 20° x 60 medium
- _180° rotation in 10° increments
- _Philips Core Technologies used:
 - Powercore®** technology – Power and data combined, eliminating the need of an external power supply
 - Chromacore®** – An unprecedented means for adding intelligence to LED illumination devices
 - Optibin®** – Production process that ensures light output and colour consistency

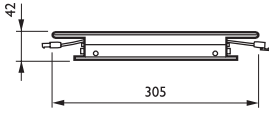




Project:
_Target Interactive Breezeway, New York
Lighting designer:
_Electroland

iColor Cove MX Powercore® Gen 2

Standard features



Type

Light source

18 x LED-HB

Light colour

RGB

Power supply

100-240V / 50-60Hz

Power consumption

12W (at full output)

Controls (optional)

Philips full line of DMX controllers

Optic / cover

70° x 70°

20° x 60°

Operating temp.

-20°C > Ta > 50°C

Lifetime

50,000 hours (50% lumen maintenance at Ta = 25°C)

Materials and finishing

Housing: powder coated aluminium

Installation

Surface mounted, optional track

Adjustment

180° rotation, with detents every 10°

Remarks

Data enabler, cables and controls needed for proper functioning; to be ordered separately

Main applications

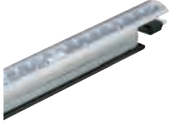
Office, retail, hospitality

Classification code



Product Selection

iColor Cove MX Powercore® High Intensity – BCX450



Light Colour



RGB

Optic

Wide Beam

Narrow Beam

Beam (°)

70 x 70

20 x 60

Weight (kg)

0,44

12

Power (w)

12

12

Order Code

27551299

27552999

System Components

Cables

Product

Length (mm)

Order Code

Leader Cable

12192

27553699

Jumper Cable

305

27554399

Jumper Cable

1525

27555099

Data Enablers

Product

Order Code

Data Enabler DMX

27556799

Data Enabler Ethernet

71053399

Controls

(See page 524 for full list of controls)

Product

Order Code

i-Player3

70058599

ColourChaser Wheel

73088200

ColourChaser Touch

80896300

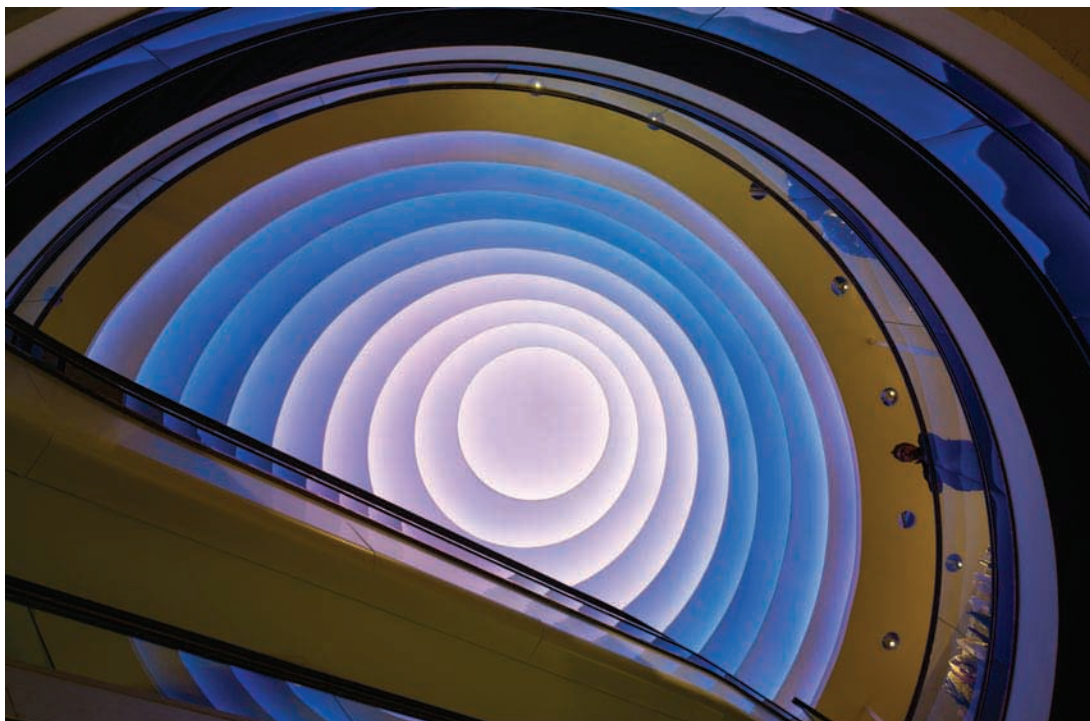
Light System Manager

71442500

Video System Manager

71443200

(Other third party DMX controllers will work with this product)



For further information call 01483 293 258

Project:
_PUB department store, Stockholm
Lighting Designer:
_Ljusarkitektur, Sweden

iW Cove MX Powercore Gen 2

- _Interior display product for retail and hospitality
- _IntelliWhite series featuring colour temperature control from 3000-6500k
- _Choice of beam angles from narrow, medium and forward throw asymmetric
- _End to end locking connectors for continuous streams of light to achieve curves or more complex geometries
- _Capable of 180° turns in 10° increments
- _Philips Core Technologies used:

Powercore® technology – Power and data combined, eliminating the need of an external power supply

Chromacore® – An unprecedented means for adding intelligence to LED illumination devices

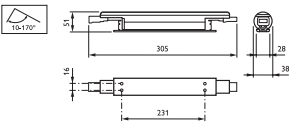
Optibin® – Production process that ensures light output and colour consistency





iW Cove MX Powercore Gen 2

Standard features



Type	LS425X iW Cove MX Powercore Gen2
Light colour	2700K - 6500K
Power consumption	15W
Driver	Powercore
Optic	110 x 110
Materials and finishing	Die cast aluminium and Polycarbonate lens
Lifetime	50,000hrs, 70% lumen maintenance at T = 25c
Colour Resolution	80



For further information call 01483 293 258

Product Selection

Type	Light Colour	Weight	Version	Optic	Power	Housing Colour	Dimming	Order Code
LS425X	● 2700K Warm White to	0.675	iW	110 x 110	15W	White	Powercore	79201699
	○ 6500K Cool White							

Accessories

Product	Length	Order Code
LS45 IZ C3050P WH CE	3050mm	79205499
LS45 IZ C1525P-M-FWH CE	1525mm	79203099
LS45 IZ C305P-M-FWH CE	305mm	79204799
ZCX450 RA L1220 BK Mounting track	1220mm	71138799

eW Cove EC Powercore®

- _Interior and Display product for retail and hospitality.
- _Highly versatile, offering end to end mounting for continuous streams of light.
- _Two different colour temperatures available 2700K and 4000K.
- _Also available in Ecolor with Amber and Blue.

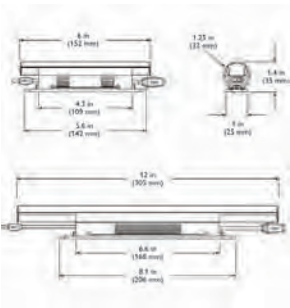
Powercore® technology – Power and data combined, eliminating the need for an external power supply supply





eW Cove EC Powercore®

Standard features



Type

BCX418 eW Cove EC Powercore

BCX417 eColor Cove

Light colour

2700K, 4000K, Amber; Blue

Power consumption

3W

Driver

Powercore

Optic

110 x 110

Materials and finishing

Injection-molded plastic, dark-gray finish, Clear Polycarbonate lens

Lifetime

50,000hrs, 70% lumen maintenance at T = 25c

Colour Resolution

80

Product Selection

Type	Light Colour	Weight	Version	Optic	Power	Housing Colour	Dimming	Order Code
BCX418	● Warm White (2700 K)	0.513	Kit	110 x 110	3W	Black	Powercore	88338799
	○ Neutral White (4000 K)	0.513	Kit	111 x 110	3W	Black	Powercore	88342499
	○ Neutral White (4000 K)	0.244	Standard	112 x 110	3W	Black	Powercore	88341799
	● Warm White (2700 K)	0.244	Standard	113 x 110	3W	Black	Powercore	88337099
BCX417	● Blue	0.244	Standard	114 x 110	3W	Black	Powercore	88329599
	● Amber	0.244	Standard	115 x 110	3W	Black	Powercore	88330199

Accessories

Product	Length	Order Code
ZCX410 C3050P	3000mm	27547599
ZCX410 C1525P-M-F	1525mm	27549999
ZCX410 C305P-M-F	305mm	27548299
ZCX410 TERMINATOR (10PCS)		71512599
ZCX410 RA L1220 Mounting track		71582899

eW Cove QLX Powercore®

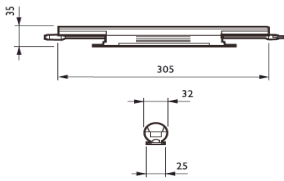
- _Interior display product for retail, hospitality and office applications
- _Choice of 2800K, 3,000 & 4200K white light colour temperatures
- _A maintenance free, cost effective, dimmable, high-luminance cove system
- _End to end locking connectors for continuous streams of light to achieve curves or more complex geometries
- _Capable of 180° rotation
- _Can be installed into mounting clips or continuous profile track
- _Choice of 2 sizes, 30.5 & 15.2cm
- _Philips Core Technologies used:
 - Powercore®** technology – Power and data combined, eliminating the need for an external power supply
 - Optibin®** – Production process that ensures light output and colour consistency





eW Cove QLX Powercore®

Standard features



Type

Light source

Light colour

BCX416

LED-HB

Warm white, 2700 K
Warm white, 3000 K
Warm white, 3500 K
Neutral white, 4000 K
Red
Green
Blue
Amber

Power consumption

12 W, steady state

Optic

Beam angles 10, 40, 110, 180°

Material

Housing: polycarbonate

Colour

White

Lifetime

50,000 hours, 70% lumen maintenance at $T_a = 25^\circ\text{C}$

Classification codes



Product Selection

eW Cove QLX Powercore®	Light Colour	Housing	Product Description	Beam	Order code
	● Warm white (2700K)	White	Single	110	70302999
	● Warm white (2700K)	White	Kit + 3.05m lead	110	70304399
	● Warm white (3000K)	White	Single	110	88018899
	● Warm white (3000K)	White	Kit + 3.05m lead	110	88020199
	● Warm white (3500K)	White	Single	110	88018899
	● Warm white (3500K)	White	Kit + 3.05m lead	110	88021899
	○ Neutral white (4000K)	White	Single	110	70303699
	○ Neutral white (4000K)	White	Kit + 3.05m lead	110	70305099
	● Red	White	Single	110	88014099
	● Green	White	Single	110	88015799
	● Blue	White	Single	110	88016499
	● Amber	White	Single	110	88017199

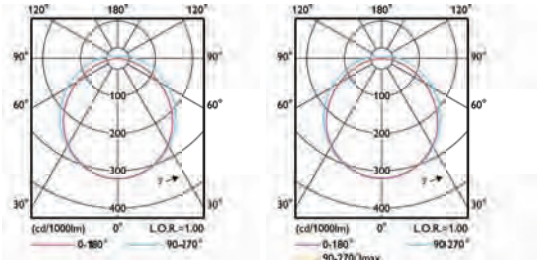
AccessoriesCables

Product Description	Length	Order code
White Jumper cable	30.5cm	70314299
White Jumper cable	1.52m	70315999
White Jumper cable	3.05m	70311199

Polar Intensity Diagram (For further Photometric data please contact our technical department)

Luminaire: BCX414 6-LED-HB/
WWW-3000K
Lampflux: 1 x 242 lm
Measurement code: ITL63583
Measurement date: 2009-12-07
Measurement status: Released
L.O.R. : 1.00

Luminaire: BCX414 6-LED-HB/
NW-4000K
Lampflux: 1 x 273 lm
Measurement code: ITL63585
Measurement date: 2009-12-07
Measurement status: Released
L.O.R. : 1.00



For further information call 01483 293 258

eW Cove MX Powercore®

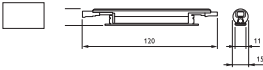
- _Interior display product for retail, hospitality and office applications
- _A maintenance free, cost effective, dimmable, high-luminance cove system
- _Choice of 2700K, 3000K, 3500K & 4200K white light colour temperatures
- _End to end locking connectors for continuous streams of light to achieve curves or more complex geometries
- _Capable of 180° rotation
- _Can be installed into mounting clips or continuous profile track
- _Choice of 10, 40, 110 & 180 beam angles (Use degree symbol)
- _Highly versatile, offering end to end mounting for continuous streams of light
- _Philips Core Technologies used:
 - Powercore®** technology – Power and data combined, eliminating the need for an external power supply
 - Optibin®** – Production process that ensures light output and colour consistency-Brings essential white lighting effects to alcoves, accent areas





eW Cove MX Powercore®

Standard features



Type

BCX416

Light source

LED-HB

Light colour

Warm white, 2700 K
Warm white, 3000 K
Warm white, 3500 K
Neutral white, 4000 K

Power consumption

12 W, steady state

Optic

Beam angles 36°

Material

Housing: polycarbonate

Colour

White

Lifetime

50,000 hours, 70% lumen maintenance at $T_a = 25^\circ\text{C}$

Classification codes



Product Selection

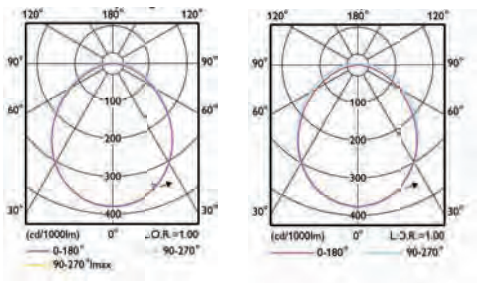
eW Cove MX Powercore®	Light Colour	Housing	Beam	Order code
	● Warm white (2700K)	White	36	88130799
	● Warm white (3000K)	White	36	88131499
	● Warm white (3500K)	White	36	88132199
	○ Neutral White (4000K)	White	36	88133899

Cables	Product	Length	Order code
	ZCX416C3050PWH	3m	88140699
	ZCX416C305P-M-FWH	305mm	88131499
	ZCX416C1525P-M-FWH	1.5m	88132199
Terminator Pack	ZCX416 Terminator (10PCS)		88146899

Polar Intensity Diagram (For further Photometric data please contact our technical department)

Luminaire : eW Cove MX
Powercore® 10xLED/2700K
110 Deg
Lampflux : 10 x 53 lm
Measurement code :
ITL63482
Measurement date :
Measurement status :
Unknown
L.O.R. : 1.00

Luminaire : eW Cove MX
Powercore® 10xLED/4000K
110 Deg
Lampflux : 10 x 63 lm
Measurement code :
ITL63485
Measurement date :
Measurement status :
Unknown
L.O.R. : 1.00



eW Fuse Powercore

- _eW Fuse Powercore is designed internal grazing applications
- _Highly versatile, offering end to end mounting for continuous streams of light
- _Offer four different colour temperatures 2700K, 3000K, 35000K and 4000K
- _Available in 10 degree and 30 degree

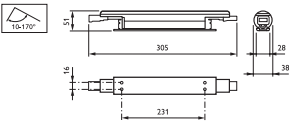
Powercore® technology – Power and data combined, eliminating the need for an external power supply supply





eW Fuse Powercore

Standard features



Type	LS515X eW Fuse Powercore
Light colour	2700K, 3000K, 3500K, 4000K
Power consumption	13.5W
Driver	Powercore
Optic	10x60 degree and 30x60 degree
Materials and finishing	Die cast aluminium and Polycarbonate lens
Lifetime	50,000hrs, 70% lumen maintenance at T = 25c
Colour Resolution	80

Product Selection

Type	Light Colour	Weight	Version	Optic	Power	Housing Colour	Dimming	Order Code
LS515X	● Warm White (2700 K)	0.723	Fuse	Narrow	13.5W	White	Powercore	88431599
	● Warm White (2700 K)	0.723	Fuse	Medium	13.5W	White	Powercore	88435399
	● Warm White (3000 K)	0.723	Fuse	Narrow	13.5W	White	Powercore	88432299
	● Warm White (3000 K)	0.723	Fuse	Medium	13.5W	White	Powercore	88436099
	● Warm White (3500 K)	0.723	Fuse	Narrow	13.5W	White	Powercore	88433999
	● Warm White (3500 K)	0.723	Fuse	Medium	13.5W	White	Powercore	88437799
	○ Neutral White (4000 K)	0.723	Fuse	Narrow	13.5W	White	Powercore	88434699
	○ Neutral White (4000 K)	0.723	Fuse	Medium	13.5W	White	Powercore	88438499

Accessories

Product	Weight	Length	Order Code
ZCX416 C3050P WH	0.447	3000mm	88140699
ZCX450 RA L1220 WH Mounting track	0.15	1220mm	79240599
ZCX416 C305P-M-F WH	0.096	305mm	88143799
ZCX416 CI525P-M-F WH	0.247	1500mm	88144499
ZCX416 TERMINATOR (10PCS)	0.108		88146899

eW Profile Powercore®

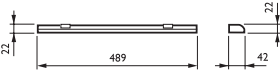
- _Ideal for office, retail and hospitality
- _Illuminating under shelf / counter applications as well as desktops and display cases
- _Available in 2700K and 4000K colour temperatures
- _Easy installation by integrating power and data management
- _Low energy fitting
- _Philips Core Technologies used:
 - Powercore®** technology – Power and data combined, eliminating the need for an external power supply
 - Optibin®** – Production process that ensures light output and colour consistency





eW Profile Powercore®

Standard features



Type	BCX411
Light source	489mm: 10 x LED-HB
Light colour	Warm white: 2700K Neutral white: 4000K
Power supply	230V AC
Power consumption	489mm: 13W max at startup; 10W max steady state
Controls (optional)	Dimmable with suitable dimmers
Effective length	effective length includes cable connectors and terminator 10x LED: 533mm
Optic/cover	120 x 120°
Operating temp.	-20°C > Ta > 50°C
Lifetime	50,000 hours (70% lumen maintenance at Ta = 25°C)
Materials and finishing	Housing: powder coated aluminium
Installation	Surface mounted
Remarks	Leader cable needed for proper functioning to be ordered separately
Main applications	Office, retail, hospitality
Classification code	IP20 CE

Product Selection

eW Profile Powercore® Kit Format – BCX413

(Kit includes 1 x eW Profile Powercore®, 1 x 3 metre leader cable, 1 terminator)



Light Colour	LEDs	Length (mm)	Beam (°)	Weight (kg)	Power (w)	Order Code
● Warm white (2700K)	10	489	120 x 120	0.45	13	70041799
○ Neutral White (4000K)	10	489	120 x 120	0.45	13	70044899

eW Profile Powercore® Standard – BCX413



Light Colour	LEDs	Length (mm)	Beam (°)	Weight (kg)	Power (w)	Order Code
● Warm white (2700K)	10	489	120 x 120	0.45	13	70035699
○ Neutral White (4000K)	10	489	120 x 120	0.45	13	70038799

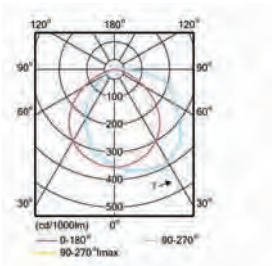
System Components

Mounting Track	Product	Length (mm)	Order Code
	Mounting Track	229	71476000
	Mounting Track	483	71474600
	Mounting Track	991	71475300

Cables	Product	Length (mm)	Order Code
	Jumper Cable C152P-M-F	152	71468599
	Jumper Cable C305P-M-F	305	71469299
	Jumper Cable C457P-M-F	457	71470899
	Jumper Cable C1525P-M-F	1525	71471599
	Leader cable & terminator	3000	71467899
	Y' jumper cable & terminator	419	71472299
	end to end connector (set of 5)		70001199

Polar Intensity Diagram

eW Profile Powercore®
2700K 48.9cm BCX411
Lamp: 1 x 10 white LEDs
Luminaire Lumens: 1 x 275



Downlights & Projectors



256
LuxSpace



266
LuxSpace
Mini Square



270
EssentialLED



284
SpotLED
Recessed



292
SpotLED
Surface



300
SpotLED
Gen 3



308
Arctone



312
3 Circuit Track



316
UnicOne
LED



320
UnicOne
Pendant Compact



324
eW Downlight
Powercore®



328
Magneos LED



332
StyliD



354
DaySign
Projector



358
MASTER
LEDlamps

LuxSpace

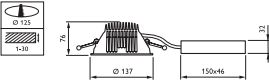
- _Indoor LED downlight suitable for office, retail and hospitality, healthcare, airports
- _Available in 3 sizes - Compact, Mini and Micro
- _Replacement for conventional downlight applications using CFL or halogen equivalents
- _Available in 3000K and 4000K white light colour temperatures
- _Office compliant – UGR19 option
- _Delivers consistent light output, stable colour performance and high colour rendering.
- _Above 90% LOR
- _Easy to install with a long lifetime – 50,000hrs
- _Dali & emergency options available
- _Available in white & grey housings





LuxSpace Micro

Standard features



Type

Connection

Material

Colour

Installation

Lifetime

Accessories

Light source

Light colour

Power Consumption

Mains voltage

Driver

Optic

Controls

Options

Main applications

Classification Codes

BBS470 (micro)

Push-in connector (PI) or with pull relief (PIP)
Wieland connector GST 18, 3 or 4 poles (W, W4)

Heat sink, bracket, reflector and front rim: aluminium
Fixation: steel and polycarbonate
Driver box: plastic

White (WH) or grey (GR)
Fixation by means of spring fasteners
Operating temperature: $-20^{\circ}\text{C} < T$
Ambient temperature for max. performance 25°C
Integrated in independent driver box

50.000 hours (70% lumen maintenance at T)

Ceiling support plate
Protection glass (IP44 optical block)
Adaptor ring 125 mm to 150 mm cut-out diameter

DLED micro

Warm white, 3000 K
Neutral white, 4000 K

11 W

240 V / 50 - 60 Hz

Integrated in independent driver box

High-gloss mirror
Matt reflector

Dali dimmable

Emergency lighting (integrated): 3 hours (EL3)
Lighting controls: dimming (ELV)

Retail, shops, airports, hospitals, office, hospitality



Product Selection

LuxSpace Micro BBS470	Light Colour	Housing	Optic	Weight (kg)	Controls	Order code
	Warm white (3000K)	Grey	Gloss	0.62	Static	93296200
	Warm white (3000K)	White	Gloss	0.62	Static	93292400
	Cool White (4000K)	White	Gloss	0.62	Static	93293100
	Cool White (4000K)	Grey	Gloss	0.62	Static	93297900
	Warm white (3000K)	White	Gloss	0.62	Regulators	93294800
	Warm white (3000K)	Grey	Gloss	0.62	Regulators	93298600
	Cool White (4000K)	White	Gloss	0.62	Regulators	93295500
	Cool White (4000K)	Grey	Gloss	0.62	Regulators	93299300

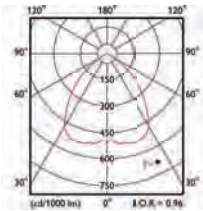
Reinforcing Frames	Product	Product Description	Weight (kg)	Order code
	2BG 470	0125	5.40	93234400

Adaptor Ring	Product	Product Description	Weight (kg)	Order code
	2BG 470	CFRNO 150WH	0.46	93235100
	2BG 470	CFRNO 150GR	0.46	93236800

Deco Accessory	Product	Product Description	Weight (kg)	Order code
	2BG 470	SG-FRC Deco frosted glass	0.34	93237500
	2BG 470	SG-HR-FR Halo frosted glass	0.34	93238200
	2BG 470	SG-O-OPDI Glass	0.34	93239900

Polar Intensity Diagram (For further Photometric data please contact our technical department)

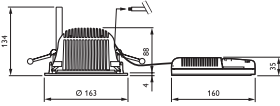
Luminaire : Luxspace BBS470
LuxSpace Micro 1x/4000K
UGR22
Lampflux : 1 x 700 lm



For further information call 01483 293 258

LuxSpace Mini

Standard features



Type	BBS480 BBS481 (Ring louvre)
Light source	1 x LED-HB unit
Light colour	Warm white, 3000K; Cool white 4000K
Power consumption	19W
Driver	220-240V / 50-60Hz Integrated into remote driver box
Optic	High-gloss mirror; UGR 22 (BBS480) High-gloss mirror with ring louvre, UGR 19 (BBS481)
Connection	Wieland (WV) – optional Push-in (PI) – as standard
Option	Lighting controls: dimming by DALI Emergency lighting
Material	Heatsink, bracket, reflector and front rim: aluminium Fixation: steel and polycarbonate Driver box: steel
Colour	White (WH) RAL9010 or grey (GR)
Installation	Fixation by means of spring fasteners
Operating temp.	-20°C < Ta < 35°C
Lifetime	50,000 hours, 70% lumen maintenance at Ta = 25°C
Accessories	Adaptor ring 150mm to 175mm cut-out diameter
Main applications	Hospitality, office, retail
Classification code	

Product Selection

LuxSpace Mini (UGR 22) 1 x LED – BBS480	Light Colour	Housing Colour	Weight (kg)	Dimmable	Order Code
	Warm white (3000K)	White	1.01	No	68825200
	Cool White (4000K)	White	1.01	No	68826900
	Warm white (3000K)	Grey	1.01	No	68829000
	Cool White (4000K)	Grey	1.01	No	68830600

LuxSpace Mini (UGR 22) 1 x LED – BBS480 Dali	Light Colour	Housing Colour	Weight (kg)	Dimmable	Order Code
	Warm white (3000K)	White	1.01	Yes	68827600
	Cool White (4000K)	White	1.01	Yes	68828300
	Warm white (3000K)	Grey	1.01	Yes	68831300
	Cool White (4000K)	Grey	1.01	Yes	68832000

LuxSpace Mini Protection Glass I 1 x LED – BBS480



Light Colour	Housing Colour	Weight (kg)	Dimmable	Order Code
● Warm white (3000K)	White	1.07	No	92608400
● Cool White (4000K)	White	1.07	No	92609100

LuxSpace Mini (Ring Louvre UGR 19) 1 x LED – BBS481

Light Colour	Housing Colour	Weight (kg)	Dimmable	Order Code
● Warm white (3000K)	White	1.01	No	68833700
● Cool White (4000K)	White	1.01	No	68834400
● Warm white (3000K)	Grey	1.01	No	68837500
● Cool White (4000K)	Grey	1.01	No	68838200

LuxSpace Mini (Ring Louvre UGR 19) 1 x LED – BBS481 Dali

Light Colour	Housing Colour	Weight (kg)	Dimmable	Order Code
● Warm white (3000K)	White	1.01	Yes	68835100
● Cool White (4000K)	White	1.01	Yes	68836800
● Warm white (3000K)	Grey	1.01	Yes	68839900
● Cool White (4000K)	Grey	1.01	Yes	68840500

System Components

Reinforcing Frames	Product	Housing colour	Weight (kg)	Order Code
	ZBS480 DI150 (5PCS)		4	68994500

Adaptor Ring	Product	Housing colour	Weight (kg)	Order Code
	ZBS480 CFRM DI175 WH	White	0.2	68995200
	ZBS480 CFRM DI175 GR	Grey	0.2	68996900

Polar Intensity Diagram (For further Photometric data please contact our technical department)

LuxSpace BBS480

Warm white

Luminaire lumens: 1003lm
Lamp: 1 x DLED-3000

LuxSpace BBS480

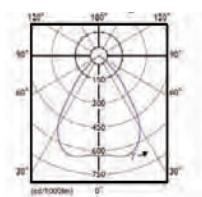
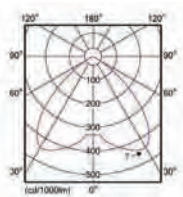
Neutral white

Luminaire lumens: 1107lm
Lamp: 1 x DLED-4000

LuxSpace BBS481

Warm white

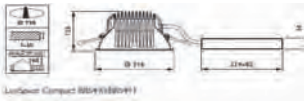
Luminaire lumens: 979lm
Lamp: 1 x DLED-3000



For further information call 01483 293 258

LuxSpace Compact

Standard features



Type

Light source

Light colour

Power consumption

Driver

Optic

Option

Material

Colour

Classification codes

BBS490 BBS491 (Comfort version)

1 x LED-HB unit

Warm white, 3000K, Cool white, 4000K

35W

Mains voltage 230 or 240 V / 50-60 Hz

Driver Integrated into independent driver box (PSU-E)

High-gloss mirror; UGr 22 (BBS490)

High-gloss mirror with ring louvre, UGr 19 (BBS491)

Asymmetrical, high-gloss mirror

Matt mirror; UGr 22 (BBS90)

Matt mirror; r UGr 19 (BBS91)

Emergency lighting (integrated): 1 hour (EL1), 3 hours (EL3)

Lighting controls: dimming by DALI

Heatsink, bracket, reflector and front rim: aluminium

Fixation: steel and polycarbonate

White (WH) or grey (GR)



Product Selection

LuxSpace Compact BBS490 - UGr22



Light Colour

Emergency

Housing

Con- trols

Weight (kg)

Order code

- Warm white (3000K)
- Warm white (3000K)
- Warm white (3000K)
- Warm white (3000K)
- Warm white (3000K)

•

- Grey
- White
- White
- Grey
- White

- DALI
- DALI
- DALI
- Fixed
- Fixed

- 1.91
- 1.91
- 2.334
- 1.876
- 1.876

- 92756200
- 92752400
- 58658200
- 92754800
- 92750000

LuxSpace Compact BBS491 - UGr19



- Warm white (3000K)
- Cool white (4000K)
- Cool white (4000K)
- Cool white (4000K)
- Cool white (4000K)
- Cool white (4000K)
- Cool white (4000K)

•

- White
- Grey
- White
- White
- Grey
- White
- White

- Fixed
- DALI
- DALI
- DALI
- Fixed
- Fixed
- Fixed

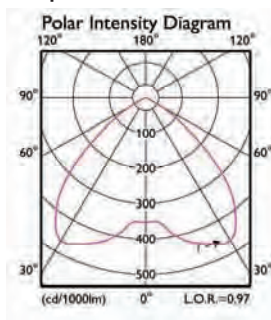
- 2.334
- 1.91
- 1.91
- 2.334
- 1.876
- 1.876
- 2.334

- 58929300
- 92758600
- 92753100
- 58967500
- 92755500
- 92751700
- 58936100

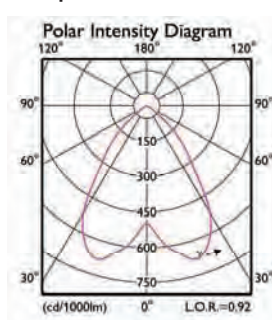
Reinforcing Frames	Product	Product Description	Weight (kg)	Order code
	2B5 490	0200 (SPCS)	6.68	93240500
Adaptor Ring	2B5 490	CFRMD 255W	0.33	93241200
	2B5 490	CFRMD 255GR	0.33	93242900
Deco Accessory				
Deco Frosted Glass	2B5 490	SG-FRC Deco frosted glass	0.56	93243600
Halo Frosted Glass	2B5 490	SG-HR-FR Halo frosted glass	0.56	93244300
Glass	2B5 490	SG-O-OPDI Glass	0.56	93245000

Polar Intensity Diagram (For further Photometric data please contact our technical department)

Luminaire: LuxSpace BBS490 1xDLED-Compact/4000K
Lampflux: 1 x 2260 lm



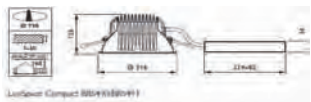
Luminaire: LuxSpace BBS491 1xDLED-Compact/4000K
Lampflux: 1 x 2260 lm



For further information call 01483 293 258

LuxSpace Compact Power

Standard features



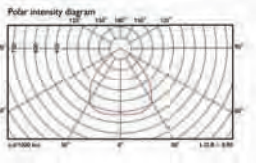
Type	BBS494 BBS495
Light colour	Warm white, 3000 K Neutral white, 4000 K
Power Consumption	48W
Light Source	Remote Phosphor
Driver	PSU - Fixed and PSD - DALI
Optic	BBS494 - UGR22 BBS495 - UGR25
Materials and finishing	Steel
Lifetime	50,000hrs, 70% lumen maintenance at T = 25c
Colour resolution	80

Product Selection

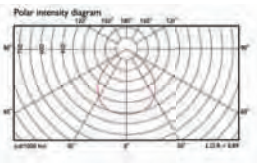
Type	Light Colour	Weight	Version	Power	Housing Colour	Dimming	Order Code
BBS495	● Warm White (2700 K)	2.7	UGR25	48W	Black	No	93753000
	○ Neutral White (4000 K)	2.7	UGR25	48W	Black	No	93754700
	● Warm White (2700 K)	2.7	UGR25	48W	Black	DALI	93755400
	○ Neutral White (4000 K)	2.7	UGR25	48W	Black	DALI	93756100
BBS494	● Warm White (2700 K)	2.7	UGR22	48W	Black	No	93733200
	○ Neutral White (4000 K)	2.7	UGR22	48W	Black	No	93734900
	● Warm White (2700 K)	2.7	UGR22	48W	Black	DALI	93735600
	○ Neutral White (4000 K)	2.7	UGR22	48W	Black	DALI	93736300

Polar Intensity Diagram (For further Photometric data please contact our technical department)

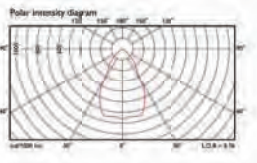
BBS494 1xDLED-3000 C
Lampflux : 1 x 2554 lm



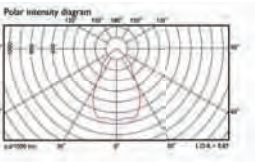
BBS494 1xDLED-4000 M
Lampflux : 1 x 2768 lm



BBS495 1xDLED-4000 C RL-BL
Lampflux : 1 x 2768 lm



BBS495 1xDLED-3000 C RL-GN
Lampflux : 1 x 2554 lm



LuxSpace Mini Square

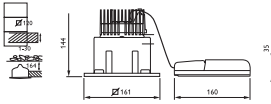
- _Indoor recessed LED downlight suitable for office, retail and hospitality, healthcare, airport, office, hospitality
- _Replacement for conventional downlight applications using CFL or halogen equivalents
- _Significant energy savings compared other traditional light sources
- _For 125mm cut-outs
- _Available in white & grey housings





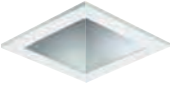
LuxSpace Mini Square

Standard features



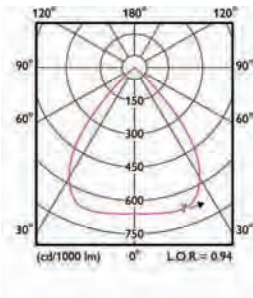
Type	BBS482
Connection	Push-in connector (PI) or with pull relief (PIP) Wieland connector GST 18, 3 or 4 poles (W, W4)
Material	Heat sink, bracket, reflector and front rim: aluminium Fixation: steel and polycarbonate Driver box: plastic
Colour	White (WH) or grey (GR)
Installation	Fixation by means of spring fasteners Operating temperature: -20°C < T Ambient temperature for max. performance 25°C
Lifetime	50.000 hours (70% lumen maintenance at T)
Light source	DLED micro
Light colour	Warm white, 3000 K Neutral white, 4000 K
Power Consumption	19 W
Mains voltage	240 V / 50 - 60 Hz
Driver	Integrated in independent driver box
Optic	High-gloss mirror Matt reflector
Controls	Dali Dimmable
Options	Emergency lighting (integrated): 3 hours (EL3) Lighting controls: dimming (Dali)
Main applications	Retail, shops, airports, hospitals, office, hospitality
Classification Codes	    

Product Selection

LuxSpace Mini Square BBS482	Light Colour	Housing	DALI Dimmable	Order code
	Warm white (3000K)	White	No	93284900
	Cool white (4000K)	White	No	93285600
	Warm white (3000K)	White	Yes	93286300
	Cool white (4000K)	White	Yes	93287000
	Warm white (3000K)	Grey	No	93288700
	Cool white (4000K)	Grey	No	93289400
	Warm white (3000K)	Grey	Yes	93290000
	Cool white (4000K)	Grey	Yes	93291700

Polar Intensity Diagram (For further Photometric data please contact our technical department)

Luminaire : LuxSpace mini Square 1xDLED/3000K EB
Lampflux : 1 x 1130 lm
Ballast : EB
Measurement code : LVL1005300
Measurement date : 2010-02-02
Measurement status : Development
L.O.R. : 0.94



For further information call 01483 293 258

EssentiaLED Downlight

- _A range of IP20 & IP65 GU10 LED downlights
- _A true replacement for conventional 20 and 35W halogen downlights offering up to 80% energy savings
- _Provides excellent illumination with minimal power consumption;
- _Uses the groundbreaking Philips Master LEDlamps 7W dimmable lamp;
- _Available in a variety of colour finishes, colour temperatures as well as beam angles



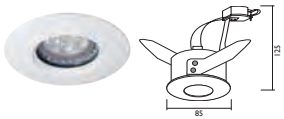


EssentialLED Downlight

Standard features	Type Light source Light colour Power consumption Optic Power Supply Power Consumption Lifetime Material Colour Accessory Main applications Classification code	Recessed fixed IP65 BBG38I MasterLED 7W Warm white 3000K, Neutral White 4200K 7W 25 and 40° beam angle 220-240v/ 50-60Hz 7W 45000 hrs at 70% lumen maintenance at Ta=25° C Aluminium Matt White RAL9010, Satin Nickel , Polished Chrome Range of decorative glasses (as BBG380) Retail, Hospitality, Corridors IP 65
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Product Selection

BBG38I IP65 Matt White



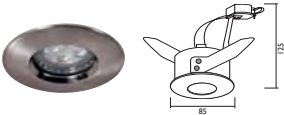
Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
○ Neutral white (4200K)	25	0.11	7W	56481800
● Warm white (3000K)	25	0.11	7W	56552500
○ Neutral white (4200K)	40	0.11	7W	56352100
● Warm white (3000K)	40	0.11	7W	56353800

BBG38I IP65 Polished Chrome



Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
○ Neutral white (4200K)	25	0.11	7W	56354500
● Warm white (3000K)	25	0.11	7W	56355200
○ Neutral white (4200K)	40	0.11	7W	56356900
● Warm white (3000K)	40	0.11	7W	56357600

BBG38I IP65 Satin Nickel



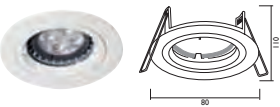
Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
○ Neutral white (4200K)	25	0.11	7W	56558300
● Warm white (3000K)	25	0.11	7W	56359000
○ Neutral white (4200K)	40	0.11	7W	56360600
● Warm white (3000K)	40	0.11	7W	56432000

EssentialLED Downlight

Standard features	Type	Recessed fixed BBG380
	Light source	MasterLED 7W
	Light colour	Warm white 3000K, Neutral White 4200K
	Optic	25 and 40° beam angle
	Power Supply	220-240v/ 50-60Hz
	Power Consumption	7W
	Lifetime	45000 hrs at 70% lumen maintenance at Ta=25° C
	Material	Aluminium
	Colour	Matt White RAL9010, Satin Nickel , Polished Chrome
	Accessory	Range of decorative glasses
Main applications	Retail, Hospitality, Corridors	
	Classification code	IP 20

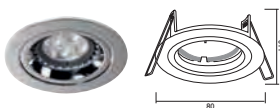
Product Selection

EssentialLED BBG380
Matt White



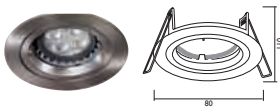
Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
○ Neutral white (4200K)	25	0.1	7W	56469600
● Warm white (3000K)	25	0.1	7W	56470200
○ Neutral white (4200K)	40	0.1	7W	56471900
● Warm white (3000K)	40	0.1	7W	56472600

EssentialLED BBG380
Polished Chrome



Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
○ Neutral white (4200K)	25	0.1	7W	5647330
● Warm white (3000K)	25	0.1	7W	56474000
○ Neutral white (4200K)	40	0.1	7W	56478700
● Warm white (3000K)	40	0.1	7W	56476400

EssentialLED BBG380
Satin Nickel



Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
○ Neutral white (4200K)	25	0.1	7W	56477100
● Warm white (3000K)	25	0.1	7W	56478800
○ Neutral white (4200K)	40	0.1	7W	56479500
● Warm white (3000K)	40	0.1	7W	56480100

Acessories for (BBG380)

Accessories	Inner Ring	Weight (kg)	Order Code
Deco ring centre frosted	Polished chrome	0.15	56003200
Deco ring outer frosted	Polished chrome	0.15	56004900
Deco ring fully frosted	Polished chrome	0.15	56006300
Blue Glass	Polished chrome	0.15	56007000

EssentiaLED Downlight Fire Rated

- _a range of IP20 and IP65 GU10 LED downlights
- _a true replacement for conventional 20 and 35W halogen downlights
- _provides excellent illumination with minimal power consumption
- _uses the ground breaking Philips MASTER LED 7W dimmable lamp
- _available in a variety of colour finishes, colour temperatures as well as beam angles
- _suitable for 20, 60 and 90 minute fire rated ceilings



EssentialLED Downlight Range Fire Rated

Standard features	Type	Recessed Fixed Fire Rated BBG389
	Light source	MasterLED 7W
	Light colour	Warm white 3000K, Neutral White 4200K
	Optic	25 and 40° beam angle
	Power Supply	220-240v/ 50-60Hz
	Power Consumption	7W
	Lifetime	45000 hrs at 70% lumen maintenance at Ta=25° C
	Material	Aluminium
	Colour	Matt White RAL9010, Satin Nickel , Polished Chrome
	Accessory	Range of decorative glasses (as BBG380)
	Main applications	Retail, Hospitality, Corridors
	Classification code	IP 20

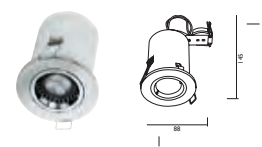
Product Selection

EssentialLED BBG389
IP20 Fire Rated Matt



Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
○ Neutral white (4200K)	25	0.21	7W	56401600
● Warm white (3000K)	25	0.21	7W	56402300
○ Neutral white (4200K)	40	0.21	7W	56403000
● Warm white (3000K)	40	0.21	7W	56404700

EssentialLED BBG389 IP20
Fire Rated Polished Chrome



Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
○ Neutral white (4200K)	25	0.21	7W	56405400
● Warm white (3000K)	25	0.21	7W	56406100
○ Neutral white (4200K)	40	0.21	7W	56407800
● Warm white (3000K)	40	0.21	7W	56408500

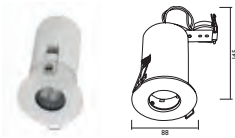
EssentialLED BBG389 IP20
Fire Rated Satin Nickel



Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
○ Neutral white (4200K)	25	0.21	7W	56409200
● Warm white (3000K)	25	0.21	7W	56410800
○ Neutral white (4200K)	40	0.21	7W	56411500
● Warm white (3000K)	40	0.21	7W	56412200
● Warm white (2700K)	40	0.21	7W	58642100

Product Selection

BBG386 IP65 Fire Rated Matt White



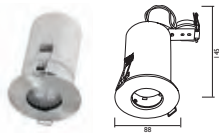
Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
○ Neutral white (4200K)	25	0.23	7W	56389700
● Warm white (3000K)	25	0.23	7W	56390300
○ Neutral white (4200K)	40	0.23	7W	56391000
● Warm white (3000K)	40	0.23	7W	56392700

BBG386 IP65 Fire Rated Polished Chrome



Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
○ Neutral white (4200K)	25	0.23	7W	56393400
● Warm white (3000K)	25	0.23	7W	56394500
○ Neutral white (4200K)	40	0.23	7W	56395800
● Warm white (3000K)	40	0.23	7W	56396500

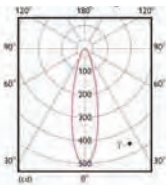
BBG386 IP65 Fire Rated Satin Nickel



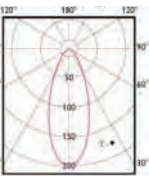
Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
○ Neutral white (4200K)	25	0.23	7W	56397200
● Warm white (3000K)	25	0.23	7W	56398900
○ Neutral white (4200K)	40	0.23	7W	56399600
● Warm white (3000K)	40	0.23	7W	56400900

Polar Intensity Diagram *(For further Photometric data please contact our technical department)*

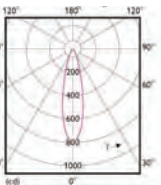
EssentialLED
3000K
Beam Angle: 25°
Lumens: 167.4



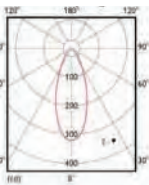
EssentialLED
3000K
Beam Angle: 40°
Lumens: 142.4



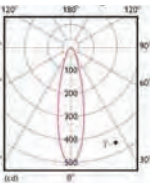
EssentialLED
4200K
Beam Angle: 25°
Lumens: 211.6



EssentialLED
3000K
Beam Angle: 40°
Lumens: 198



EssentisLED(BBG387)
3000K
Beam Angle: 25°
Lumens: 163.8



EssentiaLED Downlight Adjustable

- _A range of GU10 adjustable downlights
- _A true replacement for conventional 20 and 35W halogen downlights offering up to 80% energy savings
- _Provides excellent illumination with minimal power consumption;
- _Uses the groundbreaking Philips MasterLED 7W dimmable lamp;
- _Available in a variety of colour finishes, colour temperatures as well as beam angles

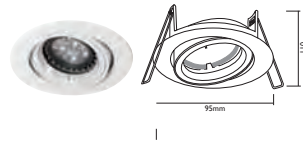


EssentialLED Downlight Adjustable

Standard features	Type	Recessed Adjustable BBG382
	Light source	MasterLED 7W
	Light colour	Warm white 3000K, Neutral White 4200K
	Power consumption	7W
	Optic	25 and 40° beam angle
	Power Supply	220-240v/ 50-60Hz
	Power Consumption	7W
	Lifetime	45000 hrs at 70% lumen maintenance at Ta=25° C
	Material	Aluminium
	Colour	Matt White RAL9010, Satin Nickel , Polished Chrome
	Main applications	Retail, Hospitality, Corridors
	Classification code	IP 20

Product Selection

BBG382 Matt White



Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
○ Neutral white (4200K)	25	0.21	7W	56378100
● Warm white (3000K)	25	0.21	7W	56379800
○ Neutral white (4200K)	40	0.21	7W	56380400
● Warm white (3000K)	40	0.21	7W	56351100

BBG382 Polished Chrome



Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
○ Neutral white (4200K)	25	0.21	7W	56382800
● Warm white (3000K)	25	0.21	7W	56383500
○ Neutral white (4200K)	40	0.21	7W	56384200
● Warm white (3000K)	40	0.21	7W	56385900

BBG382 Satin Nickel



Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
○ Neutral white (4200K)	25	0.21	7W	53686600
● Warm white (3000K)	25	0.21	7W	56389300
● Warm white (3000K)	40	0.21	7W	56388000

Product Selection

BBG387 Darklight Baffle Matt White



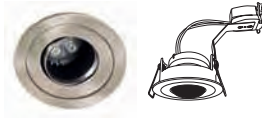
Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
● Warm white (2700K)	25	0.1	7W	59013800
○ Neutral white (4200K)	40	0.1	7W	56368200
● Warm white (3000K)	40	0.1	7W	56369900
● Warm white (2700K)	40	0.1	7W	58641400

BBG387 Darklight Baffle Polished Chrome



Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
○ Neutral white (4200K)	25	0.1	7W	56370500
● Warm white (3000K)	25	0.1	7W	56371200
○ Neutral white (4200K)	40	0.1	7W	56372900
● Warm white (3000K)	40	0.1	7W	56373600

BBG387 Darklight Baffle Satin Nickel



Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
○ Neutral white (4200K)	25	0.1	7W	56374300
● Warm white (3000K)	25	0.1	7W	56375000
○ Neutral white (4200K)	40	0.1	7W	56376700
● Warm white (3000K)	40	0.1	7W	56377400

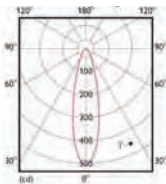
Acessories (for BBG382)

	Inner Ring	Weight (kg)	Order Code
Deco ring centre frosted	Polished chrome	0.15	919913992894
Deco ring outer frosted	Polished chrome	0.15	919913992895
Deco ring fully frosted	Polished chrome	0.15	919913992896
Blue Glass	Polished chrome	0.15	919913992897
White Glass	Polished chrome	0.15	919913992898

Polar Intensity Diagram (For further Photometric data please contact our technical department)

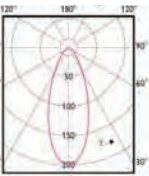
EssentialLED
3000K

Beam Angle: 25°
Lumens: 167.4



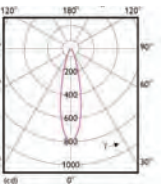
EssentialLED
3000K

Beam Angle: 40°
Lumens: 142.4



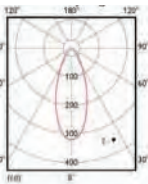
EssentialLED
4200K

Beam Angle: 25°
Lumens: 211.6



EssentialLED
3000K

Beam Angle: 40°
Lumens: 198

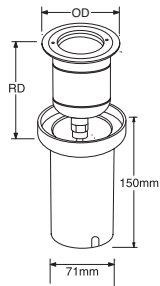


EssentiaLED Inground

- _Inground walkover light
- _Provides excellent illumination with minimal power consumption;
- _Uses the groundbreaking Philips MasterLED 7W dimmable lamp;
- _Available in a variety of colour temperatures as well as beam angles



Standard features



Type	Walk over Inground IP65 BBG384
Light source	MasterLED 7W
Light colour	Warm white 3000K, Neutral White 4200K
Power consumption	7W
Optic	25 and 40° beam angle
Power Supply	220-240v/ 50-60Hz
Power Consumption	7W
Lifetime	45000 hrs at 70% lumen maintenance at Ta=25° C
Material	Aluminium
Colour	Aluminium
Main applications	Retail, Hospitality, deck applications
Classification code	IP 65

Product Selection

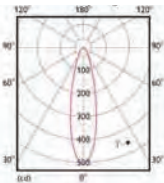
BBG384 Darklight Baffle
Matt White



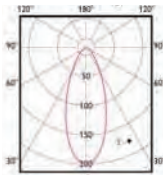
Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
○ Neutral white (4200K)	25	0.75	7W	56362000
● Warm white (3000K)	25	0.75	7W	56363700
○ Neutral white (4200K)	40	0.75	7W	56364400
● Warm white (3000K)	40	0.75	7W	56365100

Polar Intensity Diagram (For further Photometric data please contact our technical department)

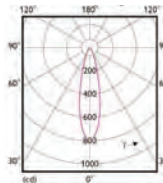
EssentialLED
3000K
Beam Angle: 25°
Lumens: 167.4



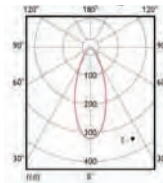
EssentialLED
3000K
Beam Angle: 40°
Lumens: 142.4



EssentialLED
4200K
Beam Angle: 25°
Lumens: 211.6



EssentialLED
4000K
Beam Angle: 40°
Lumens: 198



SpotLED I & II Recessed

- _Indoor use: meeting rooms, corridor, domestic and hospitality applications
- _Family of products including surface, recessed, semi-recessed, adjustable and track mounted
- _No UV/IR radiation
- _Supplied with remote, integral driver





Project:
_Juwelier Bax, Valkenswaard
Eindhoven, The Netherlands

SpotLED I Recessed Fixed

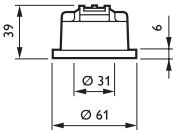
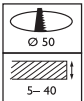
Standard features	Type	BBG410 (Round) BBG411 (Square)
	Light source	I x HB
	Light colour	2700K Warm white, 4000K Cool white
	Power supply	220-240V / 50-60Hz
	Power consumption	5.5W
	Optic	Narrow beam (6°) Medium beam (25°)
	Lifetime	50,000 hrs (70% lumen maintenance at Ta = 25°C)
	Material	Housing: brushed aluminium and polycarbonate Optic: polycarbonate Ceiling ring: brushed aluminium
	Accessory	Adaptor ring ZBG410
	Remarks	Including remote transformer
	Main applications	Retail, hospitality
	Classification code	  

Product Selection

SpotLED I Recessed I x LED Round – BBG410



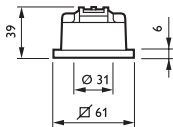
Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
● Warm white	6	0.15	3.5	88871999
● Warm white	25	0.15	3.5	88873399
● Cool white	6	0.15	3.5	88872699
● Cool white	25	0.15	3.5	88874099



SpotLED I Recessed I x LED Square – BBG411



Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
● Warm white	6	0.15	3.5	88875799
● Warm white	25	0.15	3.5	88877199
● Cool white	6	0.15	3.5	88876499
● Cool white	25	0.15	3.5	88878899

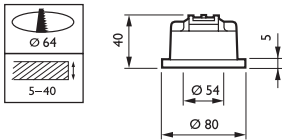


SpotLED II Recessed Fixed

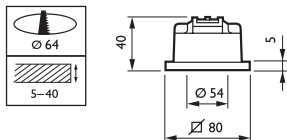
Standard features	Type	BBG450 (Round) BBG451 (Square)
Light source		
Light colour		2700K Warm white, 4000K Cool white
Power supply		220-240V / 50-60Hz
Power consumption		8W
Optic		Narrow beam (6°) Medium beam (25°)
Lifetime		50,000 hrs (70% lumen maintenance at Ta = 25°C)
Material		Housing: brushed anodised aluminium and polycarbonate Optic: polycarbonate
Remarks		Including remote transformer
Main applications		Hotels, restaurants, retail, museums
Classification code		  

Product Selection

SpotLED II Recessed Fixed Round Single 3 x LED – BBG450	Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
	Warm white	6	0.21	8	88875799
	Warm white	25	0.21	8	88899399
	Cool white	6	0.21	8	88898699
	Cool white	25	0.21	8	88900699



SpotLED II Recessed Fixed Square Single 3 x LED – BBG451	Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
	Warm white	6	0.23	8	88901399
	Warm white	25	0.23	8	88903799
	Cool white	6	0.23	8	88902099
	Cool white	25	0.23	8	88904499

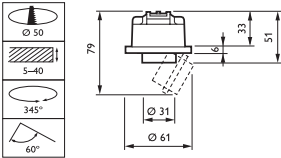


SpotLED I Recessed Adjustable

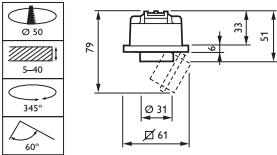
Standard features	Type	BBG400 (Round) BBG401 (Square)
	Light source	BBG400/401: I x HB
	Light colour	2700K Warm white, 4000K Cool white
	Power supply	220-240V / 50-60Hz
	Power consumption	BBG400/401: 5.5W
	Optic	Narrow beam (6°) Medium beam (25°)
	Classification code	  

Product Selection

SpotLED I Recessed I x LED Round Single – BBG400	Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
	● Warm white	6	0.15	3.5	8886349
	● Warm white	25	0.15	3.5	8886589
	● Cool white	6	0.15	3.5	8886419
	● Cool white	25	0.15	3.5	8886659



SpotLED I Recessed I x LED Square Single – BBG401	Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
	● Warm white	6	0.20	3.5	8886729
	● Warm white	25	0.20	3.5	8886969
	● Cool white	6	0.20	3.5	8886899
	● Cool white	25	0.20	3.5	8887029



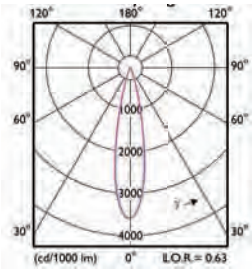
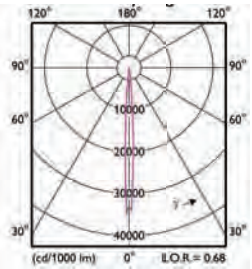
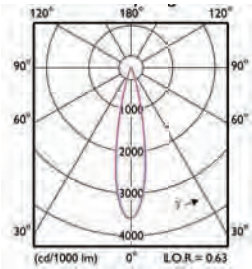
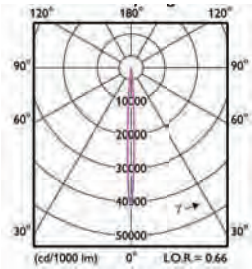
Polar Intensity Diagram *(For further Photometric data please contact our technical department)*

Luminaire: SpotLED I upgrade 2700K
LxHB Led: FY-0107 600mA 10D
Lampflux: 1 x 150 lm
Ballast: FY-0107 600mA
Measurement code: LVE1783300
Measurement date: 2010-01-11
Measurement status: Quality control
L.O.R.: 0.66

Luminaire: SpotLED I upgrade 2700K
LxHB Led: FY-0107 600mA 25D
Lampflux: 1 x 150 lm
Ballast: FY-0107 600mA
Measurement code: LVE1783200
Measurement date: 2010-01-11
Measurement status: Quality control
L.O.R.: 0.63

Luminaire: SpotLED I upgrade 4000K
LxHB Led: FY-0107 600mA 10D
Lampflux: 1 x 180 lm
Ballast: FY-0107 600mA
Measurement code: LVE1783500
Measurement date: 2010-01-11
Measurement status: Quality control
L.O.R.: 0.68

Luminaire: SpotLED I upgrade 4000K
LxHB Led: FY-0107 600mA 25D
Lampflux: 1 x 180 lm
Ballast: FY-0107 600mA
Measurement code: LVE1783200
Measurement date: 2010-01-11
Measurement status: Quality control
L.O.R.: 0.63

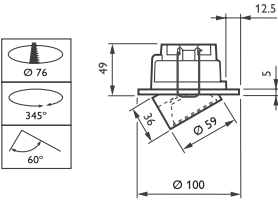


SpotLED II Semi-Recessed Adjustable

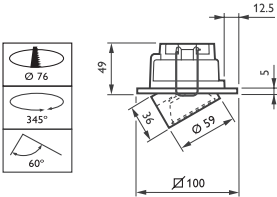
Standard features	Type	BBG440 (Round) BBG441 (Square)
	Light source	BBG440: HB BBG441: HB
	Light colour	Warm white 2700K, Cool white 4000K
	Power supply	220-240V / 50-60Hz
	Power consumption	BBG440/441: 8W
	Optic	Narrow beam (6°) Medium beam (25°)
	Adjustment	Horizontal: 340° Vertical: 60°
	Lifetime	50,000 hrs (70% lumen maintenance at Ta = 25°C)
	Material	Housing: brushed anodised aluminium and polycarbonate Optic: polycarbonate
	Remarks	Including remote transformer
	Main applications	Hotels, restaurants, retail, museums
	Classification code	  

Product Selection

SpotLED II Semi-Recessed Adjustable Round Single – BBG440	Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
	● Warm white	6	0.29	8	8888949
	● Warm white	25	0.29	8	8889179
	● Cool white	6	0.29	8	8889009
	● Cool white	25	0.29	8	8894269



**SpotLED II Semi-Recessed
Adjustable Square Single –
BBG441**



Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
● Warm white	6	0.30	8	8889319
● Warm white	25	0.30	8	8889559
● Cool white	6	0.30	8	8889489
● Cool white	25	0.30	8	8889629

SpotLED I & II Surface

- _Indoor use: Meeting rooms, corridor, domestic and hospitality applications
- _Family of products including surface, recessed, semi-recessed, adjustable and track mounted
- _No UV/IR radiation





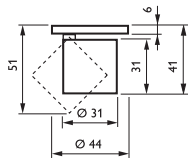
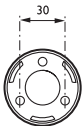
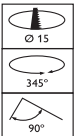
Lighting Design:
_Globen, Gerhard Rehm
Photography:
_Honer Akrawi

SpotLED I Surface Mounted Adjustable

Standard features	Type	BCG400 (Round) BCG401 (Square)
	Light source	HB
	Light colour	Warm white 2700K, cool white 4000K
	Power supply	220-240V / 50-60 Hz
	Power consumption	BCG400/401: 2.5W
	Optic	Narrow beam (6°) Medium beam (25°)
	Lifetime	50,000 hours (70% lumen maintenance at Ta = 25°C)
	Adjustment	Horizontal: 345° Vertical: 90°
	Material	Housing: brushed aluminium and polycarbonate Optic: polycarbonate Base plate: brushed aluminium and polycarbonate
	Remarks	BCG 400: supplied with remote driver BCG 401: supplied with integral driver
	Main applications	Retail, hospitality
	Classification code	  

Product Selection

SpotLED I Surface Mounted Light Colour Adjustable I x LED – BCG400		Beam (°)	Weight (kg)	Power (w)	Order Code
	Warm white	6	0.15	3.5	8888329
	Warm white	25	0.15	3.5	8888569
	Cool white	6	0.15	3.5	8888499
	Cool white	25	0.15	3.5	8888639



SpotLED I Surface Mounted Adjustable I x LED – BCG40I



Light Colour

- Warm white
- Warm white
- Cool white
- Cool white

Beam (°)

- 6
- 25
- 6
- 25

Weight (kg)

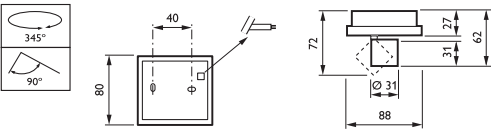
- 0.20
- 0.20
- 0.20
- 0.20

Power (w)

- 3.5
- 3.5
- 3.5
- 3.5

Order Code

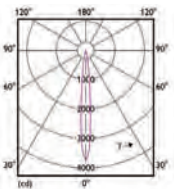
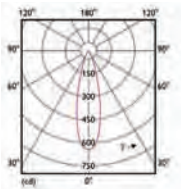
- 8887959
- 8888189
- 8888019
- 8888259



Polar Intensity Diagram *(For further Photometric data please contact our technical department)*

SpotLED Surface Mounted
25° Medium Beam
Cool white BCG40I
HB
Luminaire Lumens: 55

SpotLED Surface Mounted
6° Narrow Beam
Cool white BCG40I
HB
Luminaire Lumens: 66

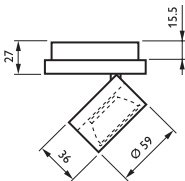
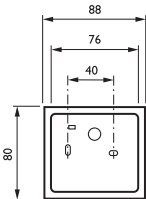


SpotLED II Surface Mounted Adjustable

Standard features	Type	BCG440 (Round) BCG441 (Square)
	Light source	BCG440: 3 x LUXEON® HB BCG441: 3 x LUXEON® HB
	Light colour	Warm white 2700K, cool white 4000K
	Power supply	220-240V / 50-60Hz
	Power consumption	BCG440/441: 8W
	Optic	Narrow beam (6°)
	Adjustment	Horizontal: 340° Vertical: 90°
	Lifetime	50,000 hrs (70% lumen maintenance at Ta = 25°C)
	Material	Housing: brushed anodised aluminium and polycarbonate Optic: polycarbonate
	Remarks	BCG 440: supplied with remote driver BCG 441: supplied with integral driver
	Main applications	Hotels, restaurants, retail, museums
	Classification code	  

Product Selection

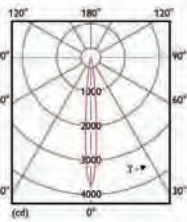
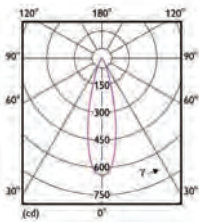
SpotLED II Surface Mounted Adjustable Square Single 3 x LED – BCG441	Light Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
	● Warm white	6	0.30	8	8890519
	● Warm white	25	0.30	8	8890759
	● Cool white	6	0.30	8	8890689
	● Cool white	25	0.30	8	8890759



Polar Intensity Diagram *(For further Photometric data please contact our technical department)*

SpotLED Surface Mounted
25° Medium Beam
Warm white BCG440
Luminaire Lumens: 165

SpotLED Surface Mounted
10° Narrow Beam
Warm white BCG440
Luminaire Lumens: 165



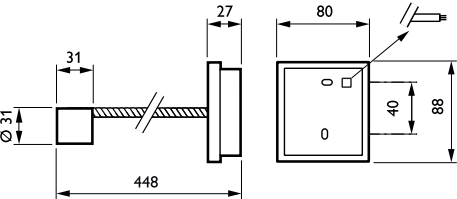


SpotLED Gooseneck

Standard features	Type	BWG40I
	Light source	HB
	Light colour	Cool white 6050K
	Power supply	220-240V / 50-60Hz
	Power consumption	3.5W
	Optic	Medium beam (25°)
	Lifetime	50,000 hours (70% lumen maintenance at Ta = 25°C)
	Material	Housing: brushed aluminium and polycarbonate Optic: polycarbonate Base plate: brushed aluminium and polycarbonate
	Remarks	Including integrated transformer Touch base for on / off control
	Main applications	Retail, hospitality
	Classification code	  

Product Selection

SpotLED Gooseneck – BWG40I	Light Colour	Housing	Weight (kg)	Order Code
	● Warm White (3000K)	● Black	0.35	8888709
		● Grey	0.35	8888879



SpotLED Gen3

- _Family of fixtures including surface adjustable, recessed, semi recessed adjustable and track mounted adjustable versions
- _Ideal replacement for 50W halogen luminaires at 10W energy consumption
- _Indoor use: meeting rooms, corridors, display lighting domestic and hospitality applications
- _Fully dimmable (please refer to recommended list)
- _Available in colour temperature 2700K & 4000K, 10°, 25° and 40° beam angle
- _No UV and IR radiation in the beam



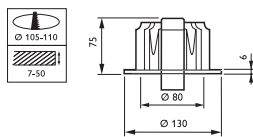


SpotLED Gen3

Standard features	Type	BCG490 (recessed, round version) BCG491 (recessed, square version)
	Light source	5x LED-HB
	Light colour	Warm white 2700K, Neutral white 4000K
	Power Consumption	10W
	Driver	220-240V / 50-60 Hz Dimmable driver
	Optic	Beam angles 10°, 25° and 40°
	Lifetime	50000hrs at 70% lumen maintenance at Ta = 25 °C
	Installation	By means of spring fasteners
	Material	Housing: brushed aluminium and polycarbonate Optic: polycarbonate Ceiling ring: brushed aluminium
	Remarks	Remote driver included
	Main applications	Hospitality, office, retail
	Classification code	960°C IP 20 F CE

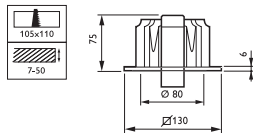
Product Selection

SpotLED Gen3 Recessed Round 5x LED BBG490



Light Colour	Beam (°)	Weight (kg)	Power	Order Code
● Warm white (2700K)	10	0.6	10W	81600599
○ Neutral white (4000K)	10	0.6	10W	81601299
● Warm white (2700K)	25	0.6	10W	81614299
○ Neutral white (4000K)	25	0.6	10W	81615999
● Warm white (2700K)	40	0.6	10W	81628999
○ Neutral white (4000K)	40	0.6	10W	81629699

SpotLED Gen3 Recessed Square 5x LED BBG491



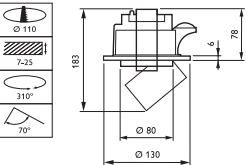
Light Colour	Beam (°)	Weight (kg)	Power	Order Code
● Warm white (2700K)	10	0.65	10W	81602999
○ Neutral white (4000K)	10	0.65	10W	81603699
● Warm white (2700K)	25	0.65	10W	81616699
○ Neutral white (4000K)	25	0.65	10W	81617399
● Warm white (2700K)	40	0.65	10W	81630299
○ Neutral white (4000K)	40	0.65	10W	81631999

SpotLED Gen3

Standard features	Type	BBG480 (semi-recessed, adjustable round version) BBG481 (semi-recessed, adjustable square version)
	Light source	5x LED-HB
	Light colour	Warm white 2700K, Neutral white 4000K
	Power Consumption	10W
	Driver	220-240V / 50-60 Hz Dimmable driver
	Optic	Beam angles 10°, 25° and 40°
	Lifetime	50000hrs at 70% lumen maintenance at Ta = 25 °C
	Installation	By means of spring fasteners Adjustment: horizontal 310°, vertical 70°
	Material	Housing: brushed aluminium and polycarbonate Optic: polycarbonate Ceiling ring: brushed aluminium
	Remarks	Remote driver included
	Main applications	Hospitality, office, retail
	Classification code	960°C IP 20 F CE

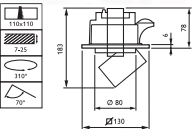
Product Selection

SpotLED Gen3 Recessed adjustable Round 5x LED BBG480



Light Colour	Beam (°)	Weight (kg)	Power	Order Code
● Warm white (2700K)	10	0.6	10W	81604399
○ Neutral white (4000K)	10	0.6	10W	81605099
● Warm white (2700K)	25	0.6	10W	81618099
○ Neutral white (4000K)	25	0.6	10W	81619799
● Warm white (2700K)	40	0.6	10W	81632699
○ Neutral white (4000K)	40	0.6	10W	81633399

SpotLED Gen3 Recessed adjustable Square 5x LED BBG481



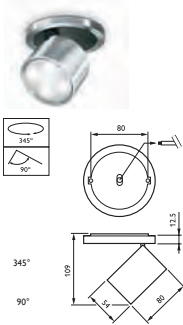
Light Colour	Beam (°)	Weight (kg)	Power	Order Code
● Warm white (2700K)	10	0.65	10W	81606799
○ Neutral white (4000K)	10	0.65	10W	81607499
● Warm white (2700K)	25	0.65	10W	81620399
○ Neutral white (4000K)	25	0.65	10W	81621099
● Warm white (2700K)	40	0.65	10W	81634099
○ Neutral white (4000K)	40	0.65	10W	81635799

SpotLED Gen3

Standard features	Type	BBG480 (surface-mounted, round version) BBG481 (surface-mounted, square version)
	Light source	5x LED-HB
	Light colour	Warm white 2700K, Neutral white 4000K
	Power Consumption	10W
	Driver	220-240V / 50-60 Hz Dimmable driver
	Optic	Beam angles 10°, 25° and 40°
	Lifetime	50000hrs at 70% lumen maintenance at Ta = 25 °C
	Installation	Locking into pre-mounted ceiling plate (delivered with the luminaire) Adjustment: horizontal 345°, vertical 90°
	Material	Housing: brushed aluminium and polycarbonate Optic: polycarbonate Ceiling ring: brushed aluminium
	Remarks	BCG480 - Remote driver BCG481 - Integral driver
	Classification code	960°C IP 20 F CE

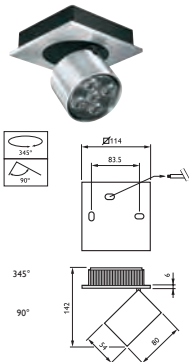
Product Selection

SpotLED Gen3 Surface Mounted Adjustable Round 5x LED BCG480



Light Colour	Beam (°)	Weight (kg)	Power	Order Code
● Warm white (2700K)	10	0.5	10W	81608199
○ Neutral white (4000K)	10	0.5	10W	81609899
● Warm white (2700K)	25	0.5	10W	81622799
○ Neutral white (4000K)	25	0.5	10W	81623499
● Warm white (2700K)	40	0.5	10W	81636499
○ Neutral white (4000K)	40	0.5	10W	81637199

SpotLED Gen3 Surface Mounted Adjustable Square 5x LED BCG481



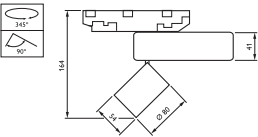
Light Colour	Beam (°)	Weight (kg)	Power	Order Code
● Warm white (2700K)	10	0.6	10W	81610499
○ Neutral white (4000K)	10	0.6	10W	81611199
● Warm white (2700K)	25	0.6	10W	81624199
○ Neutral white (4000K)	25	0.6	10W	81625899
● Warm white (2700K)	40	0.6	10W	81638899
○ Neutral white (4000K)	40	0.6	10W	81639599

SpotLED Gen3

Standard features	Type	BRG480 (3-Circuit Track version)
	Light source	5x LED-HB
	Light colour	Warm white 2700K, Neutral white 4000K
	Power Consumption	10W
	Driver	220-240V / 50-60 Hz Dimmable driver
	Optic	Beam angles 10°, 25° and 40°
	Lifetime	50000hrs at 70% lumen maintenance at Ta = 25 °C
	Installation	On 3-circuit track (3C) Adjustment: horizontal 345°, vertical 90°
	Material	Housing: brushed aluminium and polycarbonate Optic: polycarbonate Ceiling ring: brushed aluminium
	Remarks	Integral driver
	Classification code	960°C IP 20 F CE

Product Selection

SpotLED Gen3 C Track
Mounted Adjustable
Round 5x LED BRG480



Light Colour	Beam (°)	Weight (kg)	Power	Order Code
● Warm white (2700K)	10	0.4	10W	81612899
○ Neutral white (4000K)	10	0.4	10W	81613599
● Warm white (2700K)	25	0.4	10W	81626599
○ Neutral white (4000K)	25	0.4	10W	81627299
● Warm white (2700K)	40	0.4	10W	81640199
○ Neutral white (4000K)	40	0.4	10W	81641899

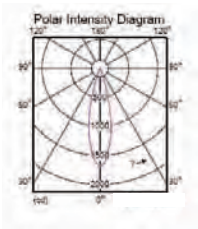
Polar Intensity Diagram *(For further Photometric data please contact our technical department)*

SpotLED III 2700k

Lamp: 1 x 5 LEDs

Beam angle: 25°

Luminaire: 348 lm



SpotLED III 2700k

Lamp: 1 x 5 LEDs

Beam angle: 40°

Luminaire: 353 lm

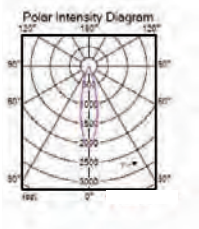


SpotLED III 4000k

Lamp: 1 x 5 LEDs

Beam angle: 25°

Luminaire: 410 lm

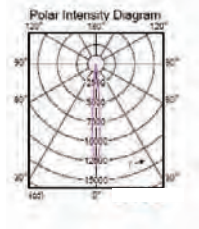


SpotLED III 2700k

Lamp: 1 x 5 LEDs

Beam angle: 10°

Luminaire: 347 lm

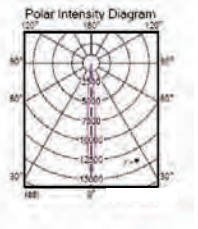


SpotLED III 4000k

Lamp: 1 x 5 LEDs

Beam angle: 10°

Luminaire: 428 lm

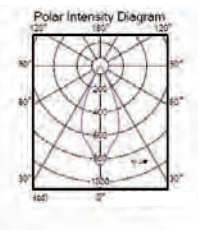


SpotLED III 4000k

Lamp: 1 x 5 LEDs

Beam angle: 40°

Luminaire: 401 lm





ArcTone Micro

- _A range of projectors to create lighting accents;
- _Ideally suited for retail applications such as fashion stores;
- _Distinctive design and choice of colour finishes;
- _Available in warm and cool white, 3150K and 6000K and a choice of 10° or 25° beam angles
- _No UV or IR in the beam





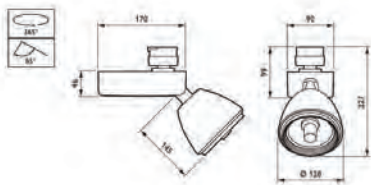
ArcTone Micro

Standard features	Type	BRS531 Projector Micro 3C Track BCS531 Projector Micro Base Plate
	Light source	3 x Luxeon K2
	Light colour	Warm white 3150K, Cool white 6000K
	Power consumption	12W
	Driver	220 - 240V / 50 - 60 Hz / 800 mA Integrated into independent driver box
	Optic	Narrow beam 10°, Medium beam 25°
	Connection	Wieland (W) Push-in (PI)
	Controls	Dimming by DALI
	Option	Lighting controls: dimming by DALI Emergency lighting
	Material	Aluminium
	Colour	White (WH) or grey (GR)
	Installation	On 3 circuit track (3C) Ceiling mounted: baseplate with connection point (BA)
	Operating temp.	-20°C < Ta < 35°C
	Lifetime	50,000 hours, 70% lumen maintenance at Ta = 25°C
	Accessories	Adaptor ring 150mm to 175mm cut-out diameter
	Main applications	Retail, museums, hospitality
	Classification code	IP 20 850°C CE

Product Selection

BCS531 Surface Mounted	Light Colour	Housing	Beam (°)	Weight (kg)	Power (w)	Order Code
	Cool White (6000K)	Chrome/ Black	10	0.89	12W	68742200
	Cool White (6000K)	Grey/ Black	25	0.89	12W	68741500
	Warm white (3150K)	Grey/ Black	25	0.89	12W	68737800

Further configurations available on request

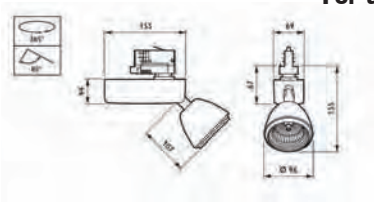


BR531 3 Circuit
Track Mounted



Light Colour	Housing	Beam (°)	Weight (kg)	Power (w)	Order Code
Cool White (6000K)	Grey/ Black	10	0.89	12W	68738500
Cool White (6000K)	Grey/ Black	25	0.89	12W	68739200
Cool White (6000K)	Black/ White	25	0.89	12W	68740800
Warm white (3150K)	Glossy Black/ Black	25	0.89	12W	68736100
Warm white (3150K)	Grey/ Black	25	0.89	12W	68734700
Warm white (3150K)	Black/ White	25	0.89	12W	68735400

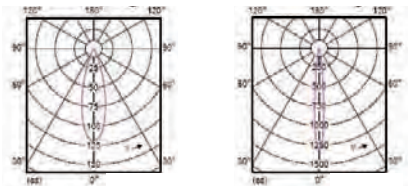
For track detail, please go to page 313



Polar Intensity Diagram (For further Photometric data please contact our technical department)

ArcTone BR531
Neutral white
Beam angle: 25°
Luminaire lumens: 991 lm
Lamp: 3150K

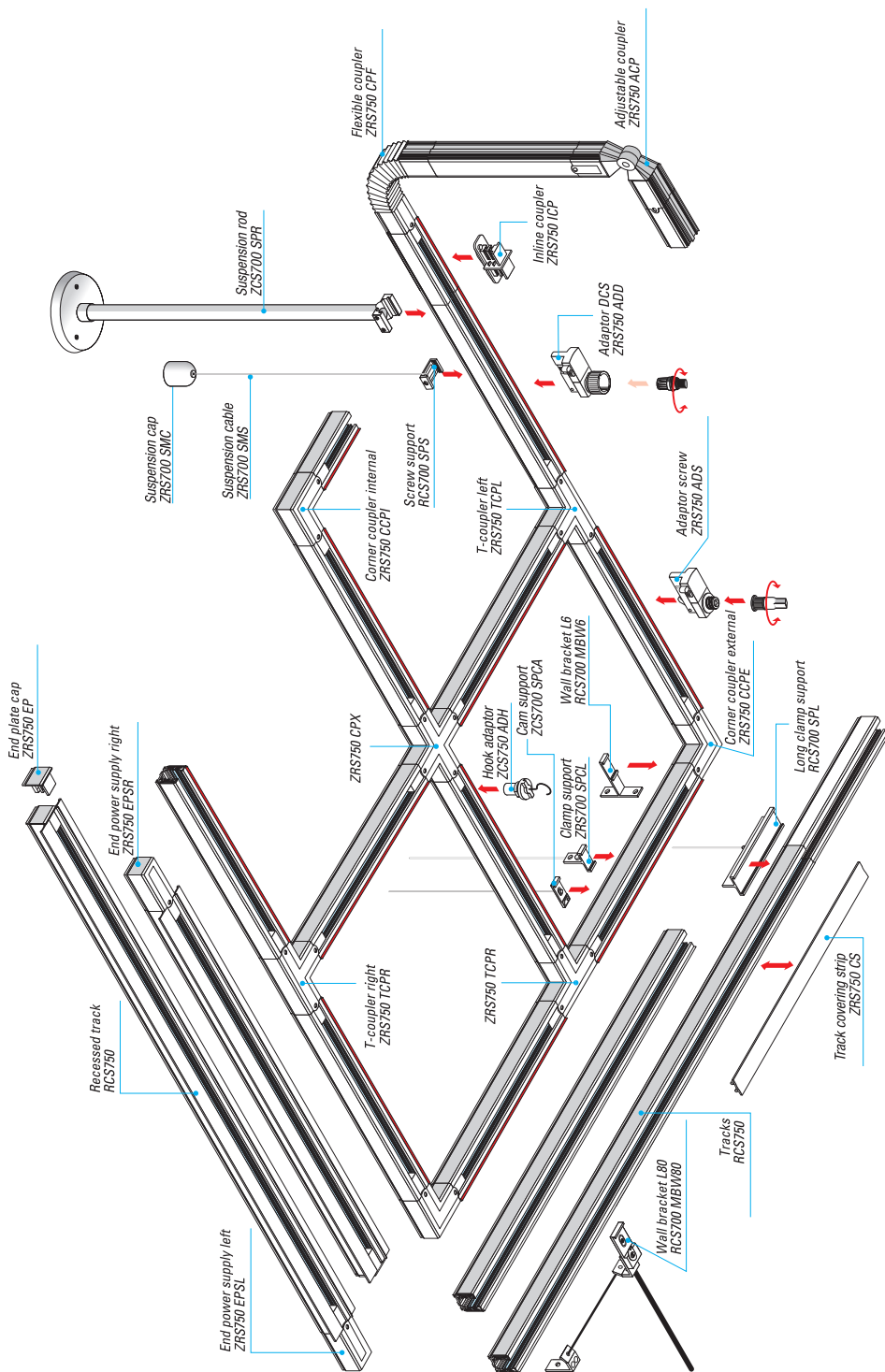
ArcTone BR531
Neutral white
Beam angle: 10°
Luminaire lumens: 213 lm
Lamp: 6000K



3 Circuit Square Track

- _A flexible 3 circuit track system for a wide range of applications;
- _Ideally suited for accent lighting;
- _Suitable for horizontal, vertical recessed and surface mounting as well as free floating applications;
- _Solid aluminium track containing 4 mains voltage electrical lines and a ground loop

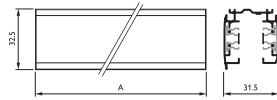




3 Circuit Track detailed line drawing

3 Circuit Square Track

Standard features



Type

Circuit

Length versions

Colour finish

Installation

Main application

Classification code

RCS750

3 circuit mains track

1000mm (L1000)

2000mm (L2000)

3000mm (L3000)

4000mm (L4000)

White (WH)

Black (BL)

Aluminium (ALU)

3 circuits 250V AC, 16A, 3x3.7 KvA (total power supply)

Retail, museums, hospitality



System Components

3 Circuit Square Track RCS750 3C



Colour finish

Length (mm)

Weight (kg)

Order Code

Aluminium

L1000

0.9

38106000

Aluminium

L2000

1.7

38107700

Aluminium

L3000

2.6

38108400

Aluminium

L4000

3.5

38109100

White

L1000

0.9

38110700

White

L2000

1.7

38111400

White

L3000

2.6

38112100

White

L4000

3.5

38113800

Black

L1000

0.9

79851600

Black

L2000

1.7

79852300

Black

L3000

2.6

79853000

Black

L4000

3.5

79854700

Power supply feeds and connectors

ZRS750 3C EPSR/ EPSL End power supply feed



Colour finish

End left / right

Weight (kg)

Order Code

Black

right

0.07

14148099

White

right

0.07

38116999

Black

left

0.07

14149799

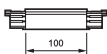
White

left

0.07

38114599

ZRS750 3C CPS Central power supply feed



Colour finish

End left / right

Weight (kg)

Order Code

Black

—

0.1

14155899

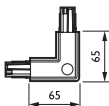
White

—

0.1

38122099

ZRS750 3C CCPE/CCPI 90degree L shaped coupler



Colour finish

End left / right

Weight (kg)

Order Code

Black

external

0.1

14152799

White

external

0.1

38128299

Black

internal

0.1

14153499

White

internal

0.1

38126899

Power supply feeds and connectors

ZRS750 CPF

Flexible elbow connector



Colour finish	End left / right	Weight (kg)	Order Code
Black	—	0.14	79855499
White	—	0.14	38120699

ZRS750 3C TCPL inline T-coupler;



Colour finish	End left / right	Weight (kg)	Order Code
White	left	0.16	38132999
Black	right	0.16	14154199
White	right	0.16	38130599

ZRS750 3C ICP inline coupler



Colour finish	End left / right	Weight (kg)	Order Code
Black	—	0.03	14151099
White	—	0.03	38118399

ZRS750 3C EP End plate



Colour finish	End left / right	Weight (kg)	Order Code
Black	—	0.01	14150399
White	—	0.01	38124499

Ceiling mounting accessories

ZRS700 2C/3C SCP



Colour finish	qty per set	Weight (kg)	Order Code
Aluminium	2	0.01	14985199
White	2	0.01	14986899
White	1	0.01	38140499

ZRS750 3C RBA Baseplate for recessed mounting



ZRS750 3C BA Baseplate for surface mounting



Colour finish	qty per set	Weight (kg)	Order Code
White	1	0.01	14715499

Suspension accessories

ZRS700 2c/3c SMS Suspension cable – can be cut to length



Length	Colour finish	qty per set	Weight (kg)	Order Code
1.5m	Aluminium	2	0.03	14988299

ZRS 2C/3C SPC Suspension clamp



short	aluminium	2	0.02	32527999
long (to be used to reinforce the joint of 2 tracks)	aluminium	2	0.08	32530999

UnicOne LED

- _UnicOne LED is a design collection ideal for retail, reception areas, meeting rooms and hospitality areas
- _Family of products consisting of spotlights, pendants, semi recessed, extractable versions
- _The geometrical design blends into most architectures
- _Low energy, 12W
- _3 x Luxeon K2 LEDs
- _Warm white 3150K & neutral white 4500K
- _10 & 25° beams
- _3 circuit track and surface mounted





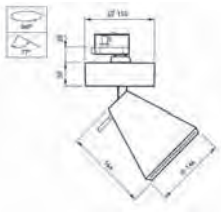
Lighting Design:
_Globen, Gerhard Rehm
Photography:
_Honer Akrawi

UnicOne LED

Standard features	Type	BRS54I Projector Micro BPK54I Pendant Micro Track Mounted BGS54I Semi-Recessed Micro BBS54I Extractable Micro BRX54I Twin Micro BCS54I Track Mounted BGX54I Surface Mounted BBX54I Semi-Recessed Extractable
	Light source	3 x Luxeon K2 / 10 25°
	Light colour	Warm white 3150K, neutral white 4500K
	Power consumption	12W for single version 24W for twin
	Driver	Electronic transformer / driver unit
	Material	Die-cast aluminium
	Colour	White / Grey, other colours on request
	Installation	3 Circuit Track, Surface Mounted, Pendant, Recessed
	Lifetime	50,000 hours, 70% lumen maintenance at Ta = 25 °C
	Main applications	Retail, Museums and Hospitality
	Classification code	   

Product Selection

UnicOne LED	Light Colour	Housing	Beam (°)	Weight (kg)	Power (w)	Order Code
Projector Micro 3 Circuit Track Mounted – BRS54I	● Warm white (3150K)	White	10	0.94	12	68087400
		Grey	10	0.94	12	68086700
	● Cool White (4500K)	White	10	0.94	12	68085000
		Grey	10	0.94	12	68084300

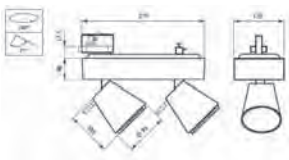


UnicOne LED Pendant Micro 3 Circuit – BPK54I



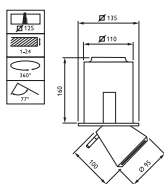
Light Colour	Housing	Beam (°)	Weight (kg)	Power (w)	Order Code
● Warm white (3150K)	White	10	0.90	12	68082900
	Grey	10	0.90	12	68083600

UnicOne LED Twin Micro 3 Circuit – BRX54I



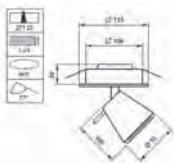
Light Colour	Housing	Beam (°)	Weight (kg)	Power (w)	Order Code
● Warm white (3150K)	Grey	25 x 25	2.05	24	67060800

UnicOne LED Extractable Micro – BBS54I



Light Colour	Housing	Beam (°)	Weight (kg)	Power (w)	Order Code
● Warm white (3150K)	White	25	1.45	12	68103100

UnicOne LED Semi-Recessed Extractable Gridlight BGS54I



Light Colour	Housing	Beam (°)	Weight (kg)	Power (w)	Order Code
● Warm white (3150K)	Grey	10	1.07	12	68105500
● Cool White (4500K)	White	25	1.07	12	68104800

For 3 Circuit Track detail, please go to page 268

UnicOne Pendant Compact

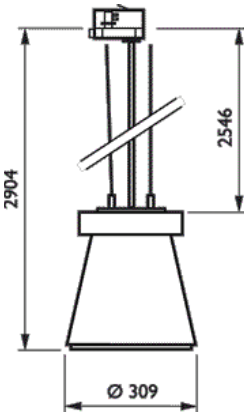
- _ Suitable for a range of retail and hospitality applications
- _ Enhances attractiveness of fresh food
- _ Featuring fortimo LED DLM module
- _ Available in 3000K and 4000K white light colour temperatures
- _ Choice of colour finishes





UnicOne Pendant Compact

Standard features



Type	BPK561
Light source	1× DLM1800-50W 1× DLM2000-50W
Light colour	Warm White (3000K) Cool White (4000K)
Power consumption	220-240V
Optic	Wide Beam
Material and finishing	Housing: Aluminium Optic: Aluminium
Installation	Direct on ceiling: baseplate with connection point (BA) Direct on ceiling, 2,5 m cord and cables On 3-circuit track (3C)
Colour	Grey (GR) or white (WH), RAL 9010 Other Ral colours available on request
Lifetime	50,000 hours, 70% lumen maintenance at Ta = 50degreeC
Main applications	Retail, supermarkets
Classification code	    

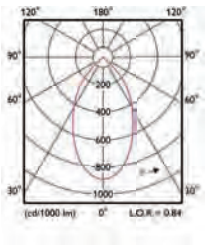
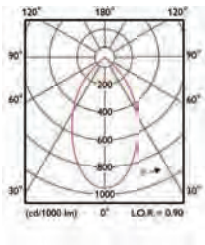
Product Selection

UnicOne Pendant Compact	Light Colour	Housing	Beam	Weight (kg)	Power (W)	Order code
	Warm White 3000K	White	WB 2x29 degree	5.67	50W	925681 00
	Cool White 4000K	White	WB 2x29 degree	5.67	50W	925698 00
	Warm White 3000K	Grey	WB 2x29 degree	5.67	50W	925704 00
	Cool White 4000K	Grey	WB 2x29 degree	5.67	50W	925711 00

Polar Intensity Diagram (For further Photometric data please contact our technical department)

Luminaire : UnicOne BPK561
1xDLM1800-50W/730
Lampflux : 1 x 1800 lm
Measurement code : LVL1916800
Measurement date : 2009-11-13
Measurement status : Released
L.O.R. : 0.90

Luminaire : UnicOne BPK561
1xDLM2000-50W/740
Lampflux : 1 x 2000 lm
Measurement code : LVL1916400
Measurement date : 2009-11-12
Measurement status : Released
L.O.R. : 0.84



eW Downlight Powercore®

- _Ideal applications: lobbies, corridors, conference rooms, retail and hospitality area environments
- _Surface mounted downlight for general lighting
- _High energy efficiency and long lifetime, it allows incredible energy and maintenance savings versus halogen based luminaires
- _Low profile design ensures minimal visual impact. Utilising high-efficacy and high brightness LEDs
- _Available in warm 2700K and neutral 4000K colour with a medium and wide beam option
- _Choice of 3 colour finishes
- _Philips Core Technologies used:

Powercore® technology – Power and data combined, eliminating the need of an external power supply

Chromacore® – An unprecedented means for adding intelligence to LED illumination devices

Optibin® – Production process that ensures light output and colour consistency

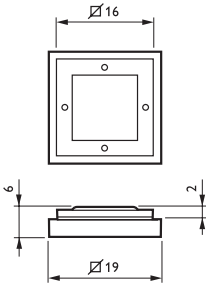




Project:
_Restaurant Flinstering
Breda, Netherlands

eW Downlight Powercore®

Standard features



Type

Light source

Light colour

Power supply

Power consumption

Controls (optional)

Optic

Lifetime

Adjustment

Material

Main applications

Classification code

BCS402

9 x HB LED

Warm white 2700K

Neutral white 4000K

230V AC

15W

Dimmable with suitable dimmers

Medium beam (30°)

Wide beam (65°)

50,000 hours

(70% lumen maintenance at $T_a = 25^\circ\text{C}$)

N.A.

Housing: aluminium and polycarbonate

Optic: polycarbonate

Hospitality



Product Selection

eW Downlight
Powercore® – BCS402

(Kit format includes: 1 x Power
Module, 1 x Lamp, 1 x Bezel)



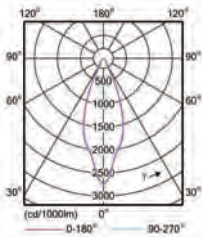
Light Colour	Housing Colour	Beam (°)	Weight (kg)	Power (w)	Order Code
● Warm white (2700K)	● Brush Aluminium	30	0.8	15	70008099
○ Neutral white (4000K)		30	0.8	15	70011099
● Warm white (2700K)	● Black	65	0.15	15	70014199
○ Neutral white (4000K)		65	0.15	15	70017299
● Warm white (2700K)	○ White	30	0.8	15	70009799
○ Neutral white (4000K)		30	0.8	15	70012799
● Warm white (2700K)	○ White	65	0.15	15	70015899
○ Neutral white (4000K)		65	0.15	15	70018999
● Warm white (2700K)	○ White	30	0.8	15	70010399
○ Neutral white (4000K)		30	0.8	15	70013499
● Warm white (2700K)	○ White	65	0.15	15	70016599
○ Neutral white (4000K)		65	0.15	15	70019699

System Components

Spare Bezels	Product	Order Code
●	Brush Aluminium	71421099
●	Black	71420399
○	White	71419799

Polar Intensity Diagram (For further Photometric data please contact our technical department)

eW Downlight Powercore®
30° 2700K BCS401
Lamp: 1 x 9 LEDs
Luminaire Lumens: 1 x 406



MagneosLED

- _Indoor LED lighting solution best suited for supermarkets and retail stores
- _Designed to increase the attractiveness of fresh food produce
- _Available in 3000K and 4000K white light colour temperatures
- _Combines breakthrough light output with energy efficiency
- _2000 lumen version to replace 35W CDM and a 1000 lumen version to replace 20W CDM
- _Choice of 10°, 20° and 30° degree beam angles
- _Available in white, grey and black housing

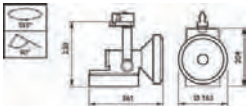




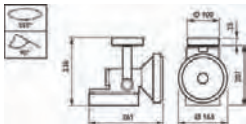
MagneosLED

Standard features

3 circuit line



Baseplate line



Type	BRS501 (3-circuit version) BCS501 (surface mounted)
Light source	LED1000 LED2000
Light colour	Warm white, 3000 K (830) Neutral white, 4000 K (840) Fresh food red enhancement, 3000 K (830/RD) Fresh food yellow enhancement, 3000 K (830/AM)
Power consumption	45 W (LED2000 lumen) 25 W (LED1000 lumen)
Optic	Beam angles 10, 20, 30°
Material and finishing	Housing: die-cast aluminium Optics: plastic
Installation	On 3-circuit track. Direct on ceiling baseplate with connection point.
Colour	White (WH) , grey (GR) and black (BK)
Lifetime	50,000 hours, 70% lumen maintenance at Ta = 25degreeC
Main applications	Supermarkets
Classification code	   

Product Selection

BRS501 MagneosLED
Track Mounted



Light Colour	lm	Housing	Beam	Order code
Warm White 3000K	2000	White	18	93223800
Cool White 4000K	1000	Black	32	93224500
Warm White 3000K	2000	Grey	18	93317400
Warm White 3000K	2000	Grey	32	93318100
Cool White 4000K	1000	Grey	32	93319800
Cool White 4000K	1000	Grey	18	93320400

BCS501 MagneosLED

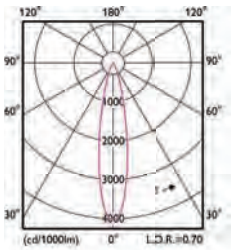
Surface Mounted



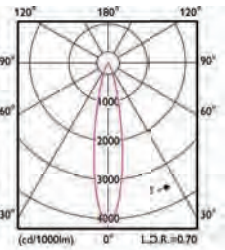
Cool White 4000K	1000	Black	32	93321100
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Polar Intensity Diagram (For further Photometric data please contact our technical department)

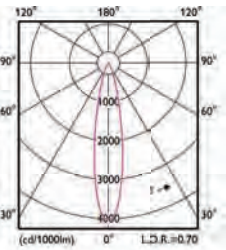
Luminaire : BCS501 LED1000/840
MB18
Lampflux : 1 x 1760 lm



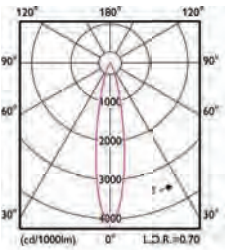
Luminaire : BCS501 LED2000/840
MB18
Lampflux : 1 x 3168 lm



Luminaire : BRS501 LED1000/840
MB18
Lampflux : 1 x 1760 lm



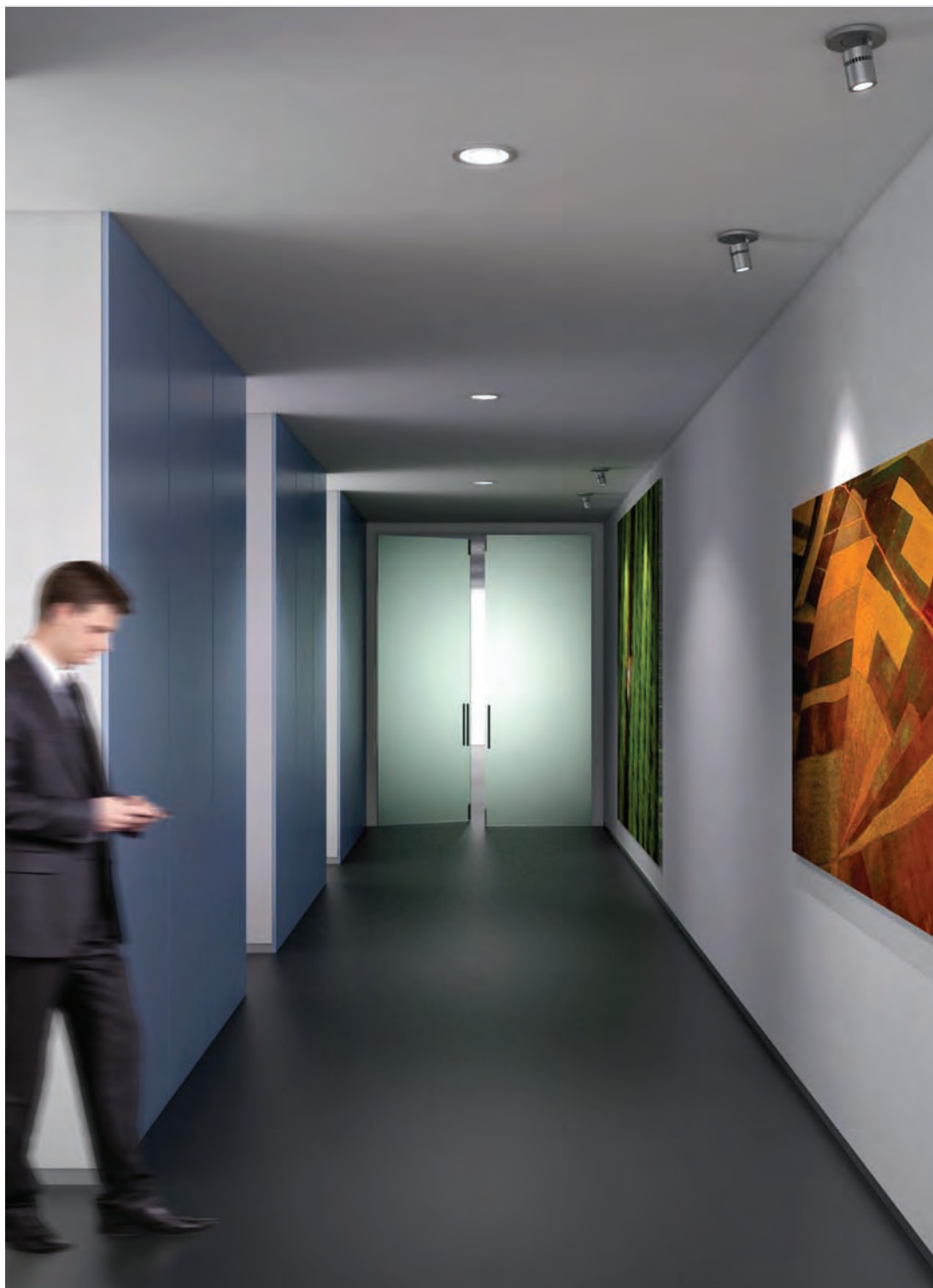
Luminaire : BRS501 LED2000/840
MB18
Lampflux : 1 x 3168 lm



StyliD

- _ Suitable for a range of retail and hospitality applications
- _ Offers substantially lower energy savings compared to halogen
- _ Covers all accent lighting applications
- _ Available in 3000K and 4000K white light colour temperatures
- _ Beam angles of 13, 25 and 40 degrees (Use degree symbol)
- _ Range includes downlights, projectors, and 3C track system
- _ All available in 3 different sizes – micro, mini and compact
- _ Available in standard, black, grey and white housings with a choice of many other colour options





StyliD micro versions

Standard features

Type

BBG510 (recessed, fixed round)
BBG511 (recessed, fixed square)
BBG512 (recessed, adjustable round)
BBG513 (recessed, adjustable square)
BBG514 (semi recessed, adjustable round)
BBG515 (semi recessed, adjustable square)
BCG510 (surfaced mounted)
BRG510 (3-circuit track)
BCS501 (baseplate version)

Light source

1 x SLED400

Light colour

Warm white, 3000 K
 Neutral white, 4000 K

Power consumption

10 W

Optic

Beam angles 13, 25, 40°

Material

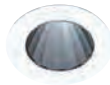
Heat sink, reflectors and housing: aluminium
 Fixation: steel and polycarbonate
 Driver box, accessory and optic holder: plastic
 Lenses: polycarbonate

Colour

Brushed aluminium (BA), white (WH) or black (BK)
 Customized colour available on request

Lifetime

50,000 hours, 70% lumen maintenance at $T_a = 25^\circ\text{C}$



BBG510



BBG511



BBG512



BBG513



BBG514



BBG515



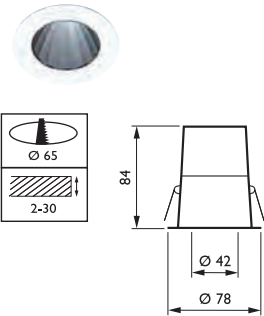
BCG510



BRG510

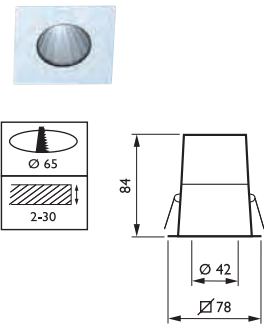
StylID micro versions

BBG510 Micro
(recessed, fixed round)



Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000K	15	10W	White	ELV	72620200
Warm White 3000K	25	10W	White	ELV	72652300
Warm White 3000K	40	10W	White	ELV	72684400
Warm White 3000K	15	10W	White	No	72604200
Warm White 3000K	40	10W	White	No	72668400
Cool White 4000K	15	10W	White	ELV	72628800
Cool White 4000K	25	10W	White	ELV	72660800
Cool White 4000K	40	10W	White	ELV	72692900
Cool White 4000K	15	10W	White	No	72612700
Cool White 4000K	25	10W	White	No	72644800
Cool White 4000K	40	10W	White	No	72676900

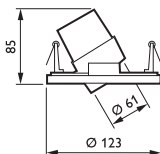
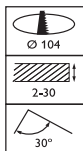
BBG511 Micro
(recessed, fixed square)



Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000K	15	10W	White	ELV	72621900
Warm White 3000K	25	10W	White	ELV	72653000
Warm White 3000K	40	10W	White	ELV	72685100
Warm White 3000K	15	10W	White	No	72605900
Warm White 3000K	25	10W	White	No	72637000
Warm White 3000K	40	10W	Aluminium	No	72974600
Warm White 3000K	40	10W	White	No	72669100
Cool White 4000K	15	10W	White	ELV	72629500
Cool White 4000K	25	10W	White	ELV	72661500
Cool White 4000K	40	10W	White	ELV	72693600
Cool White 4000K	15	10W	White	No	72613400
Cool White 4000K	25	10W	White	No	72645500
Cool White 4000K	40	10W	White	No	72677600

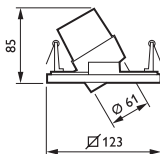
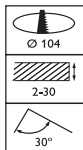
StyliD micro versions

BBG512 Micro
(recessed, adjustable
round)



Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000K	15	10W	White	ELV	72622600
Warm White 3000K	25	10W	White	ELV	72654700
Warm White 3000K	40	10W	White	ELV	72686800
Warm White 3000K	15	10W	White	No	72606600
Warm White 3000K	25	10W	White	No	72638700
Warm White 3000K	40	10W	White	No	72670700
Cool White 4000K	15	10W	Aluminium	ELV	72630100
Cool White 4000K	25	10W	White	ELV	72662200
Cool White 4000K	25	10W	White	ELV	72973900
Cool White 4000K	40	10W	White	ELV	72694300
Cool White 4000K	15	10W	Aluminium	No	72614100
Cool White 4000K	25	10W	White	No	72646200
Cool White 4000K	25	10W	White	No	73069800
Cool White 4000K	40	10W	White	No	72678300

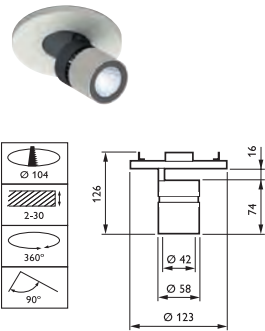
BBG513 Micro
(recessed, adjustable
square)



Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000K	15	10W	White	ELV	72623300
Warm White 3000K	25	10W	White	ELV	72655400
Warm White 3000K	40	10W	White	ELV	72687500
Warm White 3000K	15	10W	White	No	72607300
Warm White 3000K	25	10W	White	No	72639400
Warm White 3000K	40	10W	White	No	72671400
Cool White 4000K	15	10W	White	ELV	72631800
Cool White 4000K	25	10W	White	ELV	72663900
Cool White 4000K	40	10W	White	ELV	72695000
Cool White 4000K	15	10W	White	No	72615800
Cool White 4000K	25	10W	White	No	72647900
Cool White 4000K	40	10W	White	No	72679000

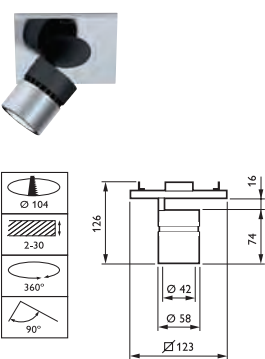
StylID micro versions

BBG514 Micro
(semi recessed, adjustable
round)



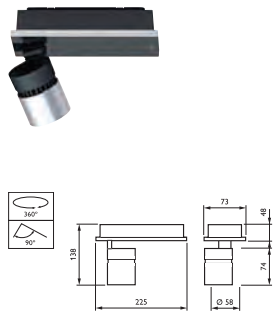
Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000K	15	10W	White	ELV	72624000
Warm White 3000K	25	10W	White	ELV	72656100
Warm White 3000K	40	10W	White	ELV	72688200
Warm White 3000K	15	10W	White	No	72608000
Warm White 3000K	25	10W	White	No	72640000
Warm White 3000K	40	10W	White	No	72672100
Cool White 4000K	15	10W	White	ELV	72632500
Cool White 4000K	25	10W	White	ELV	72664600
Cool White 4000K	40	10W	White	ELV	72696700
Cool White 4000K	15	10W	White	No	72616500
Cool White 4000K	25	10W	White	No	72648600
Cool White 4000K	40	10W	White	No	72680600

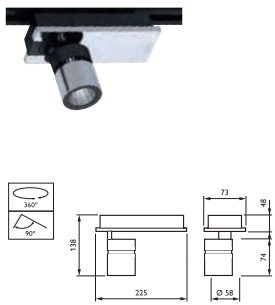
BBG515 Micro
(semi recessed, adjustable
square)



Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000K	15	10W	White	ELV	72625700
Warm White 3000K	25	10W	White	ELV	72657800
Warm White 3000K	40	10W	White	ELV	72689900
Warm White 3000K	15	10W	White	No	72609700
Warm White 3000K	25	10W	White	No	72641700
Warm White 3000K	40	10W	White	No	72673800
Cool White 4000K	15	10W	White	ELV	72633200
Cool White 4000K	25	10W	White	ELV	72665300
Cool White 4000K	40	10W	White	ELV	72697400
Cool White 4000K	15	10W	White	No	72617200
Cool White 4000K	25	10W	White	No	72649300
Cool White 4000K	40	10W	White	No	72681300

StylID micro versions

BCG510 (surface mounted)		Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
		Warm White 3000K	15	10W	White	ELV	72626400
		Warm White 3000K	25	10W	White	ELV	72658500
		Warm White 3000K	40	10W	White	ELV	72690500
		Warm White 3000K	15	10W	Aluminium	No	72971500
		Warm White 3000K	15	10W	White	No	72610300
		Warm White 3000K	25	10W	White	No	72642400
		Warm White 3000K	40	10W	White	No	72674500
		Cool White 4000K	15	10W	White	ELV	72634900
		Cool White 4000K	25	10W	White	ELV	72666000
		Cool White 4000K	40	10W	White	ELV	72698100
		Cool White 4000K	15	10W	White	No	72618900
		Cool White 4000K	25	10W	White	No	72650900
		Cool White 4000K	40	10W	White	No	72682000

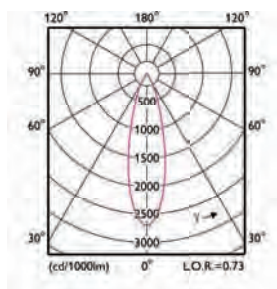
BRG510 (3-circuit track)		Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
		Warm White 3000K	15	10W	White	ELV	72627100
		Warm White 3000K	25	10W	White	ELV	72659200
		Warm White 3000K	40	10W	White	ELV	72691200
		Warm White 3000K	15	10W	White	No	72611000
		Warm White 3000K	25	10W	White	No	72643100
		Warm White 3000K	40	10W	Aluminium	No	72975300
		Warm White 3000K	40	10W	White	No	72675200
		Cool White 4000K	15	10W	White	ELV	72635600
		Cool White 4000K	25	10W	White	ELV	72667700
		Cool White 4000K	40	10W	White	ELV	72699800
		Cool White 4000K	15	10W	White	No	72619600
		Cool White 4000K	25	10W	White	No	72651600
		Cool White 4000K	40	10W	White	No	72683700

Polar Intensity Diagram (For further Photometric data please contact our technical department)

Luminaire : StyliD Micro 1xXPE WW

Medium Beam

Lampflux : 1 x 592 lm



For further information call 01483 293 258

StyliD mini versions

Standard features

Type

BBG520 (recessed, fixed round)
BBG521 (recessed, fixed square)
BBG522 (recessed, adjustable round)
BBG523 (recessed, adjustable square)
BBG524 (semi recessed, adjustable round)
BBG525 (semi recessed, adjustable square)
BCG520 (surfaced mounted)
BRG520 (3-circuit track)

Light source

1 x SLED800

Light colour

Warm white, 3000 K
 Neutral white, 4000 K

Power consumption

17W

Optic

Beam angles 13, 25, 40°

Material

Heat sink, reflectors and housing: aluminium
 Fixation: steel and polycarbonate
 Driver box, accessory and optic holder: plastic
 Lenses: polycarbonate

Colour

Brushed aluminium (BA), white (WH) or black (BK)
 Customized colour available on request

Lifetime

50,000 hours, 70% lumen maintenance at $T_a = 25^\circ\text{C}$



BBG520



BBG521



BBG522



BBG523



BBG524



BBG524



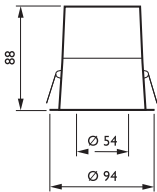
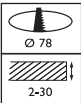
BCG520



BRG520

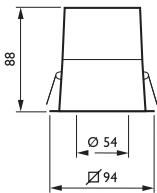
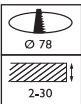
StylID mini versions

BBG520 Mini
(recessed, fixed round)



Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000K	25	17W	Aluminium	DALI	73054400
Warm White 3000K	40	17W	Aluminium	DALI	73073500
Warm White 3000K	25	17W	White	ELV	72771100
Warm White 3000K	40	17W	White	ELV	72803900
Warm White 3000K	15	17W	White	No	72723000
Warm White 3000K	25	17W	White	No	72755100
Warm White 3000K	40	17W	White	No	72787200
Cool White 4000K	15	17W	White	ELV	72747600
Cool White 4000K	25	17W	White	ELV	72779700
Cool White 4000K	40	17W	White	ELV	72811400
Cool White 4000K	15	17W	White	No	72731500
Cool White 4000K	25	17W	White	No	72763600
Cool White 4000K	40	17W	White	No	72795700

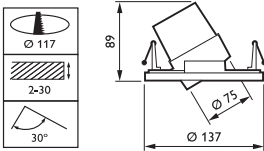
BBG521 Mini
(recessed, fixed square)



Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000K	15	17W	White	ELV	72740700
Warm White 3000K	25	17W	White	ELV	72772800
Warm White 3000K	40	17W	White	ELV	72804600
Warm White 3000K	15	17W	White	No	72724700
Warm White 3000K	25	17W	White	No	72756800
Warm White 3000K	40	17W	White	No	72788900
Cool White 4000K	15	17W	White	ELV	72748300
Cool White 4000K	25	17W	White	ELV	72780300
Cool White 4000K	40	17W	White	ELV	72812100
Cool White 4000K	15	17W	White	No	72732200
Cool White 4000K	25	17W	White	No	72764300
Cool White 4000K	25	17W	Aluminium	No	72977700
Cool White 4000K	40	17W	White	No	72796400

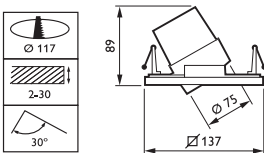
StylID mini versions

BBG522 Mini (recessed, adjustable round)



Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000K	25	17W	Aluminium	DALI	73074200
Warm White 3000K	25	17W	Black	DALI	73035300
Warm White 3000K	15	17W	White	ELV	72741400
Warm White 3000K	25	17W	White	ELV	72773500
Warm White 3000K	40	17W	White	ELV	72805300
Warm White 3000K	15	17W	White	No	72725400
Warm White 3000K	25	17W	White	No	72757500
Warm White 3000K	40	17W	Aluminium	No	72979100
Warm White 3000K	40	17W	Aluminium	No	72789600
Cool White 4000K	15	17W	White	ELV	72749000
Cool White 4000K	25	17W	White	ELV	72781000
Cool White 4000K	40	17W	White	ELV	72813800
Cool White 4000K	15	17W	White	No	72733900
Cool White 4000K	25	17W	White	No	72765000
Cool White 4000K	40	17W	White	No	72797100

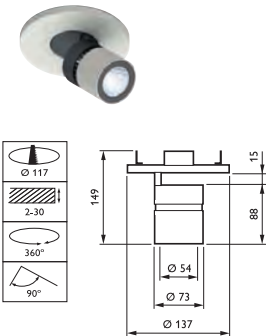
BBG523 Mini (recessed, adjustable square)



Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000K	15	17W	White	ELV	72742100
Warm White 3000K	25	17W	White	ELV	72774200
Warm White 3000K	40	17W	White	ELV	72806000
Warm White 3000K	15	17W	White	No	72726100
Cool White 4000K	15	17W	White	ELV	72734600
Cool White 4000K	15	17W	White	ELV	72750600
Cool White 4000K	25	17W	White	ELV	72782700
Cool White 4000K	25	17W	White	No	72766700
Cool White 4000K	40	17W	White	No	72814500
Cool White 4000K	40	17W	White	No	72798800

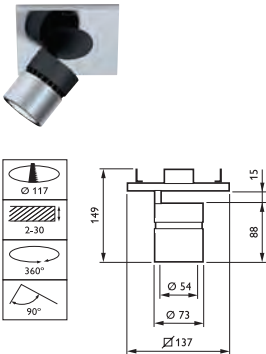
StylID mini versions

BBG524 Mini
(semi recessed, adjustable
round)



Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000K	15	17W	White	ELV	72743800
Warm White 3000K	15	17W	Aluminium	ELV	72976000
Warm White 3000K	15	17W	White	ELV	72751300
Warm White 3000K	25	17W	White	ELV	72775900
Warm White 3000K	15	17W	White	No	72735300
Warm White 3000K	15	17W	White	No	72727800
Warm White 3000K	25	17W	White	No	72759900
Cool White 4000K	25	17W	White	No	72767400
Cool White 4000K	40	17W	White	No	72791900
Cool White 4000K	40	17W	White	No	72799500
Cool White 4000K	25	17W	White	ELV	72783400
Cool White 4000K	40	17W	White	ELV	72807700
Cool White 4000K	40	17W	White	ELV	72815200

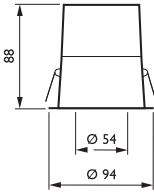
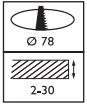
BBG525 Mini
(semi recessed, adjustable
square)



Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000k	15	17W	White	ELV	72744500
Warm White 3000k	25	17W	White	ELV	72776600
Warm White 3000k	40	17W	White	ELV	72808400
Warm White 3000k	15	17W	White	No	72728500
Warm White 3000k	25	17W	White	No	72760500
Warm White 3000k	40	17W	White	No	72792600
Cool White 4000k	25	17W	Aluminium	DALI	73036000
Cool White 4000k	15	17W	White	ELV	72752000
Cool White 4000k	25	17W	White	ELV	72784100
Cool White 4000k	40	17W	White	ELV	72816900
Cool White 4000k	15	17W	White	No	72736000
Cool White 4000k	25	17W	White	No	72768100
Cool White 4000k	40	17W	White	No	72800800

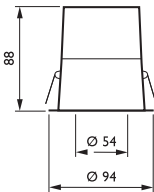
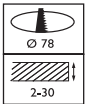
StylID mini versions

BCG520 Mini (surface mounted)



Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000K	15	17W	White	ELV	72745200
Warm White 3000K	25	17W	White	ELV	72777300
Warm White 3000K	40	17W	White	ELV	72809100
Warm White 3000K	15	17W	White	No	72729200
Warm White 3000K	25	17W	White	No	72761200
Warm White 3000K	40	17W	White	No	72793300
Cool White 4000K	15	17W	White	ELV	72753700
Cool White 4000K	25	17W	White	ELV	72785800
Cool White 4000K	40	17W	White	ELV	72817600
Cool White 4000K	25	17W	Aluminium	No	72978400
Cool White 4000K	15	17W	White	No	72737700
Cool White 4000K	25	17W	White	No	72769800
Cool White 4000K	40	17W	White	No	72801500

BRG520 Mini (3-circuit track)



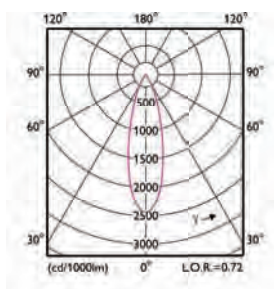
Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000K	15	17W	White	ELV	72746900
Warm White 3000K	25	17W	White	ELV	72778000
Warm White 3000K	40	17W	Aluminium	ELV	72980700
Warm White 3000K	40	17W	White	ELV	72810700
Warm White 3000K	15	17W	White	No	72730800
Warm White 3000K	25	17W	White	No	72762900
Warm White 3000K	40	17W	White	No	72794000
Cool White 4000K	15	17W	White	ELV	72754400
Cool White 4000K	25	17W	White	ELV	72786500
Cool White 4000K	40	17W	White	ELV	72818300
Cool White 4000K	15	17W	White	No	72738400
Cool White 4000K	25	17W	White	No	72770400
Cool White 4000K	40	17W	White	No	72802200

Polar Intensity Diagram (For further Photometric data please contact our technical department)

Luminaire : StyliD Mini I x XPEVVV

Medium Beam

Lampflux : I x 888 lm



For further information call 01483 293 258

StyliD compact versions

Standard features

Type	BBG530 (recessed, fixed round) BBG531 (recessed, fixed square) BBG532 (recessed, adjustable round) BBG533 (recessed, adjustable square) BBG534 (semi recessed, adjustable round) BBG535 (semi recessed, adjustable square) BCG530 (surfaced mounted) BRG530 (3-circuit track)
Light source	I x SLED I200
Light colour	Warm white, 3000 K Neutral white, 4000 K
Power consumption	24 W
Optic	Beam angles 13, 25, 40°
Material	Heat sink, reflectors and housing: aluminium Fixation: steel and polycarbonate Driver box, accessory and optic holder: plastic Lenses: polycarbonate
Colour	Brushed aluminium (BA), white (WH) or black (BK) Customized colour available on request
Lifetime	50,000 hours, 70% lumen maintenance at $T_a = 25^{\circ}\text{C}$



BBG530



BBG531



BBG532



BBG533



BBG534



BBG535



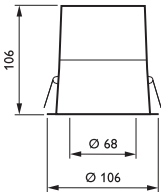
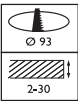
BCG530



BRG530

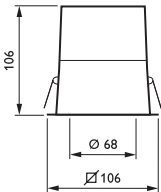
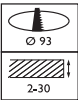
StylID compact versions

BBG530 Compact
(recessed, fixed round)



Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000K	15	24W	White	ELV	72858900
Warm White 3000K	25	24W	White	ELV	72890900
Warm White 3000K	40	24W	White	ELV	72922700
Warm White 3000K	15	24W	White	No	72842800
Warm White 3000K	40	24W	White	No	72906700
Cool White 4000K	15	24W	White	ELV	72866400
Cool White 4000K	25	24W	White	ELV	72898500
Cool White 4000K	40	24W	White	ELV	72930200
Cool White 4000K	15	24W	White	No	72850300
Cool White 4000K	25	24W	White	No	72882400
Cool White 4000K	40	24W	White	No	72914200

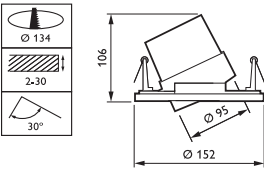
BBG531 Compact
(recessed, fixed square)



Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000K	15	24W	White	ELV	72859600
Warm White 3000K	25	24W	White	ELV	72891600
Warm White 3000K	25	24W	Aluminium	ELV	72983800
Warm White 3000K	40	24W	White	ELV	72923400
Warm White 3000K	15	24W	White	No	72843500
Warm White 3000K	25	24W	White	No	72875600
Warm White 3000K	40	24W	White	No	72907400
Cool White 4000K	15	24W	White	ELV	72867100
Cool White 4000K	25	24W	White	ELV	72899200
Cool White 4000K	40	24W	White	ELV	72931900
Cool White 4000K	15	24W	White	No	72851000
Cool White 4000K	25	24W	White	No	72883100
Cool White 4000K	40	24W	White	No	72915900

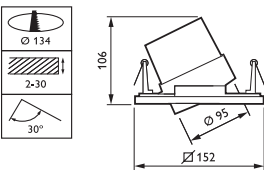
StyliD compact versions

BBG532 Compact (recessed, adjustable round)



Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000K	25	24W	Aluminium	DALI	72984500
Warm White 3000K	25	24W	Aluminium	ELV	73071100
Warm White 3000K	25	24W	White	ELV	72892300
Warm White 3000K	15	24W	White	ELV	72860200
Warm White 3000K	40	24W	White	ELV	72924100
Warm White 3000K	25	24W	Aluminium	No	73079700
Warm White 3000K	15	24W	White	No	72844200
Warm White 3000K	25	24W	White	No	73067400
Warm White 3000K	25	24W	White	No	72876300
Warm White 3000K	40	24W	White	No	72908100
Cool White 4000K	15	24W	White	ELV	72868800
Cool White 4000K	25	24W	White	ELV	72900500
Cool White 4000K	40	24W	White	ELV	72932600
Cool White 4000K	15	24W	White	No	72852700
Cool White 4000K	25	24W	White	No	72884800
Cool White 4000K	40	24W	White	No	72916600

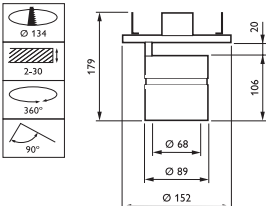
BBG533 Compact (recessed, adjustable square)



Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000K	15	24W	White	ELV	72861900
Warm White 3000K	25	24W	White	ELV	72893000
Warm White 3000K	40	24W	White	ELV	72925800
Warm White 3000K	15	24W	White	No	72845900
Warm White 3000K	25	24W	White	No	72877000
Warm White 3000K	40	24W	White	No	72909800
Cool White 4000K	15	24W	White	ELV	72869500
Cool White 4000K	25	24W	White	ELV	72901200
Cool White 4000K	40	24W	White	ELV	72933300
Cool White 4000K	15	24W	White	No	72853400
Cool White 4000K	25	24W	White	No	72885500
Cool White 4000K	40	24W	Aluminium	No	73075900
Cool White 4000K	40	24W	White	No	72917300

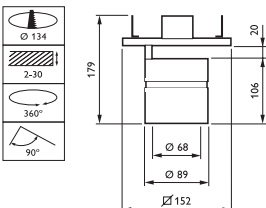
StyliD compact versions

BBG534 Compact (semi recessed, adjustable round)



Light Colour	beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000K	15	24W	White	ELV	72862600
Warm White 3000K	25	24W	White	ELV	72894700
Warm White 3000K	40	24W	White	ELV	72926500
Warm White 3000K	15	24W	White	No	72846600
Warm White 3000K	25	24W	Black	No	73068100
Warm White 3000K	25	24W	White	No	72878700
Warm White 3000K	40	24W	White	No	72910400
Cool White 4000K	25	24W	Black	DALI	73063600
Cool White 4000K	15	24W	White	ELV	72870100
Cool White 4000K	25	24W	White	ELV	72902900
Cool White 4000K	40	24W	Aluminium	ELV	72985200
Cool White 4000K	40	24W	White	ELV	72934000
Cool White 4000K	15	24W	White	No	72854100
Cool White 4000K	25	24W	White	No	72886200
Cool White 4000K	40	24W	White	No	72918000

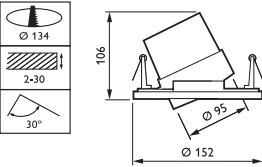
BBG535 Compact (semi recessed, adjustable square)



Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000K	15	24W	White	ELV	72863300
Warm White 3000K	25	24W	White	ELV	72895400
Warm White 3000K	40	24W	White	ELV	72927200
Warm White 3000K	15	24W	White	No	72847300
Warm White 3000K	25	24W	White	No	72879400
Warm White 3000K	40	24W	Aluminium	No	73076600
Warm White 3000K	40	24W	White	No	72911100
Cool White 4000K	15	24W	White	ELV	72871800
Cool White 4000K	25	24W	White	ELV	72903600
Cool White 4000K	40	24W	White	ELV	72935700
Cool White 4000K	15	24W	White	No	72855800
Cool White 4000K	25	24W	White	No	72887900
Cool White 4000K	40	24W	White	No	72919700

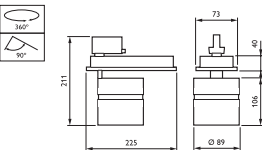
StylID compact versions

BBG532 Compact (recessed, adjustable round)



Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000K	15	24W	White	ELV	72864000
Warm White 3000K	25	24W	White	ELV	72896100
Warm White 3000K	40	24W	White	ELV	72928900
Warm White 3000K	15	24W	White	No	72848000
Warm White 3000K	25	24W	White	No	72880000
Warm White 3000K	40	24W	White	No	72912800
Cool White 4000K	15	24W	White	ELV	72872500
Cool White 4000K	25	24W	White	ELV	72904300
Cool White 4000K	40	24W	White	ELV	72936400
Cool White 4000K	15	24W	White	No	72982100
Cool White 4000K	25	24W	Aluminium	No	72888600
Cool White 4000K	25	24W	White	No	72856500
Cool White 4000K	40	24W	White	No	72920300

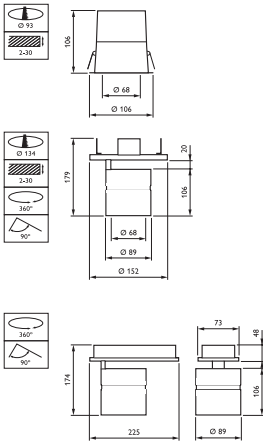
BRG530 Compact (3-circuit track)



Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White 3000K	15	24W	Aluminium	DALI	73037700
Warm White 3000K	25	24W	Aluminium	DALI	73685000
Warm White 3000K	15	24W	Aluminium	ELV	73072800
Warm White 3000K	15	24W	White	ELV	72897800
Warm White 3000K	25	24W	Aluminium	ELV	72981400
Warm White 3000K	25	24W	White	ELV	72865700
Warm White 3000K	40	24W	White	ELV	72929600
Warm White 3000K	15	24W	White	No	73059900
Warm White 3000K	25	24W	Aluminium	No	73083400
Warm White 3000K	25	24W	Black	No	72881700
Warm White 3000K	25	24W	White	No	73065000
Warm White 3000K	25	24W	White	No	72849700
Warm White 3000K	40	24W	White	No	72913500
Cool White 4000K	25	24W	Black	DALI	73064300
Cool White 4000K	15	24W	White	ELV	72873200
Cool White 4000K	25	24W	White	ELV	72905000
Cool White 4000K	40	24W	White	ELV	72937100
Cool White 4000K	15	24W	White	No	72857200
Cool White 4000K	25	24W	White	No	72889300
Cool White 4000K	25	24W	Aluminium	No	73062900
Cool White 4000K	40	24W	Aluminium	No	73077300
Cool White 4000K	40	24W	Black	No	73078000
Cool White 4000K	40	24W	White	No	72921000

StyliD Compact Power

Standard features



Type

BBG540 (Recessed, Fixed Round)
BBG541 (Recessed, Fixed Square)
BBG542 (Recessed, Adjustable Round)
BBG543 (Recessed, Adjustable Square)
BBG544 (Semi Recessed, Adjustable Round)
BBG545 (Semi Recessed, Adjustable Square)
BCG540 (Surface Mounted)
BRG540 (3-Circuit track)
BCS540 (Baseplate Version)

Light colour

Warm white, 3000 K
 Neutral white, 4000 K

Power Consumption

3000K 38W and 4000K 42W

Power supply

1 X SLED1700

Driver

PSU - Static, PSR - ELV, PSD - DALI

Optic

13, 25, 40

Materials and finishing

Heat Sink, reflectors and housing: Aluminium. Fixation: Steel and Polycarbonate. Driver Box: accessory and optic holder: Plastic lenses: polycarbonate

Lifetime

50,000hrs, 70% lumen maintenance at T = 25c

Product Selection

BBG540 (Recessed, Fixed Round)

Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White (2700 K)	25	38W	White	ELV	8500300
Warm White (2700 K)	40	38W	White	ELV	8501000
Cool White (4000K)	25	42W	White	ELV	8502700
Cool White (4000K)	40	42W	White	ELV	8503400
Warm White (2700 K)	25	38W	White	DALI	8532400
Warm White (2700 K)	25	38W	White	Static	8809700

BBG541 (Recessed, Fixed Square)

Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White (2700 K)	25	38W	White	ELV	8504100
Warm White (2700 K)	40	38W	White	ELV	8505800
Cool White (4000K)	25	42W	White	ELV	8506500
Cool White (4000K)	40	42W	White	ELV	8507200

BBG542 (Recessed, Adjustable Round)

Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White (2700 K)	25	38W	White	ELV	8508900
Warm White (2700 K)	40	38W	White	ELV	8509600
Cool White (4000K)	25	42W	White	ELV	8510200
Cool White (4000K)	40	42W	White	ELV	8511900

BBG543 (Recessed, Adjustable Square)

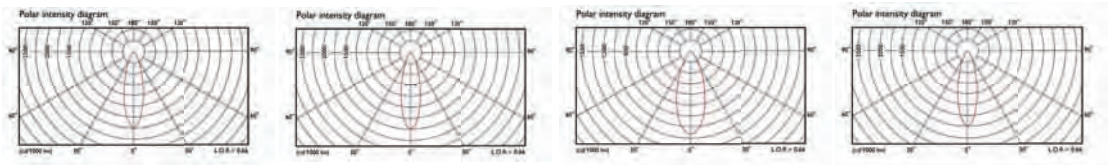
Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
Warm White (2700 K)	25	38W	White	ELV	8512600
Warm White (2700 K)	40	38W	White	ELV	8513300
Cool White (4000K)	25	42W	White	ELV	8514000
Cool White (4000K)	40	42W	White	ELV	8515700

Product Selection

BBG544 (Semi Recessed, Adjustable Round)	Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
	Warm White (2700 K)	25	38W	White	ELV	8516400
	Warm White (2700 K)	40	38W	White	ELV	8517100
	Cool White (4000K)	25	42W	White	ELV	8518800
	Cool White (4000K)	40	42W	White	ELV	8519500
BBG545 (Semi Recessed, Adjustable Square)	Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
	Warm White (2700 K)	25	38W	White	ELV	8520100
	Warm White (2700 K)	40	38W	White	ELV	8521800
	Cool White (4000K)	25	42W	White	ELV	8522500
	Cool White (4000K)	40	42W	White	ELV	8523200
BCG540 (Surface Mounted)	Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
	Warm White (2700 K)	25	38W	White	ELV	8524900
	Warm White (2700 K)	40	38W	White	ELV	8525600
	Cool White (4000K)	25	42W	White	ELV	8526300
	Cool White (4000K)	40	42W	White	ELV	8527000
BRG540 (3-Circuit track)	Light Colour	Beam	Power	Housing Colour	Dimming	Order Code
	Warm White (2700 K)	25	38W	White	ELV	8528700
	Warm White (2700 K)	40	38W	White	ELV	8529400
	Cool White (4000K)	25	42W	White	ELV	8530000
	Cool White (4000K)	40	42W	White	ELV	8531700
	Warm White (2700 K)	25	38W	White	DALI	8533100

Polar Intensity Diagram (For further Photometric data please contact our technical department)

BBG540 1xSLED1700/830 MB Lampflux : 1 x 2795 lm	BBG542 1xSLED1700/840 MB Lampflux : 1 x 3186 lm	BBG544 1xSLED1700/840 WB Lampflux : 1 x 3186 lm	BRG540 1xSLED1700/840 MB Lampflux : 1 x 3186 lm
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DaySign Projector

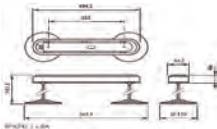
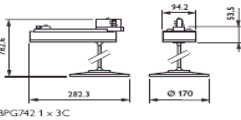
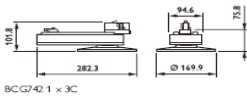
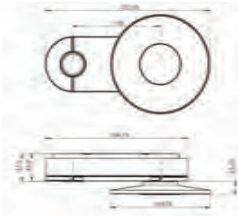
- _Atmospheric and general lighting suitable in office, retail and hospitality areas
- _Ultra-slim LED solution with breakthrough design
- _Unobtrusive and blends in with the decor
- _Solo or twin LED discs
- _Available in adjustable spots (360° horizontal, 2x90° vertical), surface-mounted and pendant luminaires
- _Non-glaring light emitting surface





DaySign Projector

Standard features



Type

BCG742 (Surface Mounted)
BRS741 (Track Mounted)
BCS741 (Surface Mounted)
BPG742 (Pendant Solo Version)
BPX742 (Pendant Twin Version)
BCX742 (Surface Mounted Twin)

Light source

1x GLED

Light colour

Warm White (3000K)
Cool White (4000K)

Power consumption

220-240V

Optic

Beam angles 36°, 60°

Material and finishing

Housing: Die-cast aluminium
Optic: Aluminium

Installation

On 3-circuit track. Direct on ceiling baseplate with connection point.

Colour

White, grey, black, brushed aluminium, chrome, glossy white, glossy black, brass, dark chrome, RAL on request

Lifetime

35,000 hours, 70% lumen maintenance at Ta = 25degreeC

Main applications

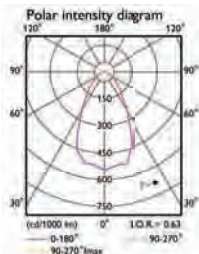
Office, retail, hospitality

Classification code



Polar Intensity Diagram (For further Photometric data please contact our technical department)

Polar Intensity Diagram
Luminaire : Galaxy DaySign 16xCree XPE Wide beam 60
Lampflux : 16 x 80 lm
Measurement code :
Measurement date : 2009-02-26
Measurement status : Development
L.O.R. : 0.63



Product Selection

BCG742 (Surface Mounted)	Light Colour	Housing	Beam	Controls	Weight	Power	Order code
	Cool White 4000K	Chrome / White Gloss	60	FIXED	1.67	20w	93118700
	Cool White 4000K	Chrome	60	FIXED	1.67	20w	93119400
	Cool White 4000K	White Gloss	60	FIXED	1.67	20w	93120000
	Cool White 4000K	White	60	FIXED	1.67	20w	93121700
	Cool White 4000K	White Gloss	60	FIXED	1.67	20w	93123100
	Warm White 3000K	Black	60	DALI	1.6	20w	93122400

BRS/BCS741	Light Colour	Housing	Beam	Controls	Weight	Power	Order code
	(BRS741 Track) Warm White 3000K	White Gloss	60	FIXED	2.02	20w	93008100
	(BRS741 Track) Warm White 3000K	Black Gloss	60	FIXED	2.02	20w	93009800
	(BCS741 Surface) Warm White 3000K	Black	60	FIXED	1.95	20w	93011100

BPG742 (Pendant Solo Version)	Light Colour	Housing	Beam	Controls	Weight	Power	Order code
	Warm White 3000K	Chrome / White Gloss	60	FIXED	2.08	20w	93016600
	Warm White 3000K	Chrome	60	FIXED	2.08	20w	93017300
	Warm White 3000K	White Gloss	60	FIXED	2.08	20w	93018000
	Warm White 3000K	White	60	FIXED	2.08	20w	93020300
	Warm White 3000K	Grey	60	FIXED	2.08	20w	93021000
	Warm White 3000K	White	60	DALI	2.08	20w	93022700

BPX742 (Pendant Twin Version)	Light Colour	Housing	Beam	Controls	Weight	Power	Order code
	Warm White 3000K	Chrome / White Gloss	60	FIXED	3.95	40w	93129300
	Warm White 3000K	Chrome	60	FIXED	3.95	40w	93130900
	Warm White 3000K	White Gloss	60	FIXED	3.95	40w	93131600
	Warm White 3000K	Grey	60	FIXED	3.95	40w	93133000
	Cool White 4000K	White	60	FIXED	3.95	40w	93134700

BCX742 (Surface Mounted Twin)	Light Colour	Housing	Beam	Controls	Weight	Power	Order code
	Warm White 3000K	Chrome / White Gloss	60	FIXED	2.84	40w	93138500
	Warm White 3000K	Chrome	60	FIXED	2.84	40w	93139200
	Warm White 3000K	White Gloss	60	FIXED	2.84	40w	93140800
	Warm White 3000K	White	60	DALI	2.84	40w	93142200



For further information call 01483 293 258

MASTER LEDlamps

MASTER LEDlamps - a complete range of retrofitable LED solutions.

No one knows LED like Philips. Our technology is seen everywhere – lighting up high-profile attractions such as The London Eye and brightening countless shops, offices and hotels.

When you choose a lamp from our extensive Philips MASTER LEDlamp range, you can be sure you're getting a highly energy efficient and cost-effective lighting solution. With some lamps lasting up to 45,000 hours and offering up to an 85% energy saving compared to halogen alternatives, customers will find that by simply changing to LED, it's possible to recoup their investment within a year.*

Read on to discover how Philips MASTER LEDlamps can help save your customers money, reduce their carbon footprint and improve their quality of light.



* Payback period depends on burning hours, electricity costs and comparable lamp type.



3 year
guarantee

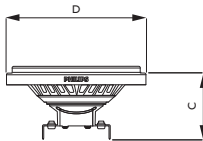
MASTER LEDspot LV ARIII G53

Ideal solution for spot lighting in shops

Technical specification

Product description	Wattage	Comparable	Socket	Bulb	Beam	Beam	Lifetime	Dimmable	Units	Colour	Colour	EOC
MASTER LEDspot LV		Halogen		shape	intensity	angle			per	rendering	temp.	8718291
	(W)	(W)			(cd)	(°)	(hours)		pack	index	K	
ARIIII 2700K	10	50	G53	ARIIII	3200	24	45,000	no	6	>80	2700	11935700
ARIIII 2700K	10	50	G53	ARIIII	1150	40	45,000	no	6	>80	2700	11939500
ARIIII 3000K	10	50	G53	ARIIII	3370	24	45,000	no	6	>80	3000	11937100
ARIIII 3000K	10	50	G53	ARIIII	1210	40	45,000	no	6	>80	3000	11941800

new
new
new
new



Dimensions (mm) / weight (kg)

Product	C	D	Weight
ARIIII/G53	60.5	111	0.122

3 year
guarantee

MASTER LEDspots MV GU10

The perfect replacement for mains voltage halogen spots

Technical specification

Product description	Wattage	Comparable	Socket	Beam	Lifetime	Dimmable*	Units	Colour	Colour	EOC	EOC
MASTER LEDspot MV		Halogen		intensity			per	rendering	temp.	8727900	8718291
	(W)	(W)		(cd)	(hours)		pack	index	K		
3-35W GU10 2700K 25D	3	35	GU10	850	35,000	no	10	>80	2700	89788300	
D 4-35W GU10 2700K 25D	4	35	GU10	600	25,000	yes	10	>80	2700		12264700
D 4-35W GU10 2700K 40D	4	35	GU10	310	25,000	yes	10	>80	2700		12268500
D 4-35W GU10 3000K 25D	4	35	GU10	630	25,000	yes	10	>80	3000		11899200
D 4-35W GU10 3000K 40D	4	35	GU10	400	25,000	yes	10	>80	3000		11901200
D 7-50W GU10 4000K 25D	7	50	GU10	1400	40,000	yes	6	>80	4000	86043600	
D 7-50W GU10 4000K 40D	7	50	GU10	650	40,000	yes	6	>80	4000	86045000	
D 7-50W GU10 3000K 25D	7	50	GU10	1400	40,000	yes	6	>80	3000	86039900	
D 7-50W GU10 3000K 40D	7	50	GU10	650	40,000	yes	6	>80	3000	86041200	
D 7-50W GU10 2700K 25D	7	50	GU10	1100	40,000	yes	6	>80	2700	86033700	
D 7-50W GU10 2700K 40D	7	50	GU10	430	40,000	yes	6	>80	2700	86035100	

* We refer to the site www.philips.com/masterled for the latest information about dimming MASTER LED lamps.



7 W



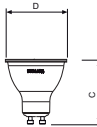
3 W



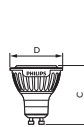
4 W



7 W



3 W



4 W

Dimensions (mm) / weight (kg)

Product	C	D	Weight
7W	81	50	0.116
3W	55.5	50	0.068
4W	55.7	50	0.050

3 year
guarantee

MASTER LEDspots LV MRI6 GU5.3

The perfect replacement for low voltage halogen spots

Technical specification

Product description	Wattage	Comparable	Socket	Bulb	Beam	Beam	Lifetime	Dimmable*	Units	Colour	Colour	EOC	EOC
MASTER LEDspot LV		Halogen		shape	intensity	angle			per	rendering	temp.	8727900	8718291
	Wattage								pack	index			
	(W)	(W)			(cd)	(°)	(hours)				K		
new 4-20W 2700K MRI6 24D TC	4	20	GU5.3	MR16	700	24	45,000	no	10	>80	2700	89822400	
4-20W 2700K MRI6 36D TC	4	20	GU5.3	MR16	470	36	45,000	no	10	>80	2700		11903600
4-20W 3000K MRI6 24D TC	4	20	GU5.3	MR16	720	24	45,000	no	10	>80	3000	89824800	
new 4-20W 3000K MRI6 36D TC	4	20	GU5.3	MR16	500	36	45,000	no	10	>80	3000		11905000
D 7-35W 2700K MRI6 15D	7	35	GU5.3	MR16	3210	15	40,000	yes	10	>80	2700		12239500
D 7-35W 2700K MRI6 24D	7	35	GU5.3	MR16	1450	24	40,000	yes	10	>80	2700		12241800
D 7-35W 2700K MRI6 36D	7	35	GU5.3	MR16	763	36	40,000	yes	10	>80	2700		11907400
D 7-35W 2700K MRI6 60D	7	35	GU5.3	MR16	320	60	40,000	yes	10	>80	3000		11913500
D 7-35W 3000K MRI6 15D	7	35	GU5.3	MR16	3300	15	40,000	yes	10	>80	3000		12243200
D 7-35W 3000K MRI6 24D	7	35	GU5.3	MR16	1550	24	40,000	yes	10	>80	3000		12245600
D 7-35W 3000K MRI6 36D	7	35	GU5.3	MR16	810	36	40,000	yes	10	>80	3000		11909800
D 7-35W 3000K MRI6 60D	7	35	GU5.3	MR16	341	60	40,000	yes	10	>80	2700		11911100
D 10-50W 2700K MRI6 15D	10	50	GU5.3	MR16	4000	15	30,000	yes	10	>80	2700		12248700
D 10-50W 2700K MRI6 24D	10	50	GU5.3	MR16	1900	24	30,000	yes	10	>80	2700		12253100
D 10-50W 2700K MRI6 36D	10	50	GU5.3	MR16	960	36	30,000	yes	10	>80	2700		11915900
D 10-50W 3000K MRI6 15D	10	50	GU5.3	MR16	4200	15	30,000	yes	10	>80	3000		12255500
D 10-50W 3000K MRI6 24D	10	50	GU5.3	MR16	1930	24	30,000	yes	10	>80	3000		12258600
new D 10-50W 3000K MRI6 36D	10	50	GU5.3	MR16	1010	36	30,000	yes	10	>80	3000		11917300

* We refer to the site www.philips.com/masterled for the latest information about dimming MASTER LED lamps.



Dimensions (mm) / weight (kg)

Product	C	D	Weight
4W	46	50	0.032
7W 10W	53.7	50	0.044



For further information call 01483 293 258

3 year
guarantee

MASTER LEDspot LV MR11 GU4

Ideal solution for display case / spot lighting in shops

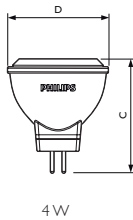
Technical specification

Product description	Wattage	Comparable	Socket	Bulb	Beam	Beam	Lifetime	Dimmable	Units	Colour	Colour	EOC
MASTER LEDspot LV		Halogen		shape	intensity	angle			per	rendering	temp.	8718291
	(W)	(W)			(cd)	(°)	(hours)		pack	index	K	
4W GU4 2700K MR11 24D	4	20	GU4	MR11	600	24	25,000	no	12	>80	2700	11923400
4W GU4 4000K MR11 24D	4	20	GU4	MR11	700	24	25,000	no	12	>80	4000	11925800

new
new



4 W



4 W

Dimensions (mm) / weight (kg)

Product	C	D	Weight
MR11/GU4	40	35	0.027

3 year
guarantee

MASTER LEDspots PAR

The energy saving alternative for lighting in public areas

Technical specification

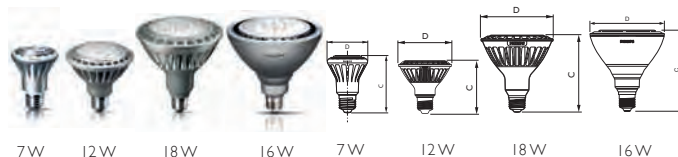
Product description	Wattage	Comparable	Socket	Bulb	Beam	Beam	Lifetime	Dimma -	Units	Colour	Colour	EOC	EOC
MASTER LEDspot		Wattage		shape	intensity	angle		ble*	per	rendering	temp.	8727900	8718291
	(W)	(W)			(cd)	(°)	(hours)		pack	index	K		
D 7-50W 2700K PAR20 25D	7	50	E27	PAR20	1000	25	45,000	yes	6	>80	2700	93398700	
D 7-50W 2700K PAR20 40D	7	50	E27	PAR20	450	40	45,000	yes	6	>80	2700	93406900	
D 7-50W 3000K PAR20 25D	7	50	E27	PAR20	1050	25	45,000	yes	6	>80	3000	93400700	
D 7-50W 3000K PAR20 40D	7	50	E27	PAR20	500	40	45,000	yes	6	>80	3000	93408300	
D 7-50W 4000K PAR20 25D	7	50	E27	PAR20	1200	25	45,000	yes	6	>80	4000	93402100	
D 7-50W 4000K PAR20 40D	7	50	E27	PAR20	550	40	45,000	yes	6	>80	4000	93410600	
12W 2700K 230V PAR30S 25D	12	75	E27	PAR30S	2250	25	45,000	yes	6	>80	2700		11927200
18W 2700K 230V PAR38 25D	18	100	E27	PAR38	3400	25	45,000	yes	6	>80	2700		11929600
16W 2700K 230V PAR38 OD	16	80	E27	PAR38	2800	25	22,000	no	10	>80	2700	85303200	

* We refer to the site www.philips.com/masterled for the latest information about dimming MASTER LED lamps.

new
new

Dimensions (mm) / weight (kg)

Product	C	D	Weight
PAR20	90.2	63.7	0.156
PAR30S	91	92	0.290
PAR38	133	121.5	0.525
PAR38 OD	131	121.5	0.686



3 year
guarantee

MASTER LEDbulbs

Dimmable solutions for general lighting

Technical specification

Product description	Wattage	Comparable	Socket	Bulb	Light	Beam	Lifetime	Dimmable*	Units	Colour	Colour	EOC
MASTER LEDbulb		incandes - cent		shape	output	angle			per pack	rendering index	temp.	8727900
	(W)	(W)			lm	(°)	(hours)				K	
6W E27 2700K 230V A55	6	25	E27	A55	250	>180	45,000	yes	6	>80	2700	85353700
8-40W E27 2700K 230V A60	8	40	E27	A60	470	>250	25,000	yes	6	>80	2700	90048400
8-40W B22 2700K 230V A60	8	40	B22	A60	470	>250	25,000	yes	6	>80	2700	90050700
D 12-60W E27 2700K A60	12	60	E27	A60	806	>300	25,000	yes	6	>80	2700	93448900
D 12-60W B22 2700K A60	12	60	B22	A60	806	>300	25,000	yes	6	>80	2700	93450200

* We refer to the site www.philips.com/masterled for the latest information about dimming MASTER LED lamps.



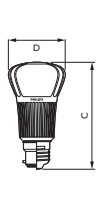
12W



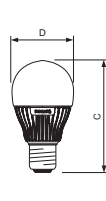
8W



6W



12W



8W



6W

Dimensions (mm) / weight (kg)

Product	C	D	Weight
8W	108	60	0.120
6W	106	55	0.135
12W E27	108	58	0.182
12W B22	108	58	0.182

Downlights &
Projectors

3 year
guarantee

MASTER LEDcapsule LV G4

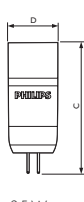
Ideal solution for task lighting and decorative applications

Technical specification

Product description	Wattage	Comparable	Socket	Lumen	Beam	Lifetime	Dimmable	Units	Colour	Colour	EOC
MASTER LEDcapsule LV		Halogen Wattage		output	angle			per pack	rendering index	temp.	8718291
	(W)	(W)		Lm	(°)	(hours)				K	
G4 2700K	2.5	10	G4	100	360	35,000	no	12	>80	2700	11933300



2.5W



2.5W

Dimensions (mm) / weight (kg)

Product	C	D	Weight
Capsule G4	49.8	18.7	0.018

Note: not a perfect fit retrofit size



For further information call 01483 293 258



Novallure candles and lusters

Eye-catching design for chandeliers

Technical specification

Product description	Wattage	Comparable	Socket	Bulb	Lumen	Lifetime	Dimmable*	Units	Colour	Colour	EOC	EOC
Novallure		incandes - cent		shape	output			per pack	rendering index	temp. K	8727900	8719291
	(W)	(W)			(lm)	(hours)						
D 3W E14 2700K 230V B35 CL	3	15	E14	B35	136	20,000	yes	10	>80	2700	93456400	
D 3W E14 2700K 230V B35 FR	3	15	E14	B35	136	20,000	yes	10	>80	2700	93458800	
D 3W E14 2700K 230V P45 CL	3	15	E14	P45	136	20,000	yes	10	>80	2700	93468700	
D 3W E14 2700K 230V P45 FR	3	15	E14	P45	136	20,000	yes	10	>80	2700	93470000	
D 3W E27 2700K 230V P45 CL	3	15	E27	P45	136	20,000	yes	10	>80	2700	93472400	
D 3W E27 2700K 230V P45 FR	3	15	E27	P45	136	20,000	yes	10	>80	2700	93474800	
D 3W B15 2700K 230V B35 CL	3	15	B15	B35	136	20,000	yes	10	>80	2700		12731400
2W E14 2700K 230V B35 CL	2	10	E14	B35	86	20,000	no	10	>80	2700	93452600	
2W E14 2700K 230V B35 FR	2	10	E14	B35	86	20,000	no	10	>80	2700	93454000	
2W E14 2700K 230V P45 CL	2	10	E14	P45	86	20,000	no	10	>80	2700	93460100	
2W E14 2700K 230V P45 FR	2	10	E14	P45	86	20,000	no	10	>80	2700	93462500	

* We refer to the site www.philips.com/masterled for the latest information about dimming MASTER LED lamps.

new



Dimensions (mm) / weight (kg)

Product	C	D	Weight
candle 3-15W	101	35	0.034
luster 3-15W E14	83.5	45	0.032
luster 3-15W E27	92	46	0.032
candle 3-15W B15	98	35	0.041
candle 2-10W	97.5	35	0.035
luster 2-10W	75.5	45	0.033

MASTER LEDtube GA



Product Description	Wattage	Colour Temperature	Length (mm)	Socket	Lumen output	Lifetime	Colour Rendering	Order Code
MASTER LEDtube GA 600mm 11W 840 G13	11	4000	600	G13	750	30,000	85	92071000
MASTER LEDtube GA 900mm 17W 840 G13	17	4000	900	G13	1150	30,000	85	92075800
MASTER LEDtube GA 1200mm 22W 840 G13	22	4000	1200	G13	1500	30,000	85	92079600
MASTER LEDtube GA 600mm 11W 865 G13	11	6500	600	G13	750	30,000	85	92073400
MASTER LEDtube GA 900mm 17W 865 G13	17	6500	900	G13	1150	30,000	85	92077200
MASTER LEDtube GA 1200mm 22W 865 G13	22	6500	1200	G13	1500	30,000	85	92081900



Ambient



DayZone



DayZone
Round



PowerBalance



Daywave



Smart Form



Celino



Arano



Coreview



Pacific LED



Ledino
(Indoor)

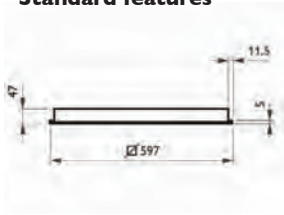
DayZone

- _Indoor recessed LED downlight
- _Suitable for general lighting applications in office or similar environments
- _Fresh, appealing design, without compromise on visual comfort
- _Helps meet sustainability criteria
- _Full dimming capabilities
- _Glare control and colour consistency designed to comply with current and future office regulations
- _Energy efficiency comparable with, and even better than, traditional fluorescent systems



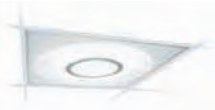


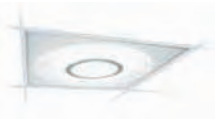
Standard features



Type	BBS560
Light source	LED 2000 (2000 lumen out of system) LED 3500 (3500 lumen out of system)
Light colour	Warm White (3000K) Neutral White (4000K)
Power consumption	40W-60W (DALI Dimmable)
Optic	OLC micro-lens made of polycarbonate (PC-MLO)
Material and finishing	Zinc-coated steel
Ceiling Type	Exposed and symmetrical concealed T-bar ceiling and plaster (board) ceiling
Ceiling grid	Module size in length: 600 x 600mm
Connection	LED3500: push-in connector 3-pole
Lifetime	50,000 hours, 70% lumen maintenance at Ta = 50degreeC
Main Applications	Office
Classification Codes	    

Product Selection

DayZone Recessed	Light Colour	Weight	Dimma- ble	Connection	Power (W)	Order code
	○ Neutral White (4000K)	8.1	Yes (Dali)	Connection	60	998890 00
	○ Neutral White (4000K)	8.1	Yes	PI	60	997503 00
	○ Neutral White (4000K)	8.1	No	Wieland	60	998913 00
	○ Neutral White (4000K)	7.2	No	PI	60	998937 00
Recessed BBS560 LED2000	○ Neutral White (4000K)	7.8	Yes	Wieland	40	997480 00



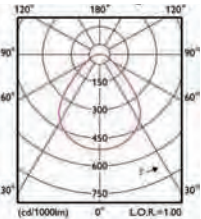
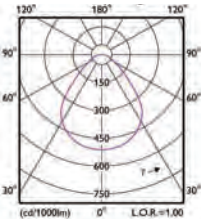
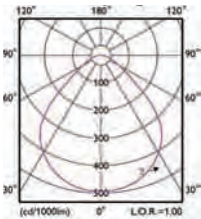
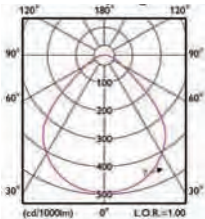
Polar Intensity Diagram (For further Photometric data please contact our technical department)

DayZone BBS560 1xLED-
HB/NW-4000 AC-MLO

DayZone BBS565 1xLED-
HB/NW-4000 AC-MLO

DayZone BBS560 1xLED-
HB/NW-4000 PC-MLO

DayZone BBS565 1xLED-
HB/NW-4000 PC-MLO



DayZone Round

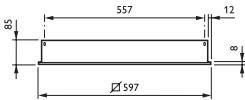
- _Indoor recessed LED downlight
- _Suitable for general lighting applications in office or similar environments
- _Fresh, appealing design, without compromise on visual comfort
- _Helps meet sustainability criteria
- _Full dimming capabilities
- _Glare control and colour consistency designed to comply with current and future office regulations
- _Energy efficiency comparable with, and even better than, traditional fluorescent systems





DayZone Round

Standard features



Type	BBS561 DayZone Round Recessed
Light source	LED 2000 (2000 lumen out of system) LED 3500 (3500 lumen out of system)
Light colour	Warm White (3000K) Neutral White (4000K)
Power consumption	40W-60W (DALI Dimmable)
Optic	OLC micro-lens made of polycarbonate (PC-MLO)
Material and finishing	Zinc-coated steel
Ceiling Type	Exposed and symmetrical concealed T-bar ceiling and plaster (board) ceiling
Ceiling grid	Module size in length: 600 x 600mm
Connection	LED3500: push-in connector 3-pole
Lifetime	50,000 hours, 70% lumen maintenance at Ta = 50degreeC
Main Applications	Office
Classification Codes	    

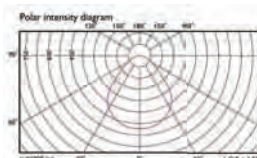
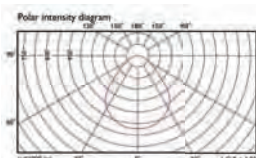
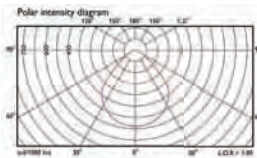
Ambient



DayZone BBS56 I

DayZone BBS56I**DayZone BBS56I**

DayZone BBS56 I



PowerBalance

- _Suitable for all indoor Ambient applications.
- _Offers Substantially Lower energy savings compared to TL-5 luminaires of a similar output.
- _Available in 3000K and 4000K.
- _Range includes emergency versions and Actilume DALI control versions.





PowerBalance

Standard features



Type	RC460B 600mm X 600mm RC460B 1200mm X 600mm
Light colour	3000K and 4000K
Power consumption	2500lm 35W and 3200lm 45W
Light Source	LED28S and LED34S
Driver	PSD - DALI
Material and finishing	Housing Material - Sheet StainlessSteel and Optic Polycarbonate
Lifetime	50,000hrs, 70% lumen maintenance at T = 25c
Housing colour	White



For further information call 01483 293 258

Product Selection

Light Colour	Weight	Version	Connection	Power	Housing Colour	Dimming	Order Code
RC460B Recessed 600mm x 600mm							
○ Neutral White (4000 K)	6.9	Standard	Wieland 3	45W	White	DALI	91619100
○ Neutral White (4000 K)	6.9	Standard	Push in	45W	White	DALI	91621400
○ Neutral White (4000 K)	7	Actilume	Wieland 3	45W	White	DALI	91623800
○ Neutral White (4000 K)	7.1	Emergency	Wieland 4	45W	White	DALI	91624500
○ Neutral White (4000 K)	6.9	Standard	Push in	35W	White	DALI	91626900
○ Neutral White (4000 K)	7	Actilume	Wieland 3	35W	White	DALI	91628300
○ Neutral White (4000 K)	7.1	Emergency	Wieland 4	35W	White	DALI	91629000
RC460B Recessed 1200mm x 300mm							
○ Neutral White (4000 K)	6.8	Standard	Wieland 3	45W	White	DALI	91630600
○ Neutral White (4000 K)	6.8	Standard	Push in	45W	White	DALI	91632000
○ Neutral White (4000 K)	6.9	Actilume	Wieland 3	45W	White	DALI	91634400
○ Neutral White (4000 K)	7	Emergency	Wieland 4	45W	White	DALI	91635100
○ Neutral White (4000 K)	6.8	Standard	Push in	35W	White	DALI	91637500
○ Neutral White (4000 K)	6.9	Actilume	Wieland 3	35W	White	DALI	91639900
○ Neutral White (4000 K)	7	Emergency	Wieland 4	35W	White	DALI	91640500
RC460B Recessed 600mm x 600mm							
● Warm White 3000K	6.9	Standard	Wieland 3	45W	White	DALI	91620700
● Warm White 3000K	6.9	Standard	Push in	45W	White	DALI	91622100
● Warm White 3000K	7	Actilume	Wieland 3	45W	White	DALI	91755600
● Warm White 3000K	7.1	Emergency	Wieland 4	45W	White	DALI	91756300
● Warm White 3000K	6.9	Standard	Push in	35W	White	DALI	91627600
● Warm White 3000K	7	Actilume	Wieland 3	35W	White	DALI	91757000
● Warm White 3000K	7.1	Emergency	Wieland 4	35W	White	DALI	91758700
RC460B Recessed 1200mm x 300mm							
● Warm White 3000K	6.8	Standard	Wieland 3	45W	White	DALI	91631300
● Warm White 3000K	6.8	Standard	Push in	45W	White	DALI	91633700
● Warm White 3000K	6.9	Actilume	Wieland 3	45W	White	DALI	91759400
● Warm White 3000K	7	Emergency	Wieland 4	45W	White	DALI	91760000
● Warm White 3000K	6.8	Standard	Push in	35W	White	DALI	91638200
● Warm White 3000K	6.9	Actilume	Wieland 3	35W	White	DALI	91762400
● Warm White 3000K	7	Emergency	Wieland 4	35W	White	DALI	91762400

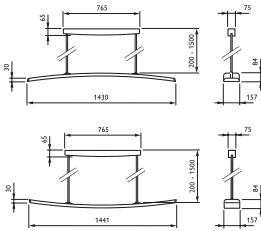
DayWave

- _The essence of total LED form freedom
- _A beautiful sleek design suitable for continuous suspended mounting
- _Delivering uniform lighting for high visual comfort
- _Available in dynamic colour temperature changing version
- _Optional curve up and curve down design





Standard features



Light colour

Dynamic: 3000-5500 K (3000-5000)
Mono-colour:
Warm-white, 3000 K (3000)
Neutral-white, 4000 K (4000), on request
Indirect blue light (BLL)
Note: indirect blue light only used when all white light is switched off

Lighting distribution

White: direct ca 80% / indirect 20%

Driver current

0 - 400 mA (dimmbale)

Mains voltage

100-240 V
50-60Hz

Power consumption

Static : 140 W Dynamic : 130 - 145W

Ballast (integrated)

Electronic, 100 - 240 V / 50 - 60 Hz

Driver

DALI protocol (interface integrated)

Optic

Micro-lense-optic (MLO)

Controls

DALI protocol

Material

Housing: extruded anodised aluminium, finishing brushed (BRU) and polished chrome on request
End-caps and suspension tubes: extruded anodised aluminium with polished front end (BRU)
Cover: acrylic (AC-MLO) or polycarbonate (PC-MLO), micro-lense-optic
Ceiling unit: aluminium

Colour

Aluminium brushed and polished chrome on request

Installation

Suspended: individual or in line; suspended mounting with a set of two suspension tubes 150cm per luminaire (can be sawn to right length on site)

Lifetime

50,000 hours, 70% lumen maintenance at Ta = 25°C

Main applications

Office, hospitality, reception desks

Classification code



Product Selection

BPS800 Pendant Dynamic
colors warm/cool white



Light Colour	Curve	Material	Weight (kg)	Housing	Order Code
○ 3000-5500	Down	AC-MLO	10.5	Brushed Alumn.	24130900
○ 3000-5500	Down	AC-MLO	10.5	Brushed Alumn.	24132300
○ 3000-5500	Up	PC-MLO	10.5	Brushed Alumn.	24135400
○ 3000-5500	Up	PC-MLO	10.5	Brushed Alumn.	24138500

BPS800 Pendant Static
colour 3000K

Light Colour	Curve	Material	Weight (kg)	Housing	Order Code
● Warm white (3000K)	Down	AC-MLO	10.5	Brushed Alumn.	24141500
● Warm white (3000K)	Down	AC-MLO	10.5	Brushed Alumn.	24144600
● Warm white (3000K)	Up	PC-MLO	10.5	Brushed Alumn.	24147700
● Warm white (3000K)	Up	PC-MLO	10.5	Brushed Alumn.	24150700

Please contact Philips representative for systems advice

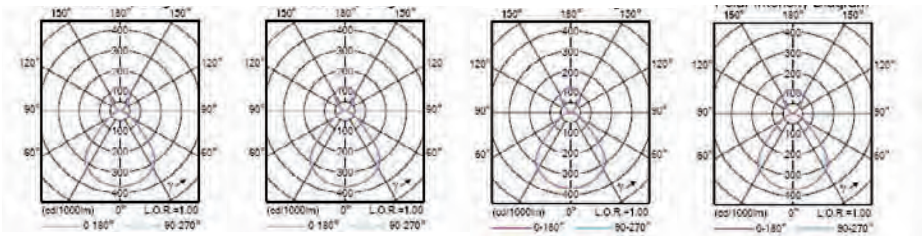
Polar Intensity Diagram (For further Photometric data please contact our technical department)

Daywave bps800
4000K PC-MLO
Lamp: 1 x dynamic
Luminaire Lumens: 1 x 3800 lm

Daywave bps800
5500k PC- MLO
Lamp: 1 x dynamic
Luminaire Lumens: 1 x 3800 lm

Daywave bps800
3000k PC-MLO
Lamp: 1 x dynamic
Luminaire Lumens: 1 x 3800 lm

Daywave bps800
3000k PC-MLO
Lamp: 1 x single colour
Luminaire Lumens: 1 x 3800 lm



Light output ratio: 1.00
Service upward: 0.22
Service downward: 0.78

Light output ratio: 1.00
Service upward: 0.22
Service downward: 0.78

Light output ratio: 1.00
Service upward: 0.22
Service downward: 0.78

Light output ratio: 1.00
Service upward: 0.22
Service downward: 0.78

SmartForm

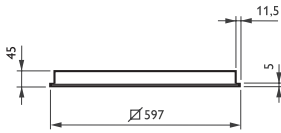
- _Suitable for all indoor Ambient applications
- _Offers comparable light output to TL-5 luminaires of a similar wattage
- _Available 4000K
- _Range includes Surface and Suspended versions. Fixed Output





SmartForm

Standard features



Type	BCS460 Surface Mounted BPS460 Suspended
Light colour	Neutral white, 4000 K
Power Consumption	29W 1500lm and 58W 3600lm
Light Source	LED24S and LED48S
Driver	PSU - Fixed
Materials and finishing	Zinc Coated Steel housing.
Lifetime	50,000hrs, 70% lumen maintenance at T = 25c
Colour resolution	80

Product Selection

Light Colour	Weight (KG)	Optic	Suspension Bracket	Version	Connection	Power	Housing Colour	Dimming	Order Code
BCS460 W16LI20									
○ Neutral White (4000 K)	5	MLO-PC		Surface	Pushin	29W	White	No	90933900
○ Neutral White (4000 K)	5	O-PC		Surface	Pushin	29W	White	No	90934600
○ Neutral White (4000 K)	5	LIN-PC		Surface	Pushin	29W	White	No	90935300
BCS460 W22LI20									
○ Neutral White (4000 K)	7.1	MLO-PC		Surface	Pushin	29W	White	No	90936000
○ Neutral White (4000 K)	7.1	O-PC		Surface	Pushin	58W	White	No	90937700
○ Neutral White (4000 K)	7.1	LIN-PC		Surface	Pushin	58W	White	No	90938400
○ Neutral White (4000 K)	7.1	MLO-PC		Surface	Pushin	58W	White	No	90044200
BCS460 W33LI20									
○ Neutral White (4000 K)	9.4	AC-MLO		Surface	Pushin	58W	White	No	90939100
BPS460 W160LI20									
○ Neutral White (4000 K)	5	MLO-PC	SMT	Suspended	Pushin	29W	White	No	90943800
○ Neutral White (4000 K)	5	O-PC	SMT	Suspended	Pushin	29W	White	No	90944500
○ Neutral White (4000 K)	5	LIN-PC	SMT	Suspended	Pushin	29W	White	No	90945200
BPS460 W22LI20									
○ Neutral White (4000 K)	7.1	MLO-PC	SMT	Suspended	Pushin	29W	White	No	90946900
○ Neutral White (4000 K)	7.1	O-PC	SMT	Suspended	Pushin	58W	White	No	90947600
○ Neutral White (4000 K)	7.1	LIN-PC	SMT	Suspended	Pushin	58W	White	No	90948300
BPS460 W33LI20									
○ Neutral White (4000 K)	9.4	AC-MLO	SMT	Suspended	Pushin	58W	White	No	90949000

Celino

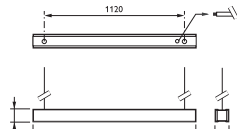
- _Suitable for all indoor Ambient applications
- _Offers comparable light output to TL-5 luminaires of a similar wattage
- _Available 4000K
- _Range includes Surface and Suspended versions
- _Fixed Output





Celino

Standard features



Type

BCS680 Surface Mounted
BPS680 Suspended

Light source

LED24S
LED48S

Light colour

4000K

Power consumption

29W 1500lm
58W 3600lm

Driver

PSU - Fixed

Material and finishing

Natural anaodised Aluminium End Caps, Die Cast Aluminium.

Lifetime

50,000 hours, 70% lumen maintenance at Ta = 25degreeC

Classification code



For further information call 01483 293 258

Product Selection

BCS680 W7L120									
Light Colour	Weight	Optic	Mounting Bracket	Version	Connection	Power	Housing Colour	Dimming	Order Code
☐ Neutral White (4000 K)	4.7	MLO-PC		Surface	Push In	29W	Grey	No	91026700
☐ Neutral White (4000 K)	4.7	O-PC		Surface	Push In	29W	Grey	No	91027400
☐ Neutral White (4000 K)	4.7	LIN-PC		Surface	Push In	29W	Grey	No	91028100

BCS680 W17L120									
Light Colour	Weight	Optic	Mounting Bracket	Version	Connection	Power	Housing Colour	Dimming	Order Code
☐ Neutral White (4000 K)4000K	9	MLO-PC		Surface	Push In	58W	Grey	No	91029800
☐ Neutral White (4000 K)	9	O-PC		Surface	Push In	58W	Grey	No	91030400
☐ Neutral White (4000 K)	9	LIN-PC		Surface	Push In	58W	Grey	No	91031100

BPS680 W7L120									
Light Colour	Weight	Optic	Mounting Bracket	Version	Connection	Power	Housing Colour	Dimming	Order Code
☐ Neutral White (4000 K)	4.9	MLO-PC	SMT	Suspended	Push In	29W	Grey	No	91033500
☐ Neutral White (4000 K)	4.9	O-PC	SMT	Suspended	Push In	29W	Grey	No	91032800
☐ Neutral White (4000 K)	4.9	LIN-PC	SMT	Suspended	Push In	29W	Grey	No	91034200

BPS680 W17L120									
Light Colour	Weight	Optic	Mounting Bracket	Version	Connection	Power	Housing Colour	Dimming	Order Code
☐ Neutral White (4000 K)	9.2	MLO-PC	SMT	Suspended	Push In	58W	Grey	No	91035900
☐ Neutral White (4000 K)	9.2	O-PC	SMT	Suspended	Push In	58W	Grey	No	91036600
☐ Neutral White (4000 K)	9.2	LIN-PC	SMT	Suspended	Push In	58W	Grey	No	91037300

Arano

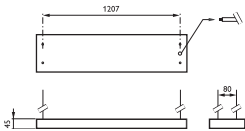
- _Suitable for indoor Ambient applications
- _Offers Comparable Light Output compared to TL-5 luminaires of a similar output
- _Available in 4000K
- _Range includes Surface and Suspended versions





Arano

Standard features



Type	BCS640 Surface Mounted BPS640 Suspended
Light source	LED24S3 LED48S
Light colour	4000K
Power consumption	1500lm 29W 3600lm 58W
Material and finishing	Natural anodized Aluminium, End Caps: Die cast Aluminium.
Lifetime	50,000 hours, 70% lumen maintenance at Ta = 25degreeC



For further information call 01483 293 258

Product Selection

BCS640 W15LI20									
Light Colour	Weight	Optic	Mounting Bracket	Version	Connection	Power	Housing Colour	Dimming	Order Code
4000K	5.2	MLO-PC		Surface Mounted	Push In	29W	White	Static	91039700
4000K	5.2	O-PC		Surface Mounted	Push In	29W	White	Static	91038000
4000K	5.2	LIN-PC		Surface Mounted	Push In	29W	White	Static	91040300

BCS640 W21LI20									
Light Colour	Weight	Optic	Mounting Bracket	Version	Connection	Power	Housing Colour	Dimming	Order Code
4000K	6.5	MLO-PC		Surface Mounted	Push In	29W	White	Static	91042700
4000K	6.5	O-PC		Surface Mounted	Push In	29W	White	Static	91041000
4000K	6.5	LIN-PC		Surface Mounted	Push In	29W	White	Static	91043400
4000K	7.2	MLO-PC		Surface Mounted	Push In	58W	White	Static	91045800
4000K	7.2	O-PC		Surface Mounted	Push In	58W	White	Static	91044100
4000K	7.2	LIN-PC		Surface Mounted	Push In	58W	White	Static	91046500

BPS640 W15LI20									
Light Colour	Weight	Optic	Mounting Bracket	Version	Connection	Power	Housing Colour	Dimming	Order Code
4000K	5.4	MLO-PC	SM2	Suspended	Push In	29W	White	Static	91049600
4000K	5.4	MLO-PC	SMS	Suspended	Push In	29W	White	Static	91050200
4000K	5.4	O-PC	SM2	Suspended	Push In	29W	White	Static	91047200
4000K	5.4	O-PC	SMS	Suspended	Push In	29W	White	Static	91048900
4000K	5.4	LIN-PC	SM2	Suspended	Push In	29W	White	Static	91051900
4000K	5.4	LIN-PC	SMS	Suspended	Push In	29W	White	Static	91052600

BPS640 W21LI20									
Light Colour	Weight	Optic	Mounting Bracket	Version	Connection	Power	Housing Colour	Dimming	Order Code
4000K	6.7	MLO-PC	SM2	Suspended	Push In	29W	White	Static	91055700
4000K	6.7	MLO-PC	SMS	Suspended	Push In	29W	White	Static	91056400
4000K	6.7	O-PC	SM2	Suspended	Push In	29W	White	Static	91053300
4000K	6.7	O-PC	SMS	Suspended	Push In	29W	White	Static	91054000
4000K	6.7	LIN-PC	SM2	Suspended	Push In	29W	White	Static	91057100
4000K	6.7	LIN-PC	SMS	Suspended	Push In	29W	White	Static	91058800
4000K	7.4	MLO-PC	SM2	Suspended	Push In	58W	White	Static	91061800
4000K	7.4	MLO-PC	SMS	Suspended	Push In	58W	White	Static	91062500
4000K	7.4	O-PC	SM2	Suspended	Push In	58W	White	Static	91059500
4000K	7.4	O-PC	SMS	Suspended	Push In	58W	White	Static	91060100
4000K	7.4	LIN-PC	SM2	Suspended	Push In	58W	White	Static	91063200
4000K	7.4	LIN-PC	SMS	Suspended	Push In	58W	White	Static	91064900

Coreview

- _Suitable for all indoor Ambient applications
- _Offers comparable light output to TL-5 luminaires of a similar wattage
- _Available 4000K
- _Range includes Surface and Suspended versions. Fixed Output





Coreview

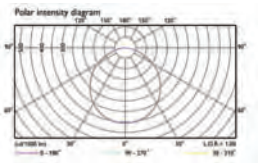
Standard features



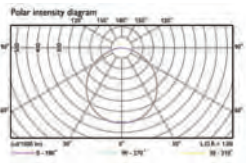
Type	BCS680 Surface Mounted BPS680 Suspended
Light source	LED24S LED48S
Light colour	4000K
Power consumption	29W 1500lm 58W 3600lm
Driver	PSU - Fixed
Material and finishing	Natural anaodised Aluminium End Caps, Die Cast Aluminium.
Lifetime	50,000 hours, 70% lumen maintenance at Ta = 25degreeC

Polar Intensity Diagram (For further Photometric data please contact our technical department)

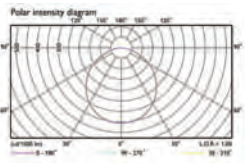
CoreView BBS360
1xLED2000/3000 MFP-P
Lampflux : 1 x 2000 lm



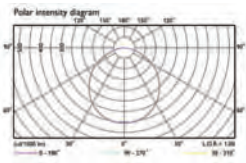
CoreView BBS360
1xLED3500/4000 MFP-P
Lampflux : 1 x 3500 lm



CoreView BBS362
1xLED2000/3000 MFP-P
Lampflux : 1 x 2000 lm



CoreView BBS362
1xLED3500/4000 MFP-P
Lampflux : 1 x 3500 lm



Product Selection

Light Colour	Weight	Version	Connection	Power	Housing Colour	Dimming	Order Code
BCS680 W7LI20 MLO-PC							
○ Neutral White (4000 K)	4.7	Surface	Push In	29W	Grey	No	91026700
BCS680 W7LI20 O-PC							
○ Neutral White (4000 K)	4.7	Surface	Push In	29W	Grey	No	91027400
BCS680 W7LI20 O-PC							
○ Neutral White (4000 K)	4.7	Surface	Push In	29W	Grey	No	91028100
BCS680 W17LI20 MLO-PC							
○ Neutral White (4000 K)	9	Surface	Push In	58W	Grey	No	91029800
BCS680 W17LI20 O-PC							
○ Neutral White (4000 K)	9	Surface	Push In	58W	Grey	No	91030400
BCS680 W17LI20 LIN-PC							
○ Neutral White (4000 K)	9	Surface	Push In	58W	Grey	No	91031100
BPS680 W7LI20 MLO-PC							
○ Neutral White (4000 K)	4.9	Suspended	Push In	29W	Grey	No	91033500
BPS680 W7LI20 O-PC							
○ Neutral White (4000 K)	4.9	Suspended	Push In	29W	Grey	No	91032800
BPS680 W7LI20 LIN-PC							
○ Neutral White (4000 K)	4.9	Suspended	Push In	29W	Grey	No	91034200
BPS680 W17LI20 MLO-PC							
○ Neutral White (4000 K)	9.2	Suspended	Push In	58W	Grey	No	91035900
BPS680 W17LI20 O-PC							
○ Neutral White (4000 K)	9.2	Suspended	Push In	58W	Grey	No	91036600
BPS680 W17LI20 LIN-PC							
○ Neutral White (4000 K)	9.2	Suspended	Push In	58W	Grey	No	91037300

Pacific LED

_Suitable for all water resistant applications, comparable light output to 36W TL solution

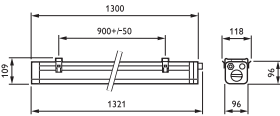
_IP66 and IK8





Pacific LED

Standard features

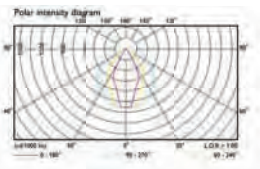


Type	WT460C Surface Mounted
Light colour	Neutral white, 4000 K
Power Consumption	30W
Light Source	LED24S
Driver	PSU - Fixed
Optic	Narrow Beam 2x25° and Wide Beam 2x60°
Materials and finishing	Polycarbonate and Stainless Steel Clips
Lifetime	50,000hrs, 70% lumen maintenance at T = 25c
Colour resolution	80

Polar Intensity Diagram (For further Photometric data please contact our technical department)

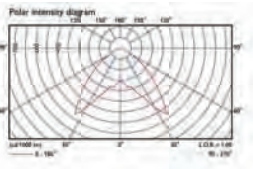
WT460C 1xLED24/840 NB

Lampflux : 1 x 2345 lm



WT460C 1xLED24/840 WB

Lampflux : 1 x 2000 lm



Product Selection

WT- 460CLED20-/840	Light Colour	Weight	Version	Optic	Power	Housing Colour	Dim- ming	Order Code
	○ Neutral White (4000 K)	3.84	Standard	WB	30W	Grey	No	3245800
	○ Neutral White (4000 K)	3.12	Standard	NB	30W	Grey	No	3246500
	○ Neutral White (4000 K)	3.84	TC	WB	30W	Grey	No	3249600
	○ Neutral White (4000 K)	3.12	TC	NB	30W	Grey	No	3250200
	○ Neutral White (4000 K)	3.84	TC5	WB	30W	Grey	No	3251900
	○ Neutral White (4000 K)	3.12	TC5	NB	30W	Grey	No	3252600
	○ Neutral White (4000 K)	4.3	EL3	WB	30W	Grey	No	3247200
	○ Neutral White (4000 K)	3.59	EL3	NB	30W	Grey	No	3248900
	○ Neutral White (4000 K)	3.1	TC	WB	30W	Grey	No	3253300
	○ Neutral White (4000 K)	3.59	TC	NB	30W	Grey	No	3254000

Ledino Indoor

- _ The world's first complete range of indoor lighting using advanced LED technology
- _ Pure light that feels gentle and welcoming
- _ Stylish and contemporary you'll want to make it the centre piece of your interior
- _ Energy efficient and long lasting for up to 20 years





Ledino

Standard features	Type	Ledino
	Power	220-240V 50-60Hz
	Output	SELV
	Life Span	20 years
	Light colour	3100K Warm White

Product Selection

Ceiling Lights IP20					
Colour	Base material	Light Colour	Power (W)	Size	Order Code
white 	aluminium	● Warm white (3100k)	3 x 7.5 W	Length 184 Width 184 Height 62	316033116
white 	aluminium	● Warm white (3100k)	1 x 7.5 W	Length 359 Width 359 Height 61	316013116
white 	aluminium	● Warm white (3100k)	4 x 7.5 W	Length 212 Width 212 Height 54	316023116
grey 	aluminium	● Warm white (3100k)	4 x 7.5 W	Length 212 Width 212 Height 54	316028716
white 	aluminium	● Warm white (3100k)	1 x 7.5 W	Length 127 Width 127 Height 54	316033116
grey 	aluminium	● Warm white (3100k)	1 x 7.5 W	Length 127 Width 127 Height 54	316038716
aluminium 	glass	● Warm white (3100k)	3 x 7.5 W	Length 400 Width 400 Height 42	690514816

Product Selection

Spot Lights IP20

Colour	Base material	Light Colour	Power (W)	Size	Order Code
grey 	aluminium	● Warm white (3100k)	1 x 7.5 W	Length 136 Width 132 Height 130	690808716
grey 	aluminium	● Warm white (3100k)	2 x 7.5 W	Length 503 Width 58 Height 190	579028716
grey 	aluminium	● Warm white (3100k)	4 x 7.5 W	Length 903 Width 58 Height 190	579048716
white 	aluminium	● Warm white (3100k)	1 x 7.5 W	Length 168 Width 130 Height 72	690703116
white 	aluminium	● Warm white (3100k)	2 x 7.5 W	Length 315 Width 133 Height 73	690723116
white 	aluminium	● Warm white (3100k)	3 x 7.5 W	Length 497 Width 133 Height 73	579133116
white 	aluminium	● Warm white (3100k)	4 x 7.5 W	Length 284 Width 284 Height 75	690743116

Product Selection

Downlights IP23

Colour	Base material	Light Colour	Power (W)	Size	Order Code
white 	aluminium	Warm white (3100k)	3 x 2.5 W	Length 80 Width 50 Height 34	690773116
white 	aluminium	Warm white (3100k)	1 x 7.5 W	Length 110 Width 85 Height 49	579253156
aluminium 	aluminium	Warm white (3100k)	1 x 7.5 W	Length 110 Width 85 Height 49	579254816

Product Selection

Suspended Lights IP20

Colour	Base material	Light Colour	Power (W)	Size	Order Code
transparent 	synthetics	Warm white (3100k)	1 x 7.5 W	Length 200 Width 200 Height max. 1500	416186016
transparent 	synthetics	Warm white (3100k)	2 x 7.5 W	Length max. 1900 Width 200 Height max. 1500	416196016
aluminium 	synthetics	Warm white (3100k)	3 x 7.5 W	Length 300 Width 300 Height max. 1500	416214816

Product Selection

Suspended Lights IP20

Colour	Base material	Light Colour	Power (W)	Size	Order Code
aluminium 	glass	Warm white (3100k)	1 x 7.5 W	Length 300 Width 300 Height max. 1500	373404816
white 	aluminium	Warm white (3100k)	2 x 7.5 W	Length max. 2200 Width 210 Height max. 1500	373503116
grey 	aluminium	Warm white (3100k)	2 x 7.5 W	Length max. 2200 Width 210 Height max. 1500	373508716
white 	aluminium	Warm white (3100k)	1 x 7.5 W	Length max. 1800 Width 210 Height max. 1500	373513116
grey 	aluminium	Warm white (3100k)	1 x 7.5 W	Length max. 1800 Width 210 Height max. 1500	373518716
white 	aluminium	Warm white (3100k)	1 x 7.5 W	Length 300 Width 300 Height 1900	373533116
grey 	aluminium	Warm white (3100k)	1 x 7.5 W	Length 300 Width 300 Height 1900	373538716

Product Selection

Wall Lights IP20

Colour	Base material	Light Colour	Power (W)	Size	Order Code
white 	aluminium	● Warm white (3100k)	2 x 7.5 W	Length 133 Width 100 Height 96	336033116
grey 	aluminium	● Warm white (3100k)	2 x 7.5 W	Length 133 Width 100 Height 96	336038716
black 	aluminium	● Warm white (3100k)	2 x 2.5 W	Length 95 Width 90 Height 95	336013016

Product Selection

Table lights IP20

Colour	Base material	Light Colour	Power (W)	Size	Order Code
aluminium 	glass	Warm white (3100k)	6 x 2.5 W	Length 300 Width 300 Height 430	690524816
chrome 	metal	Warm white (3100k)	1 x 7.5 W	Length 246 Width 122 Height 110	449921116
black 	metal	Warm white (3100k)	1 x 7.5 W	Length 246 Width 122 Height 110	449923016
white 	metal	Warm white (3100k)	1 x 7.5 W	Length 246 Width 122 Height 110	449923116
black 	aluminium	Warm white (3100k)	3 x 2.5 W	Length 165 Width 165 Height 848	667013016
grey 	aluminium	Warm white (3100k)	3 x 2.5 W	Length 165 Width 165 Height 848	667018716
black 	aluminium	Warm white (3100k)	1 x 7.5 W	Length 165 Width 597 Height 516	667023016
grey 	aluminium	Warm white (3100k)	1 x 7.5 W	Length 165 Width 597 Height 516	667028716
black 	aluminium	Warm white (3100k)	1 x 2.5 W	Length 131 Width 131 Height 510	690633016
grey 	aluminium	Warm white (3100k)	1 x 2.5 W	Length 131 Width 131 Height 510	667038716



For further information call 01483 293 258

Trade LED Solutions

No one knows LED like Philips. Our technology is seen everywhere – lighting up high-profile attractions such as The London Eye and brightening countless shops, offices and hotels. Now into its second year, we have improved and extended our Trade LED lamps and luminaires range. Our products – featuring the very latest Philips technology – are easy to use and have been selected with you and your customers specifically in mind.

Advanced

Our LED lighting solutions use the latest state-of-the-art technology. They're tailor-made for a world in which people are looking for cost-effective and environmentally friendly ways of lighting homes and businesses.

Affordable

Because our technology uses significantly less energy than traditional lighting solutions, your customers will be able to make substantial savings on energy bills and reduce their carbon footprint at the same time.

Simple

Our Trade LED Solutions are designed to be easy to fit and use, so you won't encounter any problems with installation. It really is a question of 'plug and play'.

Range includes:

Indoor lighting: downlighters

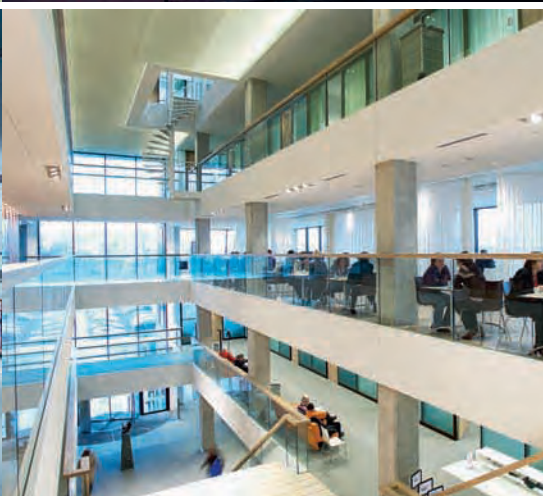
- Zadora MASTER LEDspot Kit
- Latina LED
- TurnRound

Outdoor lighting

- Vivara LED
- Vaya flood LED

Indoor and outdoor lighting

- Pacific with LED tube
- SecuriPack LED
- Gondola LED



Product Selection

Zadora MASTER LEDspot Fixed

	Type	Lamp included	Finish	Colour Temp	Beam (°)	Local Code	Order Code
	BBG462 LED-25-7W-2700-GU10 WH 50W	MASTER LEDspot	White	2700K	25	TRLEDZAD462001	88719499
	BBG462 LED-40-7W-2700-GU10 WH 50W	MASTER LEDspot	White	2700K	40	TRLEDZAD462002	88720099
	BBG462 LED-25-7W-4200-GU10 WH 50W	MASTER LEDspot	White	4200K	25	TRLEDZAD462003	88721799
	BBG462 LED-40-7W-4200-GU10 WH 50W	MASTER LEDspot	White	4200K	40	TRLEDZAD462004	88722499
	BBG462 LED-25-7W-2700-GU10 ALU 50W	MASTER LEDspot	Brushed Aluminium	2700K	25	TRLEDZAD462005	88723199
	BBG462 LED-40-7W-2700-GU10 ALU 50W	MASTER LEDspot	Brushed Aluminium	2700K	40	TRLEDZAD462007	89203799
	BBG462 LED-25-7W-4200-GU10 ALU 50W	MASTER LEDspot	Brushed Aluminium	4200K	25	TRLEDZAD462006	88724899
	BBG462 LED-40-7W-4200-GU10 ALU 50W	MASTER LEDspot	Brushed Aluminium	4200K	40	TRLEDZAD462008	89204499

Zadora MASTER LEDspot Adjustable

	Type	Lamp included	Finish	Colour Temp	Beam (°)	Local Code	Order Code
	BBG463 LED-25-7W-2700-GU10 WH 50W	MASTER LEDspot	White	2700K	25	TRLEDZAD463001	88725599
	BBG463 LED-40-7W-2700-GU10 WH 50W	MASTER LEDspot	White	2700K	40	TRLEDZAD463002	88726299
	BBG463 LED-25-7W-4200-GU10 WH 50W	MASTER LEDspot	White	4200K	25	TRLEDZAD463003	88727999
	BBG463 LED-40-7W-4200-GU10 WH 50W	MASTER LEDspot	White	4200K	40	TRLEDZAD463004	88728699
	BBG463 LED-25-7W-2700-GU10 ALU 50W	MASTER LEDspot	Brushed Aluminium	2700K	25	TRLEDZAD463005	88729399
	BBG463 LED-25-7W-4200-GU10 ALU 50W	MASTER LEDspot	Brushed Aluminium	4200K	25	TRLEDZAD463006	88730999
	BBG463 LED-40-7W-2700-GU10 ALU 50W	MASTER LEDspot	Brushed Aluminium	2700K	40	TRLEDZAD463007	89205199
	BBG463 LED-40-7W-4200-GU10 ALU 50W	MASTER LEDspot	Brushed Aluminium	4200K	40	TRLEDZAD463008	89206899

Product Selection

Zadora MASTER LEDspot Fixed Fire Rated

	Type	Lamp included	Finish	Colour Temp	Beam (°)	Local Code	Order Code
	BBG464 LED-25-7W-2700-GU10 WH 50W	MASTER LEDspot	White	2700K	25	TRLEDZAD464001	88827699
	BBG464 LED-40-7W-2700-GU10 WH 50W	MASTER LEDspot	White	2700K	40	TRLEDZAD464002	88828399
	BBG464 LED-25-7W-4200-GU10 WH 50W	MASTER LEDspot	White	4200K	25	TRLEDZAD464003	88829099
	BBG464 LED-40-7W-4200-GU10 WH 50W	MASTER LEDspot	White	4200K	40	TRLEDZAD464004	88830699
	BBG464 LED-25-7W-2700-GU10 ALU 50W	MASTER LEDspot	Brushed Aluminium	2700K	25	TRLEDZAD464005	88831399
	BBG464 LED-40-7W-2700-GU10 ALU 50W	MASTER LEDspot	Brushed Aluminium	2700K	40	TRLEDZAD464007	89207599
	BBG464 LED-25-7W-4200-GU10 ALU 50W	MASTER LEDspot	Brushed Aluminium	4200K	25	TRLEDZAD464006	88832099
	BBG464 LED-40-7W-4200-GU10 ALU 50W	MASTER LEDspot	Brushed Aluminium	4200K	40	TRLEDZAD464008	89208299

Zadora Showerlight White Fixed Firerated 7W IP44

	Type	Lamp included	Finish	Colour Temp	Beam (°)	Local Code	Order Code
	BBG468 LED25--2700GU10 7W IP44 WH 50W	MASTER LEDspot	White	2700K	25	TRLEDZAD4680001	89066899
	BBG468 LED25--2700GU10 7W IP44 ALU 50W	MASTER LEDspot	Brushed Aluminium	2700K	25	TRLEDZAD4680002	89067599

Product Selection

Latina LED



Type	Finish	Colour Temp	Beam (°)	Local Code	Order Code
BBSI60 RDLM1100/830 220-240V WH	White	3000K	1100	TRLEDLAT160001	89002699
BBSI60 RDLM1100/840 220-240V WH	White	4000K	1100	TRLEDLAT160002	89003399
BBSI60 RDLM2000/830 220-240V WH	White	3000K	2000	TRLEDLAT160003	89004099
BBSI60 RDLM2000/840 220-240V WH	White	4000K	2000	TRLEDLAT160004	89005799

Emergency Stand alone Unit

ZBS480 EL3-LED	TRLEDEMERA48001	92615200
BWC S/HJT/LED/20/W/110E3X1/RK STAND ALH	TRLEDEMERA48002	55894700

TurnRound Round Fixed



Type	Finish	Colour Temp	Beam	Light Intensity (cd)	Local Code	Order Code
BBG390 6xLED-HB-25-/830 220-240V ALU	Aluminium	3000K	25	3782	TRLEDTUR390001	89010199
BBG390 6xLED-HB-25-/840 220-240V ALU	Aluminium	4000K	25	4058	TRLEDTUR390002	89011899
BBG390 6xLED-HB-40-/830 220-240V ALU	Aluminium	3000K	40	3782	TRLEDTUR390003	89012599
BBG390 6xLED-HB-40-/840 220-240V ALU	Aluminium	4000K	40	4058	TRLEDTUR390004	89013299
BBG390 6xLED-HB-40-/830 220-240V WH	White	3000K	40		TRLEDTUR390007	89391199
BBG390 6xLED-HB-40-/840 220-240V WH	White	4000K	40		TRLEDTUR390008	89392899

TurnRound Round Adjustable



Type	Finish	Colour Temp	Beam	Light Intensity (cd)	Local Code	Order Code
BBG391 6xLED-HB-25-/830 220-240V ALU	Aluminium	3000K	25	3782	TRLEDTUR391001	89014999
BBG391 6xLED-HB-25-/840 220-240V ALU	Aluminium	4000K	25	4058	TRLEDTUR391002	89015699
BBG391 6xLED-HB-40-/830 220-240V ALU	Aluminium	3000K	40	3782	TRLEDTUR391003	89016399
BBG391 6xLED-HB-40-/840 220-240V ALU	Aluminium	4000K	40	4058	TRLEDTUR391004	89017099
BBG391 6xLED-HB-40-/830 220-240V WH	White	3000K	40		TRLEDTUR391005	89393599
BBG391 6xLED-HB-40-/840 220-240V WH	White	4000K	40		TRLEDTUR391006	89394299

Product Selection

TurnRound Square Fixed

	Type	Finish	Colour Temp	Beam	Light Intensity (cd)	Local Code	Order Code
	BBG392 6xLED-HB-25-/830 220-240V ALU	Aluminium	3000K	25	3782	TRLEDTUR3920001	89092799
	BBG392 6xLED-HB-25-/840 220-240V ALU	Aluminium	4000K	25	4058	TRLEDTUR3920002	89093499
	BBG392 6xLED-HB-40-/830 220-240V ALU	Aluminium	3000K	40	3782	TRLEDTUR3920003	89094199
	BBG392 6xLED-HB-40-/840 220-240V ALU	Aluminium	4000K	40	4058	TRLEDTUR3920004	89095899
	BBG392 6xLED-HB-40-/830 220-240V WH	White	3000K	40		TRLEDTUR3920005	89395999
	BBG392 6xLED-HB-40-/840 220-240V WH	White	4000K	40		TRLEDTUR3920006	89396699

TurnRound Square Adjustable

	Type	Finish	Colour Temp	Beam	Light Intensity (cd)	Local Code	Order Code
	BBG393 6xLED-HB-25-/830 220-240V ALU	Aluminium	3000K	25	3782	TRLEDTUR3930001	89096599
	BBG393 6xLED-HB-25-/840 220-240V ALU	Aluminium	4000K	25	4058	TRLEDTUR3930002	89097299
	BBG393 6xLED-HB-40-/830 220-240V ALU	Aluminium	3000K	40	3782	TRLEDTUR3930003	89098999
	BBG393 6xLED-HB-40-/840 220-240V ALU	Aluminium	4000K	40	4058	TRLEDTUR3930004	89099699
	BBG393 6xLED-HB-40-/830 220-240V WH	White	3000K	40		TRLEDTUR3930005	89397399
	BBG393 6xLED-HB-40-/840 220-240V WH	White	4000K	40		TRLEDTUR3930006	89398099

TurnRound IP54 Rated

	Type	Finish	Colour Temp	Beam	Light Intensity (cd)	Local Code	Order Code
	BBG390 6xLED-HB-25-/830 230V ALU IP54	Aluminium	3000K	25	3782	TRLEDTUR3900005	89049199
	BBG390 6xLED-HB-25-/840 230V ALU IP54	Aluminium	4000K	25	4058	TRLEDTUR3900006	89050799
	BBG390 6xLED-HB-40-/830 230V ALU IP54	Aluminium	3000K	40	3782	TRLEDTUR3900007	89051499
	BBG390 6xLED-HB-40-/840 230V ALU IP54	Aluminium	4000K	40	4058	TRLEDTUR3900008	89052199
	BBG390 6xLED-HB-40-/830 230V WH IP54	White	3000K	40		TRLEDTUR3900009	89399799
	BBG390 6xLED-HB-40-/840 230V WH IP54	White	4000K	40		TRLEDTUR3900010	89400099

Product Selection

TurnRound Grid



Type	Finish	Colour Temp	Beam	Light Intensity (cd)	Local Code	Order Code
BBX395 2x6xLED-HB-25-/830 220-240V WH	White	3000K	25	Double	TRLEDTUR3950005	89112299
BBX395 2x6xLED-HB-25-/830 220-240V ALU	Aluminium	3000K	25	Double	TRLEDTUR3950006	89113999
BBX395 2x6xLED-HB-40-/830 220-240V WH	White	3000K	40	Double	TRLEDTUR3950007	89114699
BBX395 2x6xLED-HB-40-/830 220-240V ALU	Aluminium	3000K	40	Double	TRLEDTUR3950008	89115399
BBX395 3x6xLED-HB-25-/830 220-240V WH	White	3000K	25	Triple	TRLEDTUR3950009	89116099
BBX395 3x6xLED-HB-25-/830 220-240V ALU	Aluminium	3000K	25	Triple	TRLEDTUR3950010	89117799
BBX395 3x6xLED-HB-40-/830 220-240V WH	White	3000K	40	Triple	TRLEDTUR3950011	89118499
BBX395 3x6xLED-HB-40-/830 220-240V ALU	Aluminium	3000K	40	Triple	TRLEDTUR3950012	89119199

TurnRound Projector



Type	Finish	Colour Temp	Beam	Local Code	Order Code
BRG394 6xLED-HB-25-/830 3C ALU	Aluminium	3000K	25	TRLEDTUR3940001	89156699
BRG394 6xLED-HB-40-/830 3C ALU	Aluminium	3000K	40	TRLEDTUR3940002	89157399
BRG394 6xLED-HB-25-/840 3C ALU	Aluminium	4000K	25	TRLEDTUR3940003	89158099
BRG394 6xLED-HB-40-/840 3C ALU	Aluminium	4000K	40	TRLEDTUR3940004	89159799
BRG394 6xLED-HB-40-/830 3C WH	White	3000K	40	TRLEDTUR3940005	89401799
BRG394 6xLED-HB-40-/840 3C WH	White	4000K	40	TRLEDTUR3940006	89402499

TurnRound Compact Adjustable



Type	Finish	Colour Temp	Beam	Local Code	Order Code
RS396BLED20--25-/830 PSU-E ALU	Aluminium	3000K	25	TRLEDTUR396001	89435299
RS396BLED20--40-/830 PSU-E ALU	Aluminium	3000K	40	TRLEDTUR396002	89437699
RS396BLED20--25-/840 PSU-E ALU	Aluminium	4000K	25	TRLEDTUR396003	89439099
RS396BLED20--40-/840 PSU-E ALU	Aluminium	4000K	40	TRLEDTUR396004	89441399
RS396BLED20--25-/830 PSU-E WH	White	3000K	25	TRLEDTUR396005	89436999
RS396BLED20--40-/830 PSU-E WH	White	3000K	40	TRLEDTUR396006	89438399
RS396BLED20--25-/840 PSU-E WH	White	4000K	25	TRLEDTUR396007	89440699
RS396BLED20--40-/840 PSU-E WH	White	4000K	40	TRLEDTUR396008	89442099

Product Selection

Master Pacific LEDtube

	Type	Lamp included	No. of Lamps	Colour Temp	Wattage	Order Code
	BCW216 1XLT-GA22W/840 KIT	MASTER LEDtube GA 1200mm 22W 840 G13	1	4000K	22	89108599
	BCW216 2XLT-GA22W/840 KIT	MASTER LEDtube GA 1200mm 22W 840 G13	2	4000K	22	89109299
	BCW216 1XLT-GA22W/840 FU KIT	MASTER LEDtube GA 1200mm 22W 840 G13	1	4000K	22	89110899
	BCW216 2XLT-GA22W/840 FU KIT	MASTER LEDtube GA 1200mm 22W 840 G13	2	4000K	22	89111599

Securipack LED

	Type	No. of Lamps	Wattage	Local Code	Order Code
	BCS200 6xLXML/VW 10W 220-240V IP65 GR	6	60	TRLED-SECBCS007	88818499

Gondola LED

	Type	Finish	Colour Temp	Local Code	Order Code
	BWG201 1xLED700/830 PSU GR	Grey	3000K	TRLEDGON201001	89247199
	BWG201 1xLED700/840 PSU GR	Grey	4000K	TRLEDGON201002	89248899
	BWG201 1xLED700/830 PSU WH	White	3000K	TRLEDGON201003	89249599
	BWG201 1xLED700/840 PSU WH	White	4000K	TRLEDGON201004	89250199

Vaya Flood LED

	Type	Colour Temp	Beam	Local Code	Order Code
	BCP410 G 18xLED-HB/3000 100-240V 15 CE	3000K	15D	TRLEDVAY410003	79211599
	BCP410 G 18xLED-HB/3000 100-240V 30 CE	3000K	30D	TRLEDVAY410004	79212299
	BCP410 G 18xLED-HB/4000 100-240V 15 CE	4000K	15D	TRLEDVAY410005	79213999
	BCP410 G 18xLED-HB/4000 100-240V 30 CE	4000K	30D	TRLEDVAY410006	79214699

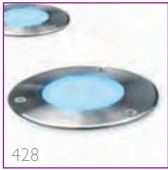
Vivara LED

	Type	Finish	Colour Temp	Local Code	Order Code
	BGC136 RDLM2000/830 220-240V GN	Green	3000K	TRLEDVIV136001	89387400
	BGC136 RDLM2000/830 220-240V BK	Black	3000K	TRLEDVIV136002	89388100
	BGC137 RDLM2000/830 220-240V GN	Green	3000K	TRLEDVIV137001	89389800
	BGC137 RDLM2000/830 220-240V BK	Black	3000K	TRLEDVIV137002	89390400

Guidance



422
Amazon
LED



428
Marker
LED



434
Asymmetric
Wall Marker
LED



438
Ledino
(Outdoor)



442
Wall Marker
LED



446
DecoScene
LED



450
Light Tube



454
Multipole

Amazon LED

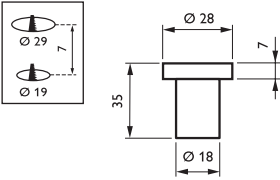
- _Recessed marker light for outdoor and indoor applications such as decking, terrace or garden environments
- _Also suitable for wall and ceiling mounting environments
- _Five options of single colour LEDs: Yellow, blue, green, red, cool white
- _Available in three sizes and LED configurations





Amazon LED

Standard features



Type

Light source

Light colour

Power supply

Power consumption

Optic/cover

Options

Materials and finishing

Housing

Installation

Operating temp.

Lifetime

Accessories

Remarks

Main applications

Classification code

BBC21 I (single pack, 10 pack, 10 pack KIT)

1 x SMD LED-HB

Single pack, 10 pack: red (RD), green (GN), blue (BL), amber (AM), white (WH)

10 pack KIT: Single: Blue (BL), white (WH)

Single pack: 9V DC

10 pack KIT: 220-240V / 50-60Hz

Single pack: 0.25W

10 pack KIT: 3W

Frosted polycarbonate

Remote control unit

Housing: die-cast aluminium

Top cover: polycarbonate

Gray

Ceiling, wall and ground recessed

$-20^{\circ}\text{C} < T_a < 35^{\circ}\text{C}$

50,000 hours (70% lumen maintenance at $T_a = 25^{\circ}\text{C}$)

230V / 9V transformer + remote control. Must be ordered separately for Single and Set versions

Configuration of kit version: 10 markers, transformer; remote control, battery, 20m cable and 22 quick-fit connectors; for the set version: 10 markers

Office, retail, hospitality



static load: 1000Kg

Product Selection

Amazon LED – BBC21 I Mini IP65	Colour	Weight (kg)	Power (w)	Order Code
	● Yellow	0.02	0.25	80921299
	● Blue	0.02	0.25	80918299
	● Green	0.02	0.25	80919999
	● Red	0.02	0.25	80920599
	● Cool white	0.02	0.25	80917599

Amazon LED – BBC21 I Mini Set of 10	Colour	Weight (kg)	Power (w)	Order Code
	● Yellow	0.25	3	80926799
	● Blue	0.25	3	80923699
	● Green	0.25	3	80924399
	● Red	0.25	3	80925099
	● Cool white	0.25	3	80922999

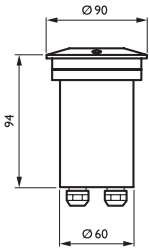
Amazon LED – BBC21 I Mini Kit of 10	Colour	Power (w)	Order Code
<i>(All system components included for ease of installation. Marker light, power supply, remote control, battery, 20m cable 22 quick fit connection)</i>	● Blue	3	80048699
	● Cool white	3	80047999

System Components

Power Supply	Product	Order Code
	EBC21 I ETR RC 9V IP55	80942799

Amazon LED

Standard features



Type

BBC206 (single pack)

Complete

Light source

6 x LED-HB (5mm)

Light colour

Single: red (RD), green (GN), blue (BL), amber (AM), white (WH)

Power supply

24V DC

Power consumption

0.5W

Optic/cover

Frosted glass

Materials and finishing

Housing: technopolymer (PBT)

Top cover: tempered glass and polycarbonate (patented LED Guard® technology) Top ring: stainless steel

Housing

Gray

Installation

Ceiling, wall and ground recessed

Operating temperature $-20^{\circ}\text{C} < T_a < 35^{\circ}\text{C}$

Lifetime

50,000 hours (70% lumen maintenance at $T_a = 25^{\circ}\text{C}$)

Accessories

Need to have 230V / 24V transformer; recessed tube, transformer covers. Optional – aluminium decorative ring, recessed tube, ceiling fixation clips. 10 units per driver max.

Main applications

Office, retail, hospitality

Classification code

static load: 1000Kg

Product Selection

Amazon LED 6 x LED High Bright 24V – BBC206



Colour

Yellow

0.4l

0.25

14353800

Blue

0.4l

0.25

14350700

Green

0.4l

0.25

14351400

Red

0.4l

0.25

14352100

Cool white

0.4l

0.25

14349100

System Components

Product

Aluminium Deco Ring

Order Code

14364400

Recessing Tube for inground installation

14365100

Ceiling fixation Clips

14584600

Aluminium cover for power supply

14585300

Stainless Steel cover for power supply

14586000

Power Supply

Product

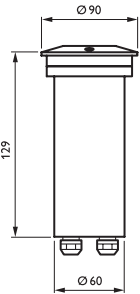
ECB206 ETR 230/24V IP65

Order Code

14580800

Amazon LED

Standard features



Type	BBC212 (single pack) Complete with driver and recessing tube
Light source	12 x LED-HB (5mm)
Light colour	Single: red (RD), green (GN), blue (BL), amber (AM), white (WH)
Power supply	220-240V / 50-60Hz
Power consumption	0.8W
Optic/cover	Frosted glass
Materials and finishing	Housing: technopolymer (PBT) Top cover: tempered glass and polycarbonate (patented LED Guard® technology) Top ring: stainless steel
Housing	Gray
Installation	Ceiling, wall and ground recessed Operating temperature -20°C < Ta < 35°C
Lifetime	50,000 hours (70% lumen maintenance at Ta = 25°C)
Accessories	Aluminium decorative ring, ceiling fixation clips
Main applications	Office, retail, hospitality
Classification code	static load: 1000Kg

Product Selection

Amazon LED 12 x LED
High Bright 24V – BBC212



Colour	Weight (kg)	Power (w)	Order Code
Yellow	0.5	0.8	I4343900
Blue	0.5	0.8	I4583900
Green	0.5	0.8	I4341500
Red	0.5	0.8	I4342200
Cool white	0.5	0.8	I4582200

System Components

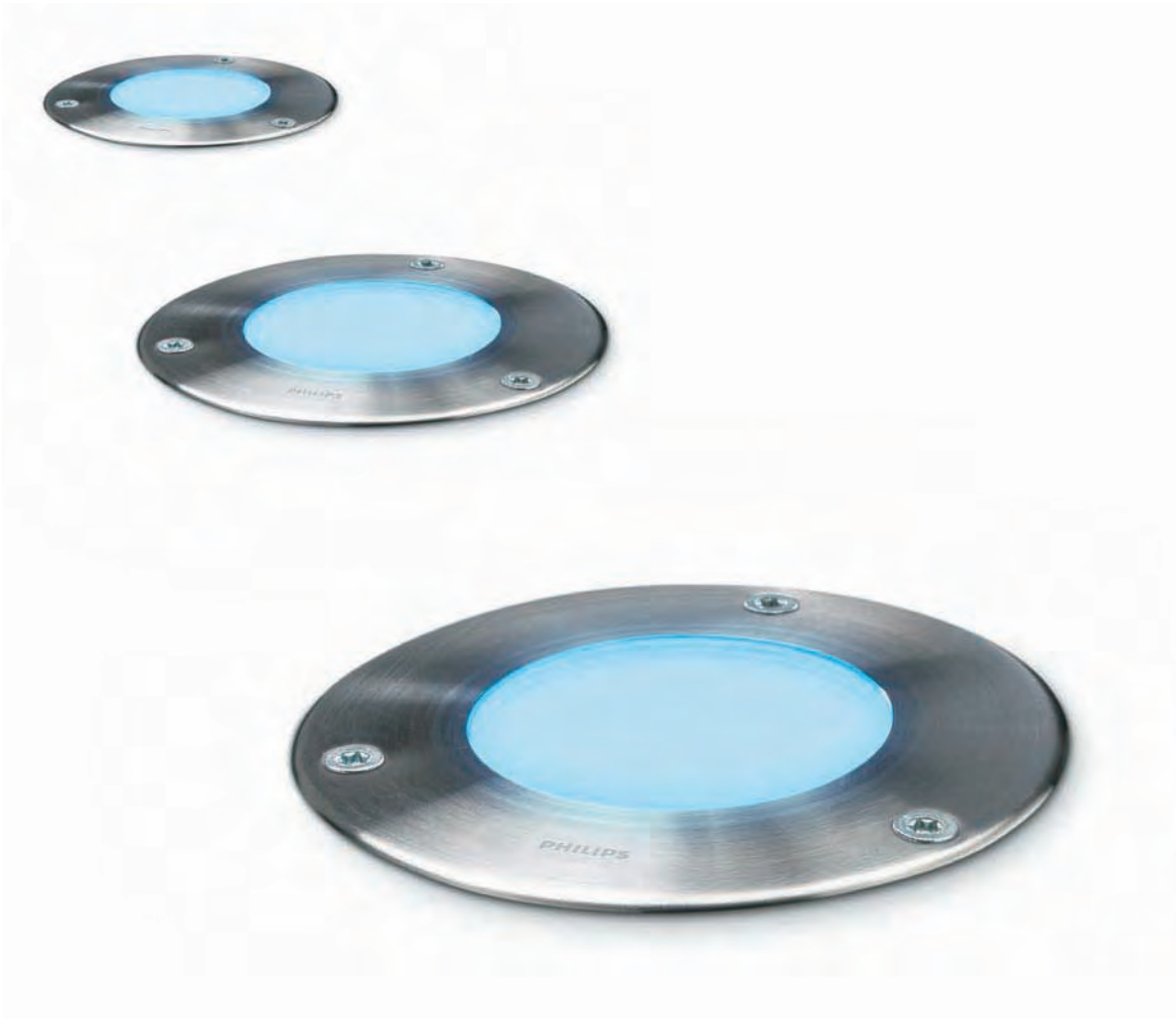
Product	Order Code
Aluminium Deco Ring	I4364400
Ceiling fixation Clips	I4584600

Power Supply

Product	Order Code
Power supply integrated	80942799

Marker LED

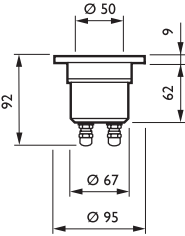
- _Main applications areas include, urban areas and indoor – ideal for guidance
- _Single colour and RGB versions available
- _3 shapes, round rectangular and square
- _Uniform light output





Marker LED

Standard features



Type

Light source

Light colour

Power supply

Power consumption

Controls

Materials and finishing

Installation

Operating temp.

Maintenance

Lifetime

Accessories

Main applications

Classification code

BBG300 (Round 220-240V)

Single: 12 x SMD LED

RGB: 10 x SMD LED

Single-colour version: cool white (WH), red (RD), green (GN), blue (BL), amber (AM)

Tri-colour version: red, green, blue (RGB)

220-240V AC / 50-60Hz (PSU)

Max 4W

RGB 220 - 240W

Compatible with full line of Philips DMX controllers

Top cover: tempered glass (with internal diffuser)

Top ring: stainless steel

Gearbox: polycarbonate

Ground or wall recessed

Two M20 cable glands for through-wiring facility

-20°C < Ta < 50°C

No internal cleaning required

50,000 hrs (70% lumen maintenance)

Recessed and pre-recessed boxes (for outdoor use)

Urban areas, indoor applications



Product Selection

Marker LED Round – BBG300	Colour	Power (w)	Weight (kg)	Order Code
	● Amber	2.3	0.48	00993399
	● Blue	3.1	0.48	00996499
	● Green	3.1	0.48	00995799
	● Red	2.3	0.48	00994099
	● RGB	3.6	0.40	80235099
	○ White	3.1	0.48	00992699

System Components

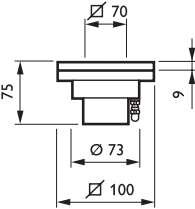
<i>(Only applicable to RGB)</i>	Product	Order Code
	Pre Recessed + Mounting Box Single Colour (for concrete)	80200899
	Pre Recessed + Mounting Box RGB (for concrete)	80202299

Controls

*(See page 524 for
full list of controls)*

Marker LED

Standard features



Type	BBG310 (Square 220-240V)
Light source	Single: 16 x SMD LED RGB: 20x SMD LED
Light colour	Single-colour version: white (WH), red (RD), green (GN), blue (BL), amber (AM) Tri-colour version: red, green, blue (RGB)
Power supply	220-240V AC / 50-60Hz (PSU)
Power consumption	Max 7W (RGB 220-240V)
Controls	Compatible with full line of Philips DMX controllers
Materials and finishing	Top cover: tempered glass (with internal diffuser) Top ring: stainless steel Gearbox: polycarbonate
Installation	Ground or wall recessed Two M20 cable glands for through-wiring facility
Operating temp.	-20°C < Ta < 50°C
Maintenance	No internal cleaning required
Accessories	Recessed and pre-recessed boxes (suitable for concrete) Must be ordered separately
Main applications	Urban areas, indoor applications
Classification code	IP 67 IK 08 CE

Product Selection

Marker LED Square – BBG310	Colour	Power (w)	Weight (kg)	Order Code
	Amber	2.3	0.54	79708399
	Blue	3.8	0.54	79711399
	Green	3.8	0.54	79710699
	Red	2.3	0.54	79709099
	RGB	6.6	0.54	80237499
	White	3.8	0.54	79707699

System Components

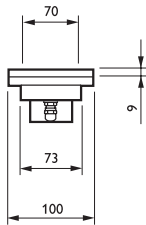
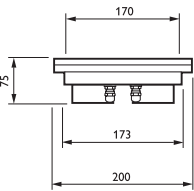
Mounting Boxes	Product	Order Code
	Pre Recessed + Mounting Box Single Colour (for concrete)	80225199
	Pre Recessed + Mounting Box RGB (for concrete)	80227599

Controls

(See page 524 for full list of controls)

Marker LED

Standard features



Type	BBG320 (Rectangular 220-240V)
Light source	Single: 40 x SMD LED RBG: 40 x SMD LED
Light colour	Single-colour version: white (VH), red (RD), green (GN), blue (BL), amber (AM) Tri-colour version: red, green, blue (RGB)
Power supply	220-240V AC / 50-60Hz (PSU)
Power consumption	Max 13W (RGB 220-240V)
Controls	Compatible with full line of Philips DMX controllers
Materials and finishing	Top cover: tempered glass (with internal diffuser) Top ring: stainless steel Gearbox: polycarbonate
Installation	Ground or wall recessed Two M20 cable glands for through-wiring facility
Operating temp.	-20°C < Ta < 50°C
Maintenance	No internal cleaning required
Accessories	Recessed and pre-recessed boxes (suitable for concrete) Must be ordered separately
Main applications	Urban areas, indoor applications
Classification code	  

Product Selection

Marker LED Rectangular – BBG320	Colour	Power (w)	Weight (kg)	Order Code
	Amber	4.6	1.08	79718299
	Blue	7.6	1.08	79721299
	Green	7.6	1.08	79720599
	Red	4.6	0.89	79719999
	RGB	12.7	1.08	80239899
	White	7.6	1.06	79717599

System Components

Mounting Boxes	Product	Order Code
	Pre Recessed + Mounting Box Single Colour (for concrete)	80231299
	Pre Recessed + Mounting Box RGB (for concrete)	80233699

Controls
(See page 524 for full list of controls)

Asymmetric Wall Marker LED

- _Ideal for indoor and outdoor guidance
- _Cool white Luxeon K2 LEDs
- _3 choices, different sizes and brightness levels
- _Rugged die-cast aluminium construction with an enclosed light engine providing IP54 protection



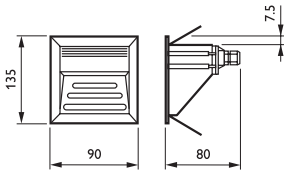


Asymmetric Wall Marker LED

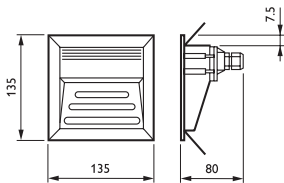
Standard features	Type	BWG331 BWG332 BWG333
	Light source	BWG331: 1 x LUXEON® K2 BWG332: 2 x LUXEON® K2 BWG333: 3 x LUXEON® K2
	Light colour	Cool white
	Power supply	220-240V / 50-60Hz
	Power consumption	1 x LED-K2: max 3W 2 x LED-K2: max 6W 3 x LED-K2: max 9W
	Optic / cover	Diffuse window
	Operating temp.	-20°C > Ta > 35°C
	Lifetime	50,000 hrs (70% lumen maintenance)
	Option	Lighting controls: switch only
	Materials and finishing	Housing: aluminium Bracket: stainless steel Recessed box: plastic
	Installation	Recessed, vertical via recessed box
	Accessory	Recessed boxes
	Main applications	Guidance lighting indoor and outdoor
	Classification code	   

Product Selection

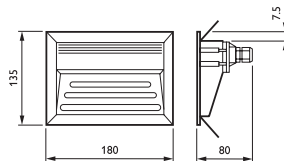
Asymmetric Wall Marker LED 1 x LED – BWG331	Product	Power (w)	Weight (kg)	Order Code
	1 x LED-LXN/CW PSU 220-240V CLII	3	0.30	80849999



Asymmetric Wall Marker LED 2 x LED – BWG332	Product	Power (w)	Weight (kg)	Order Code
	2 x LED-LXN/CW PSU 220-240V CLII	6	0.42	80850599



Asymmetric Wall Marker LED 3 x LED – BWG333	Product	Power (w)	Weight (kg)	Order Code
	3 x LED-LXN/CW PSU 220-240V CLII	9	0.55	80851299



System Components

Mounting Boxes	Product	Weight (kg)	Order Code
	BWG331 Recessed Mounting Box	1.3	80852999
	BWG332 Recessed Mounting Box	1.7	80853699
	BWG333 Recessed Mounting Box	1.6	80854399

Ledino Outdoor

- _ Bold, and minimalist. Elegant and contemporary
- _ Low cost and easy to maintain
- _ Typically consumes just a fifth of the power of a standard incandescent garden lamp and has an ultra long lifetime of more than 20 years
- _ Applications- perfect way to grace gardens, pathways, and outdoor spaces with light



Ledino

Standard features	Type	Ledino Outdoor
	Power	220-240V 50-60Hz
	Base material	Aluminium
	Output	SELV
	Energy consumption	1 x 7,5W
	Life span	20 years
	Light colour	3100K Warm White

Product Selection

Post lantern IP44	Base Material	Light Colour	Power (W)	Size	Order Code
aluminium 	aluminium	Warm White (3100K)	1 x 7,5 W	Length 127 Width 164 Height 395	168018716
grey 	aluminium	Warm White (3100K)	1 x 7,5 W	Length 127 Width 164 Height 395	168019316
antracit 	aluminium	Warm White (3100K)	1 x 7,5 W	Length 127 Width 164 Height 790	168028716
grey 	aluminium	Warm White (3100K)	1 x 7,5 W	Length 127 Width 164 Height 790	168029316

Ceiling lights IP23	Base Material	Light Colour	Power (W)	Size	Order Code
white 	aluminium	Warm White (3100K)	1 x 7,5 W	Length 110 Width 85 Height 49	168113116
grey 	aluminium	Warm White (3100K)	1 x 7,5 W	Length 110 Width 85 Height 49	168118716

Product Selection

Wall lights IP44	Base Material	Light Colour	Power (W)	Size	Order Code
inox 	aluminium	Warm White (3100K)	1 x 7.5 W	Length 345 Width 80 Height 94	168084716
antracit 	aluminium	Warm White (3100K)	1 x 7.5 W	Length 345 Width 80 Height 94	168089316
inox 	aluminium	Warm White (3100K)	1 x 7.5 W	Length 283 Width 48 Height 180	168094716
grey 	aluminium	Warm White (3100K)	1 x 7.5 W	Length 56 Width 165 Height 148	168108716
antracit 	aluminium	Warm White (3100K)	1 x 7.5 W	Length 56 Width 165 Height 148	168109316
grey 	aluminium	Warm White (3100K)	1 x 7.5 W	Length 128 Width 178 Height 241	168008716
antracit 	aluminium	Warm White (3100K)	1 x 7.5 W	Length 128 Width 178 Height 241	168009316
antracit 	aluminium	Warm White (3100K)	1 x 7.5 W	Length 186 Width 179 Height 99	168068716
grey 	aluminium	Warm White (3100K)	1 x 7.5 W	Length 248 Width 159 Height 53	168073116
white 	aluminium	Warm White (3100K)	1 x 7.5 W	Length 248 Width 159 Height 53	168078716



For further information call 01483 293 258

Wall Marker LED

- _Interior product for guidance, wall, corridor and stairwells
- _Round or Square versions
- _Choice of colours, white, blue and RGB
- _Uniform light output





Photography:
_Michael Graves

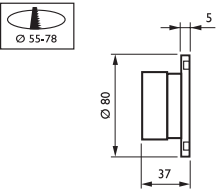
Wall Marker LED

Standard features	Type	BBW300 (5 LED Round) BBW301 (5 LED Square)
	Light source	5 x SMD LED
	Light colour	Single: blue, cool white, RGB
	Power supply	220-240V / 50-60Hz
	Power consumption	Max 5W
	Lifetime	30,000 hrs (70% lumen maintenance)
	Option	Lighting controls: Single: switch only
	Materials and finishing	Cover: brushed aluminium and frosted glass
	Installation	Recessed in existing plug housing
	Main applications	Guidance lighting indoor (wall, corridor; staircase)
	Classification code	  

Product Selection

Wall Marker LED
Round – BBW300

With separate light and
sensor module

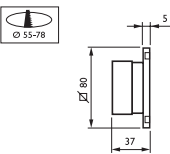


Colour	LEDs	Power (w)	Weight (kg)	Order Code
● Blue	5	5	0.14	80112499
○ White	5	5	0.14	80111799
● RGB	3	5	0.14	80113199

RGB version does not need control but has an automatic colour stop sequence

Wall Marker LED
Square – BBW301

With separate light and
sensor module



Colour	LEDs	Power (w)	Weight (kg)	Order Code
● Blue	5	5	0.15	80115599
○ White	5	5	0.15	80114899
● RGB	3	5	0.15	80116299

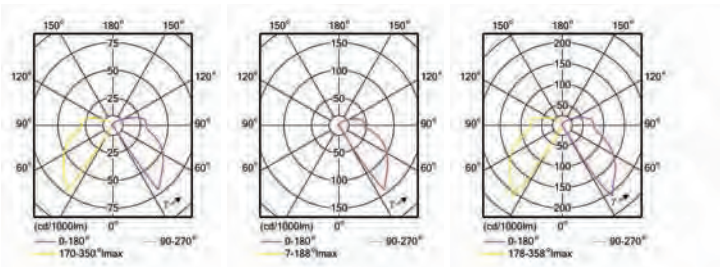
RGB version does not need control but has an automatic colour stop sequence

Polar Intensity Diagram (For further Photometric data please contact our technical department)

Wall Marker LED
Cool white BWG331
Lamp: 1 x 1x LXN/CW
Luminaire Lumens: 9

Wall Marker LED
Cool white BWG332
Lamp: 1 x 2x LXN/CW
Luminaire Lumens: 34

Wall Marker LED
Cool white BWG333
Lamp: 1 x 3x LXN/CW
Luminaire Lumens: 84

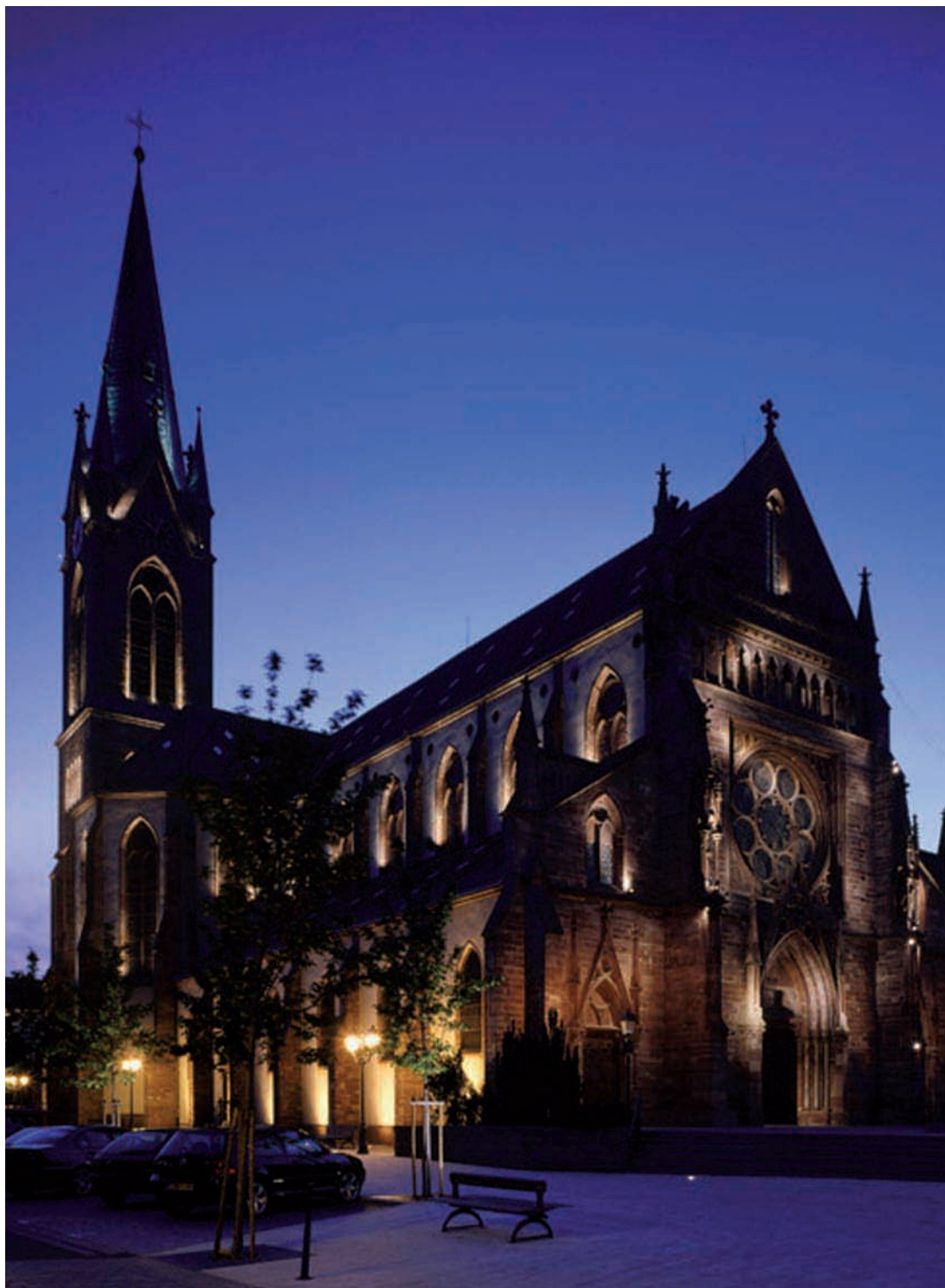


For further information call 01483 293 258

DecoScene LED

- _ Used to mark out paths and gardens, enhance a city centre, or highlight parking places
- _ An unobtrusive presence by day
- _ A choice of saturated colours for an attractive light affect at night
- _ Low-power LED modules can be easily exchanged to extend luminaire lifetime



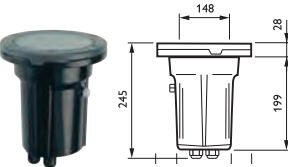


DecoScene LED

Standard features	Type	BBP521
	Light source	12x SMD LED-LP
	Light colour	Mono-colour: white (WH), blue (BL), amber (AM), red (RD), green (GN) Tri-colour: red, green, blue (RGB)
	Power supply	220-240 V AC / 50-60 Hz
	Power consumption	Max 5 W
	Power/data supply	Integrated
	Materials and finishing	Housing: die-cast aluminium Front glass: tempered glass, 15mm Gasket: silicon Installation tube: PVC Screws: stainless steel
	Optical cover	Clear glass with internal diffuser (GC) Shallow glass bowl with internal diffuser (GB)
	Cable gland	2 x M20 (mono-colour version) 2 x M20 and 2 x M12 (tri-colour version)
	Colour	Philips dark grey 10714 (GR) Other RAL colours available on request
	Remarks	Recessed mounting box Standard delivered with BBP521. Can be ordered separately.
	Controls	The RGB version is compatible with full line of Philips DMX controllers
	Driver	220-240V AC / 50-60 Hz
	Installation	In recessing box (RMR) Operating temperature: -20°C < Ta < 25°C
	Lifetime	50,000 hours (70% maintenance at Ta = 25°C)
	Accessories	Square tile (SV), stainless steel decorative ring (DR), anti-vandal screws (SVP), recessing box (RMB), radial shields (GS1, GS4)
	Main application	Guidance in private or urban areas, gardens, footpaths
	Classification code	     

Product Selection

DecoScene Ground Recessed Luminaire- BBP521 Clear Glass	Light colour	Housing colour	Weight (kg)	Order Code
	White	Grey	4.65	29490300
	Red	Grey	4.65	29494100
	Green	Grey	4.65	29491000
	Amber	Grey	4.65	29493400
	Blue	Grey	4.65	29492700
	RGB	Grey	4.65	29489700

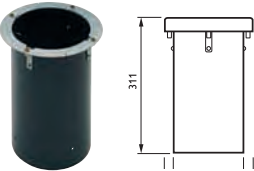


Product Selection

DecoScene Ground Recessed Luminaire-BBP52I Shallow Glass Bowl	Light colour	Power (w)	Weight (kg)	Order Code
	White	Grey	4.65	29496500
	Red	Grey	4.65	29500900
	Green	Grey	4.65	29497200
	Amber	Grey	4.65	29499600
	Blue	Grey	4.65	29498900
	RGB	Grey	4.65	29495800

System Components

Accessories	Product	Weight	Order Code
	Recessed Mounting Box ZBP52I	1.650kg	72733200



Light Tube LED

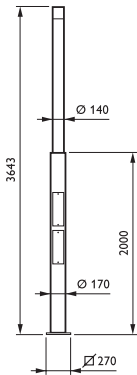
- _Creates real ambience for city beautification
- _IK10 impact resistance is ideal for harsh environments.
- _Range available in RGB or AWB versions.
- _The same product with multiple light functions and effects.
- _Transparent tube for a day time high-end, metallic-effect that becomes transparent when lit up at night.





Light Tube LED

Standard features



Type	HGS445
Light source	9xLuxeon
Light colour	Tri-colour version- red, green, blue (RGB) amber; white, blue(RWB)
Power consumption	Max 36W (depends on display colour)
Driver	220-240V / 50-60Hz, integrated
Material	Die-cast aluminium
Colour	Phillips Grey 10714, other RAL colours available on request
Installation	Equipped with a conventional flange plate (270x270mm) for four M18 x 400mm anchor bolts (not supplied) with a grid spacing of 200mm. Column extension for 1000mm embedded foundation is available. The column base can be embedded with a decorative cover.
Lifetime	50,000 hours, -30% flux depreciation
Main applications	Urban areas, parks, gardens, car parks, commerical centres, circulation zones
Main applications	Piazzas, commercial centres, parking lots, offices.
Classification code	IP 65 850°C ⏚ CE □ IK 10

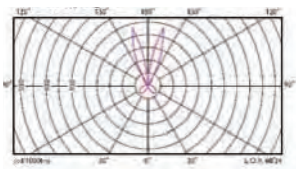
Product Selection

Light Tube LED HGS445	Light Colour	Housing	Weight (kg)	Order Code
	 RGB	Grey	30	95839900
	 AWB	Grey	30	96840500

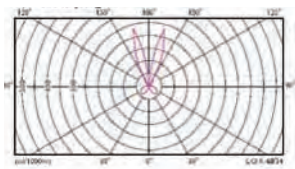


Polar Intensity Diagram (For further Photometric data please contact our technical department)

LightTube T70W
Standard IO GR
Luminaire Lumens: 1x14000



LightTube T70W
Standard IO GR
Luminaire Lumens: 1x6600





Multipole

_Multipole is a multi-functional lighting concept that integrates state-of-the-art technologies, such as LEDs, and intelligent, dynamic lighting control systems.

_This modular and fully integrated lighting system offers – within one neutrally designed pole – five different lighting modules:

- Top Light provides dynamic and coloured guidance light
- Road Light provides dimmable and uniform functional light
- Pedestrian Light provides sensor-activated and localised light
- Reading Light provides personal and focused interactive light
- Foot Light provides dynamic and coloured decorative light



Please contact Philips for your customised configuration



Urban & Architectural



SpeedStar



Mini Iridium



TunLite LED



Residium
Fortimo



Residium
Aluminium



CitySpirit



City Spirit
Street LED



UrbanScene LED



CitySoul LEDGINE



MileWide
LEDGINE



Koffer² LED



Mini300LED



Mini 300 Stealth
LEDGINE



OptiFlood
LEDGINE

SpeedStar

- _ Slim aesthetical design optimized for LED
- _ Maximized energy savings – up to 70%
- _ Easy to maintain – On-site servicing
- _ Easy to upgrade – To benefit from latest LED technology improvements
- _ Best lighting quality, uniform and comfortable
- _ Fit for traditional applications, norms & requirements





Product Selection

BGP322 SpeedStar Medium

Number of LED's	Light Colour	Power (W)	Weight KG	Optic	Minicell	Order code
48	○ Neutral White (4000 K)	60	13	Road Distribution Medium	No	83892900
48	○ Neutral White (4000 K)	60	13	Road Distribution Wide	Yes	83908700
48	○ Neutral White (4000 K)	60	13	Road Distribution Medium	No	83903200
48	○ Neutral White (4000 K)	60	13	Road Distribution Wide	Yes	83918600
56	○ Neutral White (4000 K)	70	13	Road Distribution Medium	No	83893600
56	○ Neutral White (4000 K)	70	13	Road Distribution Wide	Yes	83909400
56	○ Neutral White (4000 K)	70	13	Road Distribution Medium	No	83904900
56	○ Neutral White (4000 K)	70	13	Road Distribution Wide	Yes	83919300
64	○ Neutral White (4000 K)	80	13	Road Distribution Medium	No	83894300
64	○ Neutral White (4000 K)	80	13	Road Distribution Wide	Yes	83910000
64	○ Neutral White (4000 K)	80	13	Road Distribution Medium	No	83905600
64	○ Neutral White (4000 K)	80	13	Road Distribution Wide	Yes	83920900
72	○ Neutral White (4000 K)	90	13	Road Distribution Medium	No	83895000
72	○ Neutral White (4000 K)	90	13	Road Distribution Wide	Yes	83911700
72	○ Neutral White (4000 K)	90	13	Road Distribution Medium	No	83906300
72	○ Neutral White (4000 K)	90	13	Road Distribution Wide	Yes	83921600
80	○ Neutral White (4000 K)	100	13	Road Distribution Medium	No	83896700
80	○ Neutral White (4000 K)	100	13	Road Distribution Wide	Yes	83912400
80	○ Neutral White (4000 K)	100	13	Road Distribution Medium	No	83907000
80	○ Neutral White (4000 K)	100	13	Road Distribution Wide	Yes	83922300

BGP323 SpeedStar Large

Number of LED's	Light Colour	Power (W)	Weight KG	Optic	Minicell	Order code
112	○ Neutral White (4000 K)	140	17.5	Road Distribution Medium	No	83923000
112	○ Neutral White (4000 K)	140	17.5	Road Distribution Wide	Yes	83933900
112	○ Neutral White (4000 K)	140	17.5	Road Distribution Medium	No	83928500
112	○ Neutral White (4000 K)	140	17.5	Road Distribution Wide	Yes	83938400
120	○ Neutral White (4000 K)	150	17.5	Road Distribution Medium	No	83924700
120	○ Neutral White (4000 K)	150	17.5	Road Distribution Wide	Yes	83934600
120	○ Neutral White (4000 K)	150	17.5	Road Distribution Medium	No	83929200
120	○ Neutral White (4000 K)	150	17.5	Road Distribution Wide	Yes	83939100
128	○ Neutral White (4000 K)	159	17.5	Road Distribution Medium	No	83925400
128	○ Neutral White (4000 K)	159	17.5	Road Distribution Wide	Yes	83935300
128	○ Neutral White (4000 K)	159	17.5	Road Distribution Medium	No	83930800
128	○ Neutral White (4000 K)	159	17.5	Road Distribution Wide	Yes	83940700
152	○ Neutral White (4000 K)	169	17.5	Road Distribution Medium	No	83926100
152	○ Neutral White (4000 K)	169	17.5	Road Distribution Wide	Yes	83936000
152	○ Neutral White (4000 K)	169	17.5	Road Distribution Medium	No	83931500
152	○ Neutral White (4000 K)	169	17.5	Road Distribution Wide	Yes	83941400
160	○ Neutral White (4000 K)	179	17.5	Road Distribution Medium	No	83927800
152	○ Neutral White (4000 K)	179	17.5	Road Distribution Wide	Yes	83937700
152	○ Neutral White (4000 K)	179	17.5	Road Distribution Medium	No	83932200
152	○ Neutral White (4000 K)	179	17.5	Road Distribution Wide	Yes	83942100

☎ For further information call 01483 293 258

Mini Iridium LED

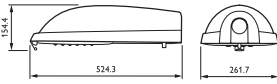
- _ Design to adapt to changing demands of road lighting
- _ Low cost of ownership
- _ Superior optics
- _ Dimming and telemanagement capability
- _ Ease of installation and maintenance
- _ Main applications: residential, minor roads, major roads, and motorways





Mini Iridium LED

Standard features



Type

Light source

Light colour

Driver (integrated)

Optic

Housing colour

Materials and finishing

Installation

Accessory

Main applications

Operating temperature

Classification code

BGS45 I

16, 24 x LED-HP

Warm White (3000K)

Driver 350 mA with Constant Light Output function (CLO)
Narrow Street (NSO) Medium Street (MSO)

Brilliant grey, approx RAL7043 (GR)

Housing: high pressure die-cast aluminium, non-corrosive
Gasket: silicone rubber, heat-resistant
Cover: polycarbonate, frosted with clear lenses
Heat sink (internal): high pressure die-cast aluminium, non-corrosive

Flexifit spigot for post top mounting: axial entry Ø 60 - 76 mm at 10° tilt or side entry mounting: lateral entry Ø 34 - 48 mm
Recommended mounting height: 3.5 to 6 m and 6 to 9 m
Standard tilt angle post top: 10° standard
Max SCx value by side: 0.032 m² (GB/GBD versions), 0.032 m² (FG/FGD versions)

Wall mounting bracket
Dedicated mast and wall brackets available for different mounting possibilities
Side entry reducer from 60 to 48 mm

Residential streets, pedestrian and cycle paths and minor roads
(-)20°C < Ta < 35°C (version 90 W max 25°C)



Product Selection



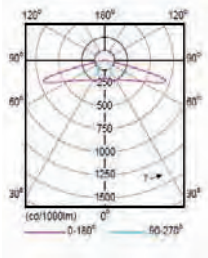
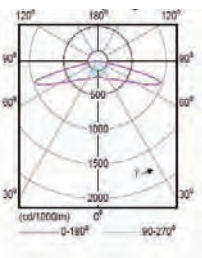
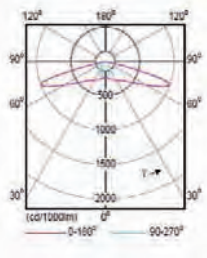
BGS451 Mini Iridium LED	Module	Power (w)	Weight (kg)	MiniCell	Order Code
	Narrow Street Optic (NSO)	22	4.4l	No	96138200
	Narrow Street Optic (NSO)	22	4.5l	Yes	96135100
	Narrow Street Optic (NSO)	31	4.4l	No	96137500
	Narrow Street Optic (NSO)	31	4.5l	Yes	96134400
	Medium Street Optic (MSO)	31	4.4l	No	96139900
	Medium Street Optic (MSO)	31	4.5l	Yes	96136800

Polar Intensity Diagram (For further Photometric data please contact our technical department)

Mini Iridium
BGS451 Narrow Beam
Lamp: 16 x LED
Total LED Lumens: 1040 lm

Mini Iridium
BGS451 Narrow Beam
Lamp: 24 x LED
Total LED Lumens: 1560 lm

Mini Iridium
BGS451 Medium Beam
Lamp: 24 x LED
Total LED Lumens: 1560 lm



TunLite LED

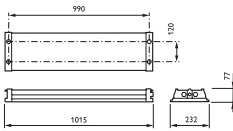
- _Offers customised light distribution for tunnel lighting installation
- _Higher road luminance with the same illuminance
- _Increased S/H (Spacing/Height) compared to TL lamps





TunLite LED

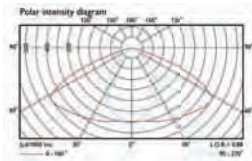
Standard features



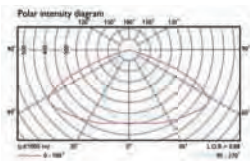
Type	BCP560
Light colour	Neutral White 4000 K
Light Source	Integral LEDGINE module
Driver	Integrated 220-240V / 50-60Hz
Optic	Distribution Symmetrical Narrow
Controls	Static or Dynamic; 1-10V
Materials and finishing	Aluminium body + glass cover
Operating temp.	-20°C to +40°C
Lifetime	60,000 hours
Main applications	Tunnel lighting
Classification code	IP 66 CE IK 08

Polar Intensity Diagram (For further Photometric data please contact our technical department)

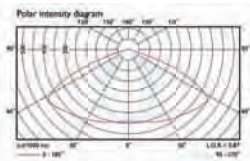
BCP560 IxECO71-1S/740 DSN
Lampflux : 1 x 7106 lm



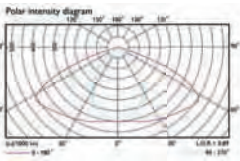
BCP560 IxECO83-1S/740 DSN
Lampflux : 1 x 8291 lm



BCP560 IxECO95-1S/740 DSN
Lampflux : 1 x 9475 lm



BCP560 IxPRO58-1S/740 DSN
Lampflux : 1 x 5846 lm



Product Selection

TunLite LED BCP560	Number of LED's	Light Colour	Power (W)	Weight KG	Optic	Dimming	Lumen Output	Order code
Performance Line 	48	○ Neutral White (4000 K)	66	9.5	Symmetrical Narrow	No	5846	84386200
	56	○ Neutral White (4000 K)	75	9.5	Symmetrical Narrow	No	6821	84387900
	64	○ Neutral White (4000 K)	85	9.5	Symmetrical Narrow	No	7795	84388600
	48	○ Neutral White (4000 K)	66	9.5	Symmetrical Narrow	I-10V	5846	84398500
	56	○ Neutral White (4000 K)	75	9.5	Symmetrical Narrow	I-10V	6821	84399200
	64	○ Neutral White (4000 K)	85	9.5	Symmetrical Narrow	I-10V	7795	84400500
TunLite LED BCP560	Number of LED's	Light Colour	Power (W)	Weight KG	Optic	Dimming	Lumen Output	Order code
Economy Line 	48	○ Neutral White (4000 K)	86	9.5	Symmetrical Narrow	No	7106	84760000
	56	○ Neutral White (4000 K)	99	9.5	Symmetrical Narrow	No	8291	84761700
	64	○ Neutral White (4000 K)	113	9.5	Symmetrical Narrow	No	9475	84762400



For further information call 01483 293 258

Residium Fortimo

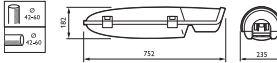
- _LED retrofit solution for road lighting
- _Module fits into existing residium housing
- _Lower energy consumption compared to conventional street lighting
- _Soft warm lighting





Residium Fortimo

Standard features



Type

Light source

Driver

Optic

Optical cover

Cable gland

Options

Materials and finishes

Colour

Installation

Operating temperature

Recommended

mounting height

Standard tilt angle

post top

Adjustable tilt angle

Maintenance

Main applications

Classification code

BGS224

Fortimo LLM I 100, 20W; Fortimo LLM I 800, 30W
200-700mA weith constant Light Output function (CLO)

Residential street optic

Polycarbonate bowl

PG 13,5 mm

Light regulation: Philips Fortimo Lumistep 8h-66%
light output. On request: LS6, LS10

Housing: Plastic

Gasket: silicone rubber; heat resistant

Reflectors: anodised aluminium

Philips Grey (RAL 7035)

Side entry: 42-60mm

Post top: 60mm or 76mm

Options: NEMA socket

-20°C <Ta<35°C

4-6m

5° or 15° standard

None

From below by opening the housing

Residential streets, parking lots, minor roads

IP 65

CE

RoHS

REACH

IK 08

Class I

Product Selection

Residium Fortimo	Module	Light Colour	Weight(Kg)	NEMA socket	Order Code
	14W	○ Neutral White	3.50	No	29700300
	14W	○ Neutral White	3.55	Yes	29963200
	14W	● Warm White	3.50	No	29708900
	14W	● Warm White	3.55	Yes	29964900
	24W	● Warm White	3.50	No	29702700
	24W	● Warm White	3.55	Yes	29710200
	24W	● Warm White	3.50	No	29704100
	24W	● Warm White	3.55	Yes	29968700
	21W	○ Cool White	3.50	No	29965600
	21W	○ Cool White	3.55	Yes	29967000
	21W	○ Cool White	3.55	Yes	29706500
	21W	○ Cool White	3.50	No	29966300

Residium Aluminium

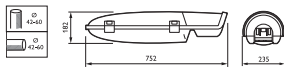
- _LED retrofit solution for road lighting
- _Module fits into existing residium housing
- _Lower energy consumption compared to conventional street lighting





Residium Aluminium

Standard features



Type	BGS425 (Fortimo)
Light colour	Warm White 3000 K, Neutral White 4000 K
Power consumption	Fortimo LLM I 100: 12-14W, 1800: 21-23W, 3000: 33-34W, 4500: 50-53W
Light Source	Fortimo LLM I 100, 1800, 3000 and 4500lm
Driver	200-700mA with Constant Light Output function (CLO)
Optic	Residential Street Optic
Optical Cover	Polycarbonate Bowl
Colour	Philips Grey (RAL 7035)
Materials and finishing	Housing: Aluminium Gasket: Silicone rubber; heat resistant Reflectors: anodised aluminium
Installation	Integrated flex-fit spigot adaptor for 34-60mm side entry brackets or 60-76mm post top mounting adaptor
Standard Tilt Angle	5° or 15° standard
Accessories	NEMA, Minicell
Main applications	Residential streets, parking lots, minor roads
Classification code	IP 65 CE 

Product Selection

Residium Aluminium BGS425	Lumen Package (lm)	Light Colour	Power	Weight KG	NEMA Socket/ Minicell	Order code
	1100	○ Neutral White (4000 K)	12W	8.35	No	87590000
	1100	○ Neutral White (4000 K)	12W	8.35	NEMA	87591700
	1100	○ Neutral White (4000 K)	12W	8.35	Minicell	87592400
	1100	● Warm White (3000 K)	14W	8.35	No	87593100
	1100	● Warm White (3000 K)	14W	8.35	NEMA	87594800
	1100	● Warm White (3000 K)	14W	8.35	Minicell	87595500
	1800	○ Neutral White (4000 K)	21W	8.35	No	87596200
	1800	○ Neutral White (4000 K)	21W	8.35	NEMA	87597900
	1800	○ Neutral White (4000 K)	21W	8.35	Minicell	87598600
	1800	● Warm White (3000 K)	23W	8.35	No	87599300
	1800	● Warm White (3000 K)	23W	8.35	NEMA	87600600
	1800	● Warm White (3000 K)	23W	8.35	Minicell	87601300
	3000	○ Neutral White (4000 K)	33W	8.35	No	87785000
	3000	○ Neutral White (4000 K)	33W	8.35	NEMA	87786700
	3000	○ Neutral White (4000 K)	33W	8.35	Minicell	87787400
	3000	● Warm White (3000 K)	34W	8.35	No	87788100
	3000	● Warm White (3000 K)	34W	8.35	NEMA	87789800
	3000	● Warm White (3000 K)	34W	8.35	Minicell	87790400
	4500	○ Neutral White (4000 K)	50W	8.35	No	87791100
	4500	○ Neutral White (4000 K)	50W	8.35	NEMA	87792800
	4500	○ Neutral White (4000 K)	50W	8.35	Minicell	87793500
	4500	● Warm White (3000 K)	53W	8.35	No	87794200
	4500	● Warm White (3000 K)	53W	8.35	NEMA	87795900
	4500	● Warm White (3000 K)	53W	8.35	Minicell	87796600

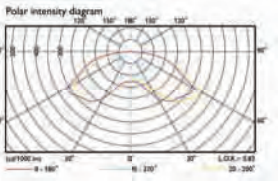
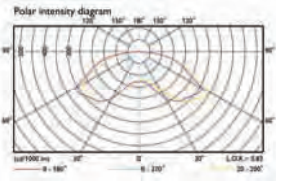
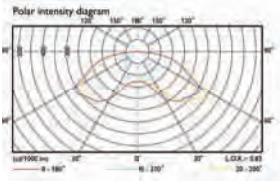
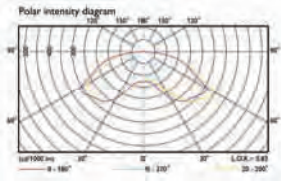
Polar Intensity Diagram (For further Photometric data please contact our technical department)

Residium LED BGS224
1xLLM1100/730
Lampflux : 1 x 1320 lm

Residium LED BGS224
1xLLM1100/740
Lampflux : 1 x 1320 lm

Residium LED BGS224
1xLLM1800/730
Lampflux : 1 x 2160 lm

Residium LED BGS224
1xLLM1800/740
Lampflux : 1 x 2160 lm



City Spirit LED

- _ Street lighting designed to provide environmentally friendly lighting without compromising architectural appearance
- _ The range provides an elegant and complete project solution
- _ Addresses topics such as spacing, night preservation, comfort and light performance



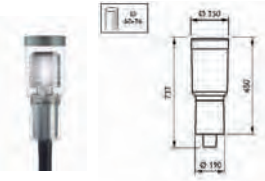


City Spirit LED

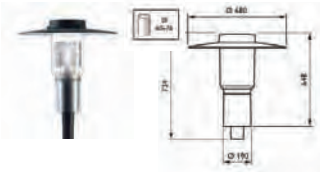
Standard features	Light source	22 x SMD LED-HP
	Light colour	Warm white 3,000 K (WW) Neutral white 4,000 K (NW)
	Lighting distribution	White: direct 80% / indirect 20%
	Power consumption	System 30 W (typical)
	Power supply	220-240 V / 50-60 Hz z
	Optic	Optical element Top reflector; indirect (T-IO) Top reflector; indirect asymmetrical (TA-IO) Top reflector; indirect bi-directional (TB-IO LED) Top reflector; indirect symmetrical (TS-IO) Optical cover Transparent bowl/cover (TB)
	Lifetime	50,000 hours (70% lumen maintenance)
	Housing	Ultra dark grey, approx RAL7043 (GR) Other RAL colours available on request
	Installation	Post top mounting: axial entry Ø 60mm (60P) or 76mm (76P) Recommended mounting height: 3.5 to 5m
	Materials and finishing	Housing: high pressure, die-cast aluminium, non-corrosive Pole mount: die-cast aluminium Bowl and skirt: polycarbonate, translucent UV stabilised Top cover: ABS with heat shield Reflectors: anodised aluminium, brightened 99.99%
	Main applications	Urban, residential and pedestrian areas, promenades
	Operating temperature	-20°C < Ta < 35°C
	Remarks	CRI 80 Constant Light Output
	Classification code	IP 65 IK 09

Product Selection

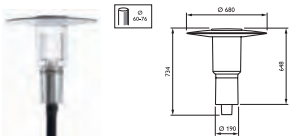
CitySpirit Torch BDS450	Light colour	Housing colour	LEDs	Weight (kg)	Order Code
	○ Warm white	Dark grey	22	7.00	87516000



CitySpirit Classic lantern BDS460	Light colour	Housing colour	LEDs	Weight (kg)	Order Code
	○ Warm white	Dark grey	22	8.11	87516000

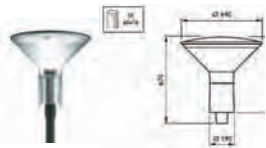


CitySpirit Modern
Lantern BDS462



Light colour	Housing colour	LEDs	Weight (kg)	Order Code
○ Warm white	Dark grey	22	8.11	87512200

CitySpirit Cone BDS470



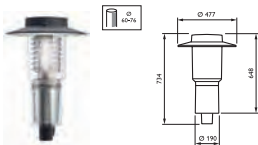
Light colour	Housing colour	LEDs	Weight (kg)	Order Code
○ Warm white	Dark grey	22	10.05	87510800

CitySpirit Bollard
BGP450



Light colour	Housing colour	LEDs	Weight (kg)	Order Code
○ Warm white	Dark grey	22	25	29560300

CitySpirit Wall Mounted
BWS464



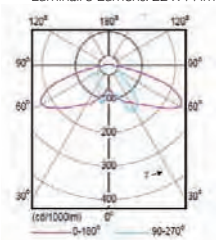
Light colour	Housing colour	LEDs	Weight (kg)	Order Code
○ Warm white	Dark grey	22	6.85	87518400

System Components

Accessories	Product	Order Code
	Light trespass accessory	72706600

Polar Intensity Diagram (For further Photometric data please contact our technical department)

CitySpirit Cone
BDS470
Lamps: 22 x LED
Luminaire Lumens: 22 x 77lm



For further information call 01483 293 258

CitySpirit Street LED

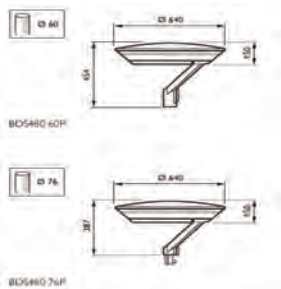
- _ Urban or architectural street lighting lantern
- _ Blends clean, simple design and high importance
- _ Available in 3000K, 4000K or 5000K white light colour temperatures
- _ Multi-layer optics provide uniform distribution and reduces glare
- _ Direct replacement to HID solutions without compromising space, mounting height or light quality





City Spirit Street LED

Standard features



Type

Light source

Number of LED's

Light colour

Inrush current

Optic

Optical cover

Material

Colour

Lifetime

Classification code

BDS480

LEDGINE ComfortLine, GreenLine and EconomyLine

16 - 64 LED's

Warm white, 3000 K ; Neutral white, 4000 K ; Cool white, 5600 K

105 A / 250 μ s

Dedicated LED optic for road lighting; giving a smooth and uniform light distribution:

Medium (DM)

Wide (DW)

Extra wide (DX)

Comfort (DC)

Glass

Frame, housing and spigot: die-cast aluminium

Clips, screws, clamps: stainless steel

Internal optic: PMMA

Internal heat sink: high pressure, die-cast aluminium, non-corrosive

Philips ultra dark grey

Other RAL or AKZO Futura colours available on request

60,000 hours (86% lumen maintenance at Ta = 25°C)

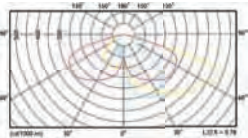


Product Selection

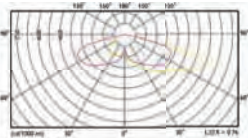
CitySpirit Street LEDGINE - BDS480	Light colour	Housing colour	Number of LEDs	Optic	Weight (kg)	Power (w)	Order Code
	Cool White (4000K)	Dark Grey	32	Medium	13.21	40	87757700
	Cool White (4000K)	Dark Grey	32	Wide	13.21	40	87758400
	Cool White (4000K)	Dark Grey	48	Medium	13.21	60	87755300
	Cool White (4000K)	Dark Grey	48	Wide	13.21	60	87756000
	Cool White (4000K)	Dark Grey	64	Medium	13.21	80	87753900
	Cool White (4000K)	Dark Grey	64	Wide	13.21	80	87754600

Polar Intensity Diagram (For further Photometric data please contact our technical department)

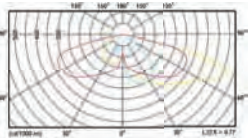
CitySpirit LED BDS480
32xGRN-1S/740. DC
Lampflux: 32 x 105 lm



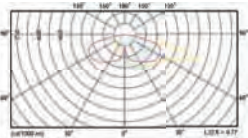
CitySpirit LED BDS480
32xGRN-1S/740. DM
Lampflux: 32 x 105 lm



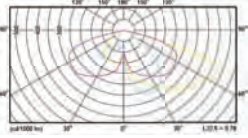
CitySpirit LED BDS480
32xGRN-1S/740. DW
Lampflux: 32 x 105 lm



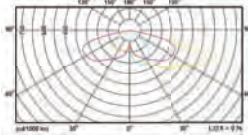
CitySpirit LED BDS480
32xGRN-1S/740. DX
Lampflux: 32 x 105 lm



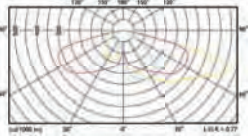
CitySpirit LED BDS480
64xGRN-1S/740. DC
Lampflux: 64 x 105 lm



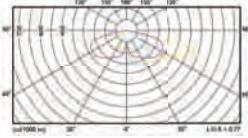
CitySpirit LED BDS480
64xGRN-1S/740. DM
Lampflux: 64 x 105 lm



CitySpirit LED BDS480
64xGRN-1S/740. DW
Lampflux: 64 x 105 lm



CitySpirit LED BDS480
64xGRN-1S/740. DX
Lampflux: 64 x 105 lm



UrbanScene LED

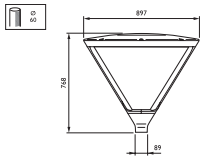
- _ Complete lighting solution comprising 5 highly distinctive luminaires
- _ Flexible, coherent design and outstanding optical performance
- _ Main applications: street lighting, area lighting, illumination and image projection





UrbanScene LED

Standard features



Type	BDP704
Light source	40 x LED-HB
Light colour	Mono colour: warm white (WW), neutral white (NW)
Power consumption	220-240 V / 50-60 Hz
Power supply	95 W
Materials and finishes	Housing: high-pressure, die-cast aluminium Cover: polycarbonate
Housing colour	Philips Dark Grey Finish
Installation	Post-top mounting: axial entry Ø 60mm (60P) 76mm available on request Operating temperature: -20°C < Ta < 35°C Recommended mounting height: 4 to 6 m Max SCx value by side: 0,136 m²
Maintenance	Access to drive by unscrewing the round driver cover at the top of the reflector disc
Main applications	City centres, piazzas, urban areas, shopping malls
Remarks	Read-to-install versions available; with lamp and choice of 4.5 or 6m cable
Classification code	    

Product Selection

UrbanScene LED BDP704	Light Colour	Housing colour	Spigot (mm)	MiniCell	Order Code
	○ Neutral White	Dark Grey	60	No	96240200
	○ Neutral White	Dark Grey	60	Yes	96241900
	● Warm White	Dark Grey	60	No	96242600
	● Warm White	Dark Grey	60	Yes	96243300

Polar Intensity Diagram (For further Photometric data please contact our technical department)

UrbanScene BDP704
Beam angle: 25°
Luminaire lumens: 1111 lm
Lamp: 40 x LED





CitySoul LEDGINE

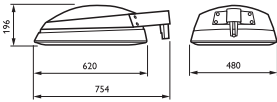
- _Urban or architectural street lighting lantern
- _Classic design with modular capabilities
- _Available in 3000k, 4000k or 5600k white light colour temperature
- _Dedicated masts and brackets
- _Two sizes available
- _Multi-layer optics provide uniform distribution and reduced glare
- _Straightforward, easy maintenance





CitySoul LEDGINE

Standard features



Type	BGP430 BGP43 I BSP43 I
Light source	LEDGINE GreenLine, ComfortLine and EconomyLine
Number of LED's	BGP430: 16 - 64 LED's BGP43 I and BSP43 I: 16 - 112 LED's
Light colour	Warm white, 3000 K Neutral white, 4000 K Cool white, 5600 K
Power consumption	70 x LED version: 88 W 84 x LED version: 106 W
Driver (integrated)	220-240 V / 50-60 Hz
Optic	Dedicated for road lighting; giving a smooth and uniform light distribution: Medium (DM) Wide (DW) Extra wide (DX) Comfort (DC)
Optical cover	Flat Glass
Material	Housing: die-cast aluminium Spigots and top entry: aluminium Frame: aluminium Optic: PMMA Other inner components: glass reinforced polypropylene Internal heat sink: high-pressure, die-cast aluminium, non-corrosive
Colour	Frame: Silver grey Other RAL or AKZO Futura colours available on request
Lifetime	60,000 hours (86% lumen maintenance at Ta = 25°C)

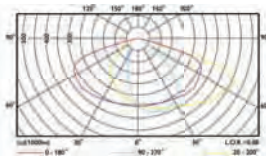
Product Selection

CitySoul Mini LEDGINE - BGP430	Light Colour	Housing	No. of LEDs	Optic	Mounting	Weight (kg)	Power (W)	Order code
	● Cool White (4000K)	Ultra Dark Grey	32	Medium	60mm / 76mm post top	11.02	40	83180700
	● Cool White (4000K)	Ultra Dark Grey	32	Wide	60mm / 76mm post top	11.02	40	83181400
	● Cool White (4000K)	Ultra Dark Grey	48	Medium	60mm / 76mm post top	11.43	60	83178400
	● Cool White (4000K)	Ultra Dark Grey	48	Wide	60mm / 76mm post top	11.43	60	83179100
	● Cool White (4000K)	Ultra Dark Grey	64	Medium	60mm / 76mm post top	11.53	80	83176000
	● Cool White (4000K)	Ultra Dark Grey	64	Wide	60mm / 76mm post top	11.53	80	83177700

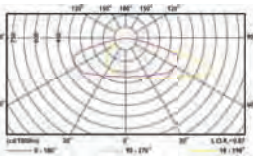
CitySoul LEDGINE - BGP431	Light Colour	Housing	No. of LEDs	Optic	Mounting	Weight (kg)	Power (W)	Order code
	● Cool White (4000K)	Ultra Dark Grey	80	Medium	60mm / 76mm post top	15.70	100	87493400
	● Cool White (4000K)	Ultra Dark Grey	80	Wide	60mm / 76mm post top	15.70	100	87494100
	● Cool White (4000K)	Ultra Dark Grey	96	Medium	60mm / 76mm post top	15.80	120	87491000
	● Cool White (4000K)	Ultra Dark Grey	96	Wide	60mm / 76mm post top	15.80	120	87492700
	● Cool White (4000K)	Ultra Dark Grey	112	Medium	60mm / 76mm post top	15.85	140	87489700
	● Cool White (4000K)	Ultra Dark Grey	112	Wide	60mm / 76mm post top	15.85	140	87490300

BRS430 Polar Intensity Diagram (For further Photometric data please contact our technical department)

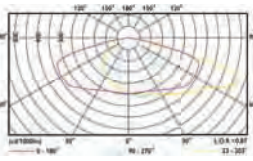
CitySoul LED BGP430
48xGRN. DC
Lampflux : 48 x 105 lm



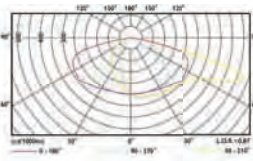
CitySoul LED BGP430
48xGRN. DM
Lampflux : 48 x 105 lm



CitySoul LED BGP430
48xGRN. DW
Lampflux : 48 x 105 lm

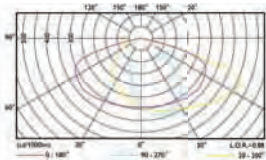


CitySoul LED BGP430
48xGRN. DX
Lampflux : 48 x 105 lm

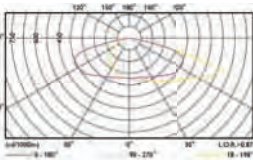


BRS431 Polar Intensity Diagram (For further Photometric data please contact our technical department)

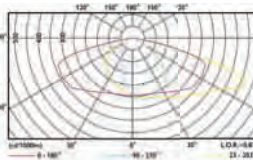
CitySoul LED BGP431
112xGRN. DC
Lampflux : 112 x 105 lm



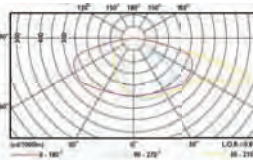
CitySoul LED BGP431
112xGRN. DM
Lampflux : 112 x 105 lm



CitySoul LED BGP431
112xGRN. DW
Lampflux : 112 x 105 lm



CitySoul LED BGP431
112xGRN. DX
Lampflux : 112 x 105 lm



☎ For further information call 01483 293 258

MileWide LEDGINE

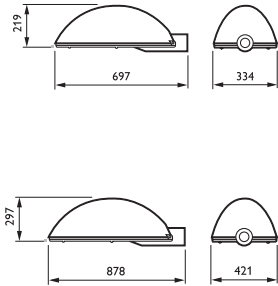
- _Outdoor street lighting solution
- _Blends clean, simple design and high importance
- _Knud Holscher design form plus dedicated masts and brackets integrated
- _Available in 3000K, 4000K, or 5600K white light colour temperatures
- _Dedicated LED optic for road lighting; giving a smooth and uniform light distribution
- _Suitable for major traffic roads to city centres
- _Long lifetime – 60,000hrs
- _Multi-layer optics provide uniform distribution and reduces glare
- _Direct replacement to HID solutions without compromising space, mounting height or light quality.





MileWide LEDGINE

Standard features



Type

BRS421 (MileWide LEDGINE)
BRS427 (Mega MileWide LEDGINE)

Light source

LEDGINE GreenLine, ComfortLine and EconomyLine

Number of LED's

BRS421 : 16 - 64 LED's
BRS427 : 16 - 112 LED's

Light colour

Warm white, 3000 K
Neutral white, 4000 K
Cool white, 5600 K

Driver (integrated)

220-240 V / 50-60 Hz

Optic

Dedicated LED optic for road lighting; giving a smooth and uniform light distribution:
Medium (DM)
Wide (DW)
Extra wide (DX)
Comfort (DC)

Optical cover

Glass, flat

Material

Frame and housing: die-cast aluminium Clips, screws, clamps: stainless steel Internal optic: PMMA Internal heat sink: high pressure, die-cast aluminium, non-corrosive

Colour

Silver grey
Philips ultra dark grey
Other RAL or AKZO Futura colours available on request

Lifetime

60,000 hours (86% lumen maintenance at Ta = 25°C)

Classification codes



Product Selection

MileWide
LEDGINE - BRS421



Light Colour	Housing	No. of LEDs	Optic	Weight (kg)	Power (W)	Order code
● Cool White (4000K)	Light Grey	32	Medium	8.30	40	87713300
● Cool White (4000K)	Light Grey	32	Wide	8.30	40	87714000
● Cool White (4000K)	Light Grey	48	Medium	8.30	60	87711900
● Cool White (4000K)	Light Grey	48	Wide	8.30	60	87712600
● Cool White (4000K)	Light Grey	64	Medium	8.30	80	87709600
● Cool White (4000K)	Light Grey	64	Wide	8.30	80	87710200

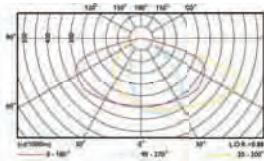
Mega MileWide
LEDGINE - BRS427



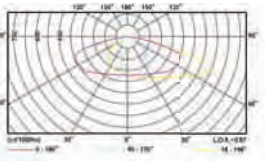
● Cool White (4000K)	Light Grey	80	Medium	22.00	100	87732400
● Cool White (4000K)	Light Grey	80	Wide	22.00	100	87733100
● Cool White (4000K)	Light Grey	96	Medium	22.00	120	87730000
● Cool White (4000K)	Light Grey	96	Wide	22.00	120	87731700

BRS421 Polar Intensity Diagram (For further Photometric data please contact our technical department)

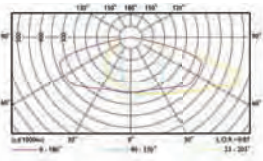
Milewide LED BRS421
48xGRN. DC
Lampflux : 48 x 105 lm



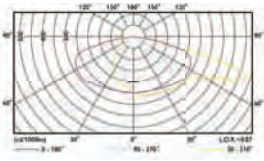
Milewide LED BRS421
48xGRN. DM
Lampflux : 48 x 105 lm



Milewide LED BRS421
48xGRN. DW
Lampflux : 48 x 105 lm

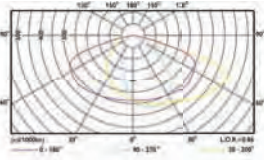


Milewide LED BRS421
48xGRN. DX
Lampflux : 48 x 105 lm

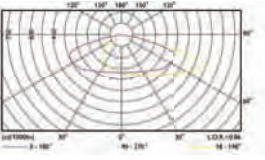


BRS427 Polar Intensity Diagram (For further Photometric data please contact our technical department)

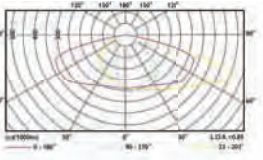
Milewide LED BRS427
96xGRN. DC
Lampflux : 96 x 105 lm



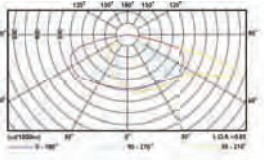
Milewide LED BRS427
96xGRN. DM
Lampflux : 96 x 105 lm



Milewide LED BRS427
96xGRN. DW
Lampflux : 96 x 105 lm

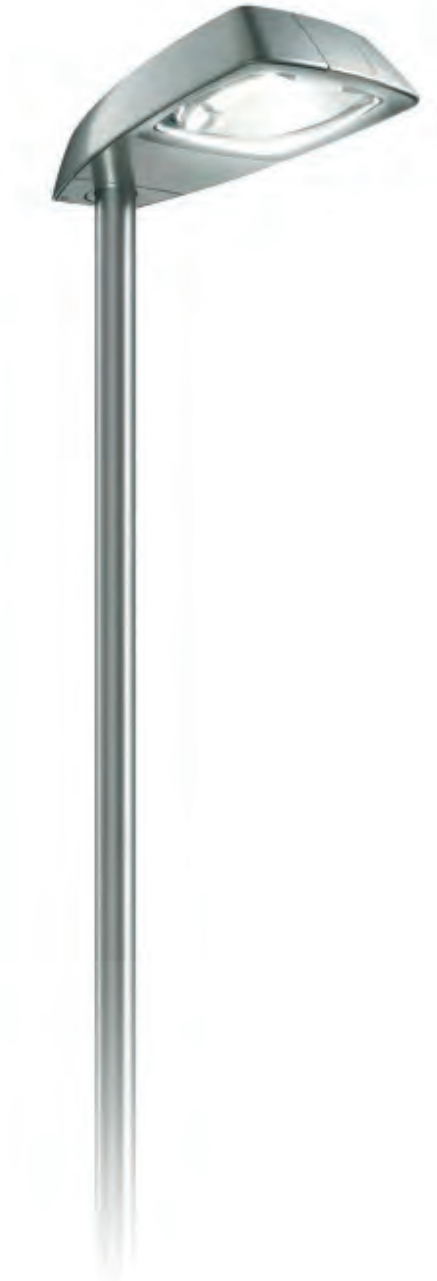


Milewide LED BRS427
96xGRN. DX
Lampflux : 96 x 105 lm



Koffer² LED

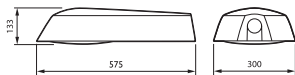
- _Urban or architectural street lighting lantern
- _Stylish with minimalist design
- _Choice of 3,000K & 4000K colour temperatures
- _Housing in high pressure die cast aluminium coating
- _Energy efficiency and very low maintenance
- _Easy to upgrade LED modules





Koffer² LED

Standard features



Type

Light source

Lumen package

Light colour

Optic

Optical cover

Material

Colour

Lifetime

Classification codes

BGP070

Fortimo LLM

1100, 1800, 3000, 4500 Lm

Warm white, 3000 K
Neutral white, 4000 K

Road lighting reflector

Flat glass or bowl

Housing: high pressure die-cast aluminium, coated
Gasket: silicone rubber; heat resistant
Reflectors: anodised aluminium
Glass thermally hardened, 133 x 300 x 575 mm

RAL 9006 (SI)
Other RAL colours available on request

Min 60,000 hours (83% lumen maintenance at Ta = 25°C)



Product Selection

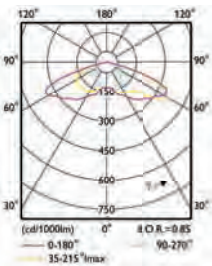
Koffer² LED



Module	Lighting Colour	Housing Colour	NEMA socket	Weight (kg)	Order code
1800 lumen	Warm White (3000K)	Silver	No	8.24	24597000
1800 lumen	Warm White (3000K)	Silver	Yes	8.24	24598700
1800 lumen	Cool White (4000K)	Silver	No	8.24	24595600
1800 lumen	Cool White (4000K)	Silver	Yes	8.24	24596300
3000 lumen	Warm White (3000K)	Silver	No	8.24	25123000
3000 lumen	Warm White (3000K)	Silver	Yes	8.24	25125400
3000 lumen	Cool White (4000K)	Silver	No	8.24	25120900
3000 lumen	Cool White (4000K)	Silver	Yes	8.24	25122300

Polar Intensity Diagram (For further Photometric data please contact our technical department)

Luminaire : BGP070
Lampflux : 1 x 1800 lm 3000K



For further information call 01483 293 258

Mini300 LED

- _Outdoor recessed lighting solution suitable under canopy lighting solutions, ie. Petrol stations
- _Motion-sensing lighting for maximum energy saving
- _Full dimming capabilities when full lighting power is not needed
- _Available with symmetrical or asymmetrical optics
- _Choice of 3 different beam angles – 32°, 42° or 55° degree
- _Also available in surface and pole mounted versions





Mini300 LED

Standard features



Type

Light source

BBP300 (recessed version)

High Power
112 x LED-HB
84 x LED-HB
Low Power:
88 x LED-HB
66 x LED-HB

Light colour

Cool white, 5500 K

Power consumption

High Power: 145 or 109 W, dimmable with integral motion detection sensor
Low Power: 88 or 66 W, dimmable with integral motion detection sensor

Driver

110 - 277 V / 50 - 60 Hz, integrated

Optic

Symmetrical 32, 42 or 55°
Asymmetrical 32, 42 or 55°
Combination of collimator and reflector

Optical cover

Glass, flat

Options

Class II

Material

Heat sink: aluminium extrusion, without paint
Lens: clear acrylic
Glass: thermally hardened, 4 mm thick
Gasket: silicon rubber; heat-resistant
Mounting frame: galvanised steel

Colour

Mounting frame, white (RAL 9003)

Classification codes



Product Selection

BBP300 - Mini 300 recessed version (Housing colour - white)

Light Source	Number of LEDs	Optic	Beam Angle	Control	Weight (kg)	Power (w)	Order Code
High Power LED	112	Symmetrical	32	Static (non dimming)	15.40	137	63104300
High Power LED	112	Symmetrical	32	Integral Motion Detector (dimming)	15.50	137	63103600
High Power LED	112	Symmetrical	42	Static (non dimming)	15.40	137	63116600
High Power LED	112	Symmetrical	42	Integral Motion Detector (dimming)	15.50	137	63115900
High Power LED	112	Symmetrical	55	Static (non dimming)	15.40	137	63128900
High Power LED	112	Symmetrical	55	Integral Motion Detector (dimming)	15.50	137	63127200
High Power LED	112	Asymmetrical	32	Static (non dimming)	15.40	137	63106700
High Power LED	112	Asymmetrical	32	Integral Motion Detector (dimming)	15.50	137	63105000
High Power LED	112	Asymmetrical	42	Static (non dimming)	15.40	137	63118000
High Power LED	112	Asymmetrical	42	Integral Motion Detector (dimming)	15.50	137	63117300
High Power LED	112	Asymmetrical	55	Static (non dimming)	15.40	137	63130200
High Power LED	112	Asymmetrical	55	Integral Motion Detector (dimming)	15.50	137	63129600
High Power LED	84	Asymmetrical	32	Static (non dimming)	15.40	107	63108100
High Power LED	84	Asymmetrical	32	Integral Motion Detector (dimming)	15.50	107	63107400
High Power LED	84	Asymmetrical	42	Static (non dimming)	15.40	107	63120300
High Power LED	84	Asymmetrical	42	Integral Motion Detector (dimming)	15.50	107	63119700
High Power LED	84	Asymmetrical	55	Static (non dimming)	15.40	107	63132600
High Power LED	84	Asymmetrical	55	Integral Motion Detector (dimming)	15.50	107	63131900
Low Power LED	96	Symmetrical	32	Static (non dimming)	15.40	122	63579900
Low Power LED	96	Symmetrical	32	Integral Motion Detector (dimming)	15.50	122	63578200
Low Power LED	96	Symmetrical	42	Static (non dimming)	15.40	122	63587400
Low Power LED	96	Symmetrical	42	Integral Motion Detector (dimming)	15.50	122	63586700
Low Power LED	96	Symmetrical	55	Static (non dimming)	15.40	122	63595900
Low Power LED	96	Symmetrical	55	Integral Motion Detector (dimming)	15.50	122	63594200
Low Power LED	72	Asymmetrical	32	Static (non dimming)	15.40	94	63581200
Low Power LED	72	Asymmetrical	32	Integral Motion Detector (dimming)	15.50	94	63580500
Low Power LED	72	Asymmetrical	42	Static (non dimming)	15.40	94	63589800
Low Power LED	72	Asymmetrical	42	Integral Motion Detector (dimming)	15.50	94	63588100
Low Power LED	72	Asymmetrical	55	Static (non dimming)	15.40	94	63597300
Low Power LED	72	Asymmetrical	55	Integral Motion Detector (dimming)	15.50	94	63596600



For further information call 01483 293 258

Mini300 LED

Standard features



Type

Light source

BCP300 (surface-mounted version)

High Power
112 x LED-HB
84 x LED-HB
Low Power:
88 x LED-HB
66 x LED-HB

Light colour

Cool white, 5500 K

Power consumption

High Power: 145 or 109 W, dimmable with integral motion detection sensor
Low Power: 88 or 66 W, dimmable with integral motion detection sensor

Driver

110 - 277 V / 50 - 60 Hz, integrated

Optic

Symmetrical 32, 42 or 55°
Asymmetrical 32, 42 or 55°
Combination of collimator and reflector

Optical cover

Glass, flat

Options

Class II

Material

Housing: aluminium die cast, white painted (RAL 9003)
Lens: clear acrylic
Glass: thermally hardened, 4 mm thick
Gasket: silicon rubber; heat-resistant

Colour

White (RAL 9003)

Classification codes



Product Selection

BCP300 - Mini 300 surface mounted version (Housing colour - white)

Light Source	Number of LEDs	Optic	Beam Angle	Control	Weight (kg)	Power (w)	Order Code
High Power LED	112	Symmetrical	32	Static (non dimming)	18.30	137	63140100
High Power LED	112	Symmetrical	32	Integral Motion Detector (dimming)	18.40	137	63139500
High Power LED	112	Symmetrical	42	Static (non dimming)	18.30	137	63152400
High Power LED	112	Symmetrical	42	Integral Motion Detector (dimming)	18.40	137	63151700
High Power LED	112	Symmetrical	55	Static (non dimming)	18.30	137	63164700
High Power LED	112	Symmetrical	55	Integral Motion Detector (dimming)	18.40	137	63163000
High Power LED	112	Asymmetrical	32	Static (non dimming)	18.30	137	63142500
High Power LED	112	Asymmetrical	32	Integral Motion Detector (dimming)	18.40	137	63141800
High Power LED	112	Asymmetrical	42	Static (non dimming)	18.30	137	63154800
High Power LED	112	Asymmetrical	42	Integral Motion Detector (dimming)	18.40	137	63153100
High Power LED	112	Asymmetrical	55	Static (non dimming)	18.30	137	63166100
High Power LED	112	Asymmetrical	55	Integral Motion Detector (dimming)	18.40	137	63165400
High Power LED	84	Asymmetrical	32	Static (non dimming)	18.30	107	63144900
High Power LED	84	Asymmetrical	32	Integral Motion Detector (dimming)	18.40	107	63143200
High Power LED	84	Asymmetrical	42	Static (non dimming)	18.30	107	63156200
High Power LED	84	Asymmetrical	42	Integral Motion Detector (dimming)	18.40	107	63155500
High Power LED	84	Asymmetrical	55	Static (non dimming)	18.30	107	63168500
High Power LED	84	Asymmetrical	55	Integral Motion Detector (dimming)	18.40	107	63167800
Low Power LED	96	Symmetrical	32	Static (non dimming)	18.30	122	63603100
Low Power LED	96	Symmetrical	32	Integral Motion Detector (dimming)	18.40	122	63602400
Low Power LED	96	Symmetrical	42	Static (non dimming)	18.30	122	63611600
Low Power LED	96	Symmetrical	42	Integral Motion Detector (dimming)	18.40	122	63610900
Low Power LED	96	Symmetrical	55	Static (non dimming)	18.30	122	63619200
Low Power LED	96	Symmetrical	55	Integral Motion Detector (dimming)	18.40	122	63618500
Low Power LED	72	Asymmetrical	32	Static (non dimming)	18.30	94	63605500
Low Power LED	72	Asymmetrical	32	Integral Motion Detector (dimming)	18.40	94	63604800
Low Power LED	72	Asymmetrical	42	Static (non dimming)	18.30	94	63613000
Low Power LED	72	Asymmetrical	42	Integral Motion Detector (dimming)	18.40	94	63612300
Low Power LED	72	Asymmetrical	55	Static (non dimming)	18.30	94	63621500
Low Power LED	72	Asymmetrical	55	Integral Motion Detector (dimming)	18.40	94	63620800



For further information call 01483 293 258

Mini300 LED

Standard features



Type	BPP300 (pole-mounted version)
Light source	High Power 112 x LED-HB 84 x LED-HB
Light colour	Cool white, 5500 K
Power consumption	High Power: 145 or 109 W, dimmable with integral motion detection sensor
Driver	110 - 277 V / 50 - 60 Hz, integrated
Optic	Asymmetrical 32, 42 or 55° Combination of collimator and reflector
Optical cover	Glass, flat
Options	Class II
Material	Housing: aluminium die cast, white painted (RAL 9003) Lens: clear acrylic Glass: thermally hardened, 4 mm thick Gasket: silicon rubber, heat-resistant
Colour	White (RAL 9003)
Classification codes	   

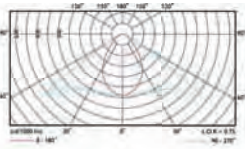
Product Selection

BPP300 - Mini 300 pole mounted version (Housing colour - white)

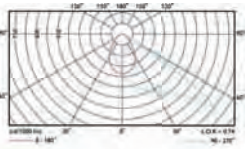
Light Source	Number of LEDs	Optic	Beam Angle	Control	Weight (kg)	Power (w)	Order Code
High Power LED	112	Asymmetrical	32	Static (non dimming)	21.10	137	63178400
High Power LED	112	Asymmetrical	32	Integral Motion Detector (dimming)	21.10	137	63177700
High Power LED	112	Asymmetrical	42	Static (non dimming)	21.10	137	63186900
High Power LED	112	Asymmetrical	42	Integral Motion Detector (dimming)	21.10	137	63185200
High Power LED	112	Asymmetrical	55	Static (non dimming)	21.10	137	63194400
High Power LED	112	Asymmetrical	55	Integral Motion Detector (dimming)	21.10	137	63193700
High Power LED	84	Asymmetrical	32	Static (non dimming)	21.10	107	63176000
High Power LED	84	Asymmetrical	32	Integral Motion Detector (dimming)	21.10	107	63175300
High Power LED	84	Asymmetrical	42	Static (non dimming)	21.10	107	63184500
High Power LED	84	Asymmetrical	42	Integral Motion Detector (dimming)	21.10	107	63183800
High Power LED	84	Asymmetrical	55	Static (non dimming)	21.10	107	63192000
High Power LED	84	Asymmetrical	55	Integral Motion Detector (dimming)	21.10	107	63191300

Polar Intensity Diagram

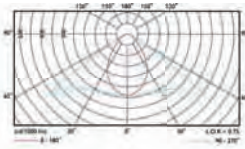
Luminaire : Mini 300 LED
BBP300 1x112-LED-
REBEL-100-350/CW S55
Lampflux : 1 x 12320 lm



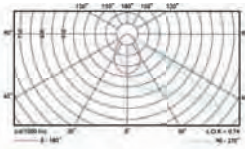
Luminaire : Mini 300 LED
BBP300 1x112-LED-
REBEL-100-350/CW A55
Lampflux : 1 x 12320 lm



Luminaire : Mini 300
LED BBP300 1x96-LED-
REBEL-100-350/CW S55
Lampflux : 1 x 10560 lm



Luminaire : Mini 300
LED BBP300 1x84-LED-
REBEL-100-350/CW A55
Lampflux : 1 x 9240 lm



Mini 300 Stealth LEDGINE

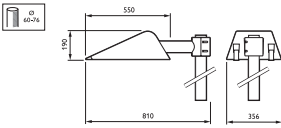
- _A future proof area lighting solution, which offers significant energy saving without compromising lighting standards
- _Best in class LEDGINE area optics for maximum flexibility
- _Maximized energy saving vs. HID power equivalent solutions
- _Integrated available controls enables additional energy savings





Mini 300 Stealth LEDGINE

Standard features



Type

BGP333 (Pole mounted Floodlight luminaire)
BWP333 (Wall Mounted Floodlight luminaire)
BVP333 (Floodlighting luminaire)

Light colour

GreenLine (GRN): 4000 K
EconomyLine (ECO): 5600 K

Power consumption

GreenLine (GRN): 48, 57, 65, 74, 85, 96W
EconomyLine (ECO): 72, 86, 99, 113, 129, 146W

Light Source

Integral LEDGINE module

Driver

Integrated 220-240V / 50-60Hz

Optic

Asymmetrical area (A) or symmetrical area (S)
Distribution Medium (DM), Distribution Wide (DW), Distribution Extremely wide (DX), Distribution Comfort (DC)

Controls

I-10V

Colours

Silver (SI), black (BK), white (WH) or grey (GR)
Other RAL colours available on request

Materials and finishing

Housing and front frame: high pressure, die-cast aluminium.
Glass: thermally toughened, 3mm thick (held by the front frame)
Lens: Clear acrylic
Mounting Bracket: high pressure, die-cast aluminium (BGP333, BWP333)
Mounting Bracket: bended aluminium, 10mm thick (BVP333)
Clips: stainless steel

Installation

Pole mounting: axial entry 60/76mm (BGP333)
Recommended mounting height: 4 - 8m
Ceiling, wall or floor mounting (BVP333, BWP333)
Suitable for direct and indirect (up-) lighting
Cable entry via PG13.5 cable glands
Ambient temperature outdoor: 45°C (35°C indoor), except versions ECO107-1S/756 and ECO118-1S/756 where ambient temperature is outdoor 35°C (25°C indoor)
Drag factor (Cx): 1.20
Projected area in horizontal position: 0.20m²
Max adjustment from the horizontal: 0° (BGP333, BWP333)
Max adjustment from the horizontal: -90° TO +90° (BVP333)

Operating temp.

Outdoor: -30 to +45°C (except version ECO107-1S/756 and ECO118-1S/756 where operating temperature range is -30 to +35°)
Indoor: -30 to +35°C (except version ECO107-1S/756 and ECO118-1S/756 where operating temperature range is -30 to +25°)

Connection

Screw connection block

Lifetime

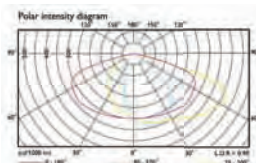
GreenLine (GRN): 100,000 hours, 70% lumen maintenance at Ta 25°C
EconomyLine (ECO): 85,000 hours, 70% lumen maintenance at Ta 25°C

Classification code

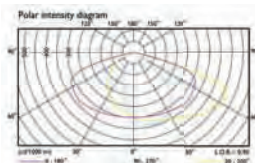


Polar Intensity Diagram (For further Photometric data please contact our technical department)

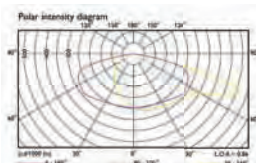
BGP333 1xGRN50-1S/740 DC
Lampflux: 1 x 5040 lm



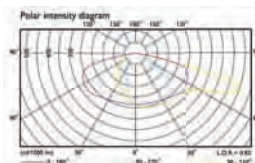
BVP333 1xGRN50-1S/740 DC
Lampflux: 1 x 5040 lm



BVP333 1xGRN84-1S/740 DX
Lampflux: 1 x 8400 lm



BWP333 1xECO118-1S/756 DX
Lampflux: 1 x 11844 lm



Product Selection

BGP333 GreenLine

Housing Colour	Light Colour	Number of LED's	Weight KG	Optic	Power	Dimming	Order code
Silver	○ Neutral White (4000 K)	40	12.6	Asymmetrical	48	No	04305800
Silver	○ Neutral White (4000 K)	64	12.6	Asymmetrical	74	No	04701800
Silver	○ Neutral White (4000 K)	80	12.6	Asymmetrical	96	No	04702500
Silver	○ Neutral White (4000 K)	40	12.6	Symmetrical	48	No	04706300
Silver	○ Neutral White (4000 K)	64	12.6	Symmetrical	74	No	04707000
Silver	○ Neutral White (4000 K)	80	12.6	Symmetrical	96	No	04708700
Silver	○ Neutral White (4000 K)	40	12.6	Medium Distribution	48	No	04712400
Silver	○ Neutral White (4000 K)	64	12.6	Medium Distribution	74	No	04713100
Silver	○ Neutral White (4000 K)	80	12.6	Medium Distribution	96	No	04714800
Silver	○ Neutral White (4000 K)	40	12.6	Asymmetrical	48	I-10V	04718600
Silver	○ Neutral White (4000 K)	64	12.6	Asymmetrical	74	I-10V	04719300
Silver	○ Neutral White (4000 K)	80	12.6	Asymmetrical	96	I-10V	04720900
Silver	○ Neutral White (4000 K)	40	12.6	Symmetrical	48	I-10V	04724700
Silver	○ Neutral White (4000 K)	64	12.6	Symmetrical	74	I-10V	04725400
Silver	○ Neutral White (4000 K)	80	12.6	Symmetrical	96	I-10V	04726100
Silver	○ Neutral White (4000 K)	40	12.6	Medium Distribution	48	I-10V	04730800
Silver	○ Neutral White (4000 K)	64	12.6	Medium Distribution	74	I-10V	04731500
Silver	○ Neutral White (4000 K)	80	12.6	Medium Distribution	96	I-10V	04732200

BGP333 EconomyLine

Housing Colour	Light Colour	Number of LED's	Weight KG	Optic	Power	Dimming	Order code
Silver	● Cool White (5600K)	40	12.6	Asymmetrical	72	No	04736000
Silver	● Cool White (5600K)	64	12.6	Asymmetrical	113	No	04737700
Silver	● Cool White (5600K)	80	12.6	Asymmetrical	146	No	04738400
Silver	● Cool White (5600K)	40	12.6	Symmetrical	72	No	04742100
Silver	● Cool White (5600K)	64	12.6	Symmetrical	113	No	04743800
Silver	● Cool White (5600K)	80	12.6	Symmetrical	146	No	04744500
Silver	● Cool White (5600K)	40	12.6	Medium Distribution	72	No	04748300
Silver	● Cool White (5600K)	64	12.6	Medium Distribution	113	No	04749000
Silver	● Cool White (5600K)	80	12.6	Medium Distribution	146	No	04750600
Silver	● Cool White (5600K)	40	12.6	Asymmetrical	72	I-10V	04754400
Silver	● Cool White (5600K)	64	12.6	Asymmetrical	113	I-10V	04755100
Silver	● Cool White (5600K)	80	12.6	Asymmetrical	146	I-10V	04756800
Silver	● Cool White (5600K)	40	12.6	Symmetrical	72	I-10V	04760500
Silver	● Cool White (5600K)	64	12.6	Symmetrical	113	I-10V	04761200
Silver	● Cool White (5600K)	80	12.6	Symmetrical	146	I-10V	04762900
Silver	● Cool White (5600K)	40	12.6	Medium Distribution	72	I-10V	04766700
Silver	● Cool White (5600K)	64	12.6	Medium Distribution	113	I-10V	04767400
Silver	● Cool White (5600K)	80	12.6	Medium Distribution	146	I-10V	04768100

☎ For further information call 01483 293 258

Product Selection

BWP333 GreenLine

Housing Colour	Light Colour	Number of LED's	Weight KG	Optic	Power	Dimming	Order code
Silver	○ Neutral White (4000 K)	40	12.6	Asymmetrical	48	No	04772800
Silver	○ Neutral White (4000 K)	64	12.6	Asymmetrical	74	No	04773500
Silver	○ Neutral White (4000 K)	80	12.6	Asymmetrical	96	No	04774200
Silver	○ Neutral White (4000 K)	40	12.6	Symmetrical	48	No	04778000
Silver	○ Neutral White (4000 K)	64	12.6	Symmetrical	74	No	04779700
Silver	○ Neutral White (4000 K)	80	12.6	Symmetrical	96	No	04780300
Silver	○ Neutral White (4000 K)	40	12.6	Medium Distribution	48	No	04784100
Silver	○ Neutral White (4000 K)	64	12.6	Medium Distribution	74	No	04785800
Silver	○ Neutral White (4000 K)	80	12.6	Medium Distribution	96	No	04786500
Silver	○ Neutral White (4000 K)	40	12.6	Asymmetrical	48	I-10V	04790200
Silver	○ Neutral White (4000 K)	64	12.6	Asymmetrical	74	I-10V	04791900
Silver	○ Neutral White (4000 K)	80	12.6	Asymmetrical	96	I-10V	04792600
Silver	○ Neutral White (4000 K)	40	12.6	Symmetrical	48	I-10V	04796400
Silver	○ Neutral White (4000 K)	64	12.6	Symmetrical	74	I-10V	04797100
Silver	○ Neutral White (4000 K)	80	12.6	Symmetrical	96	I-10V	04798800
Silver	○ Neutral White (4000 K)	40	12.6	Medium Distribution	48	I-10V	04802200
Silver	○ Neutral White (4000 K)	64	12.6	Medium Distribution	74	I-10V	04803900
Silver	○ Neutral White (4000 K)	80	12.6	Medium Distribution	96	I-10V	04804600

BWP333 EconomyLine

Housing Colour	Light Colour	Number of LED's	Weight KG	Optic	Power	Dimming	Order code
Silver	● Cool White (5600K)	40	12.6	Asymmetrical	72	No	04808400
Silver	● Cool White (5600K)	64	12.6	Asymmetrical	113	No	04809100
Silver	● Cool White (5600K)	80	12.6	Asymmetrical	146	No	04810700
Silver	● Cool White (5600K)	40	12.6	Symmetrical	72	No	04814500
Silver	● Cool White (5600K)	64	12.6	Symmetrical	113	No	04815200
Silver	● Cool White (5600K)	80	12.6	Symmetrical	146	No	04816900
Silver	● Cool White (5600K)	40	12.6	Medium Distribution	72	No	04820600
Silver	● Cool White (5600K)	64	12.6	Medium Distribution	113	No	04821300
Silver	● Cool White (5600K)	80	12.6	Medium Distribution	146	No	04822000
Silver	● Cool White (5600K)	40	12.6	Asymmetrical	72	I-10V	04826800
Silver	● Cool White (5600K)	64	12.6	Asymmetrical	113	I-10V	04827500
Silver	● Cool White (5600K)	80	12.6	Asymmetrical	146	I-10V	04828200
Silver	● Cool White (5600K)	40	12.6	Symmetrical	72	I-10V	04832900
Silver	● Cool White (5600K)	64	12.6	Symmetrical	113	I-10V	04833600
Silver	● Cool White (5600K)	80	12.6	Symmetrical	146	I-10V	04834300
Silver	● Cool White (5600K)	40	12.6	Medium Distribution	72	I-10V	04838100
Silver	● Cool White (5600K)	64	12.6	Medium Distribution	113	I-10V	04839800
Silver	● Cool White (5600K)	80	12.6	Medium Distribution	146	I-10V	04840400

Product Selection

BVP333 GreenLine

Housing Colour	Light Colour	Number of LED's	Weight KG	Optic	Power	Dimming	Order code
Silver	○ Neutral White (4000 K)	40	12.6	Asymmetrical	48	No	04844200
Silver	○ Neutral White (4000 K)	64	12.6	Asymmetrical	74	No	04845900
Silver	○ Neutral White (4000 K)	80	12.6	Asymmetrical	96	No	04846600
Silver	○ Neutral White (4000 K)	40	12.6	Symmetrical	48	No	04850300
Silver	○ Neutral White (4000 K)	64	12.6	Symmetrical	74	No	04851000
Silver	○ Neutral White (4000 K)	80	12.6	Symmetrical	96	No	04852700
Silver	○ Neutral White (4000 K)	40	12.6	Medium Distribution	48	No	04856500
Silver	○ Neutral White (4000 K)	64	12.6	Medium Distribution	74	No	04857200
Silver	○ Neutral White (4000 K)	80	12.6	Medium Distribution	96	No	04858900
Silver	○ Neutral White (4000 K)	40	12.6	Asymmetrical	48	I-10V	04862600
Silver	○ Neutral White (4000 K)	64	12.6	Asymmetrical	74	I-10V	04863300
Silver	○ Neutral White (4000 K)	80	12.6	Asymmetrical	96	I-10V	04864000
Silver	○ Neutral White (4000 K)	40	12.6	Symmetrical	48	I-10V	04868800
Silver	○ Neutral White (4000 K)	64	12.6	Symmetrical	74	I-10V	04869500
Silver	○ Neutral White (4000 K)	80	12.6	Symmetrical	96	I-10V	04870100
Silver	○ Neutral White (4000 K)	40	12.6	Medium Distribution	48	I-10V	04874900
Silver	○ Neutral White (4000 K)	64	12.6	Medium Distribution	74	I-10V	04875600
Silver	○ Neutral White (4000 K)	80	12.6	Medium Distribution	96	I-10V	04876300

BVP333 EconomyLine

Housing Colour	Light Colour	Number of LED's	Weight KG	Optic	Power	Dimming	Order code
Silver	● Cool White (5600K)	40	12.6	Asymmetrical	72	No	04880000
Silver	● Cool White (5600K)	64	12.6	Asymmetrical	113	No	04881700
Silver	● Cool White (5600K)	80	12.6	Asymmetrical	146	No	04882400
Silver	● Cool White (5600K)	40	12.6	Symmetrical	72	No	04886200
Silver	● Cool White (5600K)	64	12.6	Symmetrical	113	No	04887900
Silver	● Cool White (5600K)	80	12.6	Symmetrical	146	No	04888600
Silver	● Cool White (5600K)	40	12.6	Medium Distribution	72	No	04892300
Silver	● Cool White (5600K)	64	12.6	Medium Distribution	113	No	04893000
Silver	● Cool White (5600K)	80	12.6	Medium Distribution	146	No	04894700
Silver	● Cool White (5600K)	40	12.6	Asymmetrical	72	I-10V	04898500
Silver	● Cool White (5600K)	64	12.6	Asymmetrical	113	I-10V	04899200
Silver	● Cool White (5600K)	80	12.6	Asymmetrical	146	I-10V	04900500
Silver	● Cool White (5600K)	40	12.6	Symmetrical	72	I-10V	04904300
Silver	● Cool White (5600K)	64	12.6	Symmetrical	113	I-10V	04905000
Silver	● Cool White (5600K)	80	12.6	Symmetrical	146	I-10V	04906700
Silver	● Cool White (5600K)	40	12.6	Medium Distribution	72	I-10V	04910400
Silver	● Cool White (5600K)	64	12.6	Medium Distribution	113	I-10V	04911100
Silver	● Cool White (5600K)	80	12.6	Medium Distribution	146	I-10V	04912800

☎ For further information call 01483 293 258

OptiFlood LEDGINE

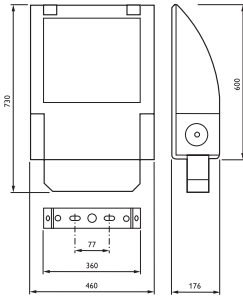
- _A future proof area lighting solution, which offers significant energy saving without compromising lighting standards
- _Best in class LEDGINE area optics for maximum flexibility
- _Maximized energy saving vs. HID power equivalent solutions
- _Integrated available controls enables additional energy savings





OptiFlood LEDGINE

Standard features



Type

BVP506

Light colour

GreenLine (GRN): 4000 K
EconomyLine (ECO): 5600 K

Power consumption

GreenLine (GRN): 65, 74, 85, 96, 104 or 113W
EconomyLine (ECO): 99, 113, 129, 146, 158 or 172W

Light Source

Integral LEDGINE module

Driver

Integrated 220-240V / 50-60Hz

Optic

Asymmetrical area (A) or symmetrical area (S)
Distribution Medium (DM), Distribution Wide (DW), Distribution Extremely wide (DX), Distribution Comfort (DC)

Controls

I-IOV

Materials and finishing

Housing: high pressure, die-cast aluminium, non corrosive
Glass: Thermally hardened, 4mm thick
Clips: stainless steel
Lens: Acrylic

Installation

On mast head frame, ceiling, wall and floor mounting
Front cover hinges for easy access
Aiming indicator ring is integrated on housing and bracket
Ambient temperature outdoor: 40°C (30°C indoor)
Recommended mounting height: 6 - 10m
Adjustable tilt angle: 15°
Max SCx value by side: 0.10m²
Max adjustment from the horizontal: -180 to +180°
Max vertical aiming: 90 to +90°
Uplighting for indoor only

Operating temp.

-30° to +40°C (outdoor)

Connection

Screw connection block

Lifetime

GreenLine (GRN): 100,000 hours, 70% lumen maintenance at Ta 25°C
EconomyLine (ECO): 85,000 hours, 70% lumen maintenance at Ta 25°C

Accessories

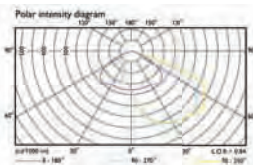
Wire guard
Styled pole mounting brackets (single, double, triple and quadruple) available on request

Classification code

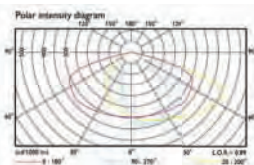


Polar Intensity Diagram (For further Photometric data please contact our technical department)

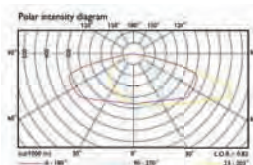
BVP506 GC 1xECO107-1S/756 A
Lampflux: 1 x 10660 lm



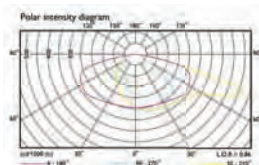
BVP506 GC 1xGRN59-1S/740 DC
Lampflux: 1 x 5880 lm



BVP506 GC 1xECO142-1S/756 DW
Lampflux: 1 x 14213 lm



BVP506 GC 1xGRN92-1S/740 DX
Lampflux: 1 x 9240 lm



Product Selection

BVP506 GreenLine

Housing Colour	Light Colour	Number of LED's	Weight KG	Optic	Power	Order code
Raw Aluminium	○ Neutral White (4000 K)	80	19.5	Asymmetrical	96	30105900
Ultra Dark Grey	○ Neutral White (4000 K)	80	19.5	Asymmetrical	96	30111000
Raw Aluminium	○ Neutral White (4000 K)	80	19.5	Symmetrical	96	30129500
Ultra Dark Grey	○ Neutral White (4000 K)	80	19.5	Symmetrical	96	30135600
Raw Aluminium	○ Neutral White (4000 K)	80	19.5	Medium Distribution	96	30153000
Ultra Dark Grey	○ Neutral White (4000 K)	80	19.5	Medium Distribution	96	30159200
Raw Aluminium	○ Neutral White (4000 K)	88	19.5	Asymmetrical	104	30106600
Ultra Dark Grey	○ Neutral White (4000 K)	88	19.5	Asymmetrical	104	30112700
Raw Aluminium	○ Neutral White (4000 K)	88	19.5	Symmetrical	104	30130100
Ultra Dark Grey	○ Neutral White (4000 K)	88	19.5	Symmetrical	104	30136300
Raw Aluminium	○ Neutral White (4000 K)	88	19.5	Medium Distribution	104	30154700
Ultra Dark Grey	○ Neutral White (4000 K)	88	19.5	Medium Distribution	104	30160800
Raw Aluminium	○ Neutral White (4000 K)	96	19.5	Asymmetrical	113	30107300
Ultra Dark Grey	○ Neutral White (4000 K)	96	19.5	Asymmetrical	113	30113400
Raw Aluminium	○ Neutral White (4000 K)	96	19.5	Symmetrical	113	30131800
Ultra Dark Grey	○ Neutral White (4000 K)	96	19.5	Symmetrical	113	30137000
Raw Aluminium	○ Neutral White (4000 K)	96	19.5	Medium Distribution	113	30155400
Ultra Dark Grey	○ Neutral White (4000 K)	96	19.5	Medium Distribution	113	30161500

BVP506 EconomyLine

Housing Colour	Light Colour	Number of LED's	Weight KG	Optic	Power	Order code
Raw Aluminium	● Cool White (5600K)	80	19.5	Asymmetrical	146	30108000
Ultra Dark Grey	● Cool White (5600K)	80	19.5	Asymmetrical	146	30114100
Raw Aluminium	● Cool White (5600K)	80	19.5	Symmetrical	146	30132500
Ultra Dark Grey	● Cool White (5600K)	80	19.5	Symmetrical	146	30138700
Raw Aluminium	● Cool White (5600K)	80	19.5	Medium Distribution	146	30156100
Ultra Dark Grey	● Cool White (5600K)	80	19.5	Medium Distribution	146	30162200
Raw Aluminium	● Cool White (5600K)	88	19.5	Asymmetrical	158	30109700
Ultra Dark Grey	● Cool White (5600K)	88	19.5	Asymmetrical	158	30115800
Raw Aluminium	● Cool White (5600K)	88	19.5	Symmetrical	158	30133200
Ultra Dark Grey	● Cool White (5600K)	88	19.5	Symmetrical	158	30139400
Raw Aluminium	● Cool White (5600K)	88	19.5	Medium Distribution	158	30157800
Ultra Dark Grey	● Cool White (5600K)	88	19.5	Medium Distribution	158	30163900
Raw Aluminium	● Cool White (5600K)	96	19.5	Asymmetrical	172	30110300
Ultra Dark Grey	● Cool White (5600K)	96	19.5	Asymmetrical	172	30116500
Raw Aluminium	● Cool White (5600K)	96	19.5	Symmetrical	172	30134900
Ultra Dark Grey	● Cool White (5600K)	96	19.5	Symmetrical	172	30140000
Raw Aluminium	● Cool White (5600K)	96	19.5	Medium Distribution	172	30158500
Ultra Dark Grey	● Cool White (5600K)	96	19.5	Medium Distribution	172	30164600

☎ For further information call 01483 293 258

Controls



Lighting Controls

Philips is synonymous with the creation of sophisticated, productive, reliable and energy-efficient lighting control solutions for a wide range of segments that include residential, custom installation, offices, retail, hospitality, industrial, highway and public spaces.

The Philips portfolio offers controls ranging from simple 'plug and play' solutions to fully scalable, integrated networked solutions for both indoor and outdoor applications.

The following table provides a cross reference between luminaire and control range selection.

For further information, assistance with applications and budgets, please call our UK Sales Support Team on 01483 298950, email at lcuk.sales@philips.com or click on www.dynalite.eu

PHILIPS



ToBeTouched Colour



ToBeTouched CT



ToBeTouched DALI



Project:
_Plaza del Sol, Móstoles, Spain
Lighting design:
_Enriqueta Diaz

Controls

	Generic Type	Dimmable	Control Protocol
ColorReach Powercore	RGB	YES	DMX
iW Reach Powercore	White	YES	DMX
eW Reach Powercore	White	YES	DMX
ColorBlast 12 Powercore	RGB	YES	DMX
ColorBlast	RGB	YES	DMX
eColor Blast Powercore	Amber; Blue, Green or Red	NO	-
eW Blast Powercore	White	NO	-
iw Blast Powercore	White	YES	DMX
ColorBurst Powercore	RGB	YES	DMX
ColorBurst Compact Powercore	RGB	YES	DMX
eColor Burst Powercore	Amber; Blue, Green and Red	NO	-
eW Burst Powercore	White	NO	-
ColorBurst 6	RGB	YES	DMX
LEDflood K2	Amber; Blue, Green ,Red and White	YES	DMX/ RDM
	Amber; Blue, Green ,Red and White	NO	-
	Blue & Green,White & Amber and Blue & white	YES	DMX/ RDM
	AWB, RGB	YES	DMX/ RDM
C-Splash 2	RGB	YES	DMX
Underwater LED	White, and Blue	NO	-
	RGB	YES	DMX
BeamerLED	White, Red, Green, Blue,Amber; Cyan and Light Blue	NO	-
iColorGraze Powercore	RGB	YES	DMX
eColorGraze Powercore	Amber; Blue, Green and Red	YES	Phase cut
iW Graze Powercore	White	YES	DMX
eWGraze Powercore	White	YES	Phase cut
LEDline	Warm white, Neutral White, RGB and AWB	YES	DMX
	Amber; Blue, Green and Red	YES	DALI
	Amber; Blue, Green and Red	YES	I - 10V DC
iColor Accent MX Powercore	RGB	YES	DMX
iColorFlex LMX	RGB	YES	DMX
iColorFlex MX	RGB	YES	DMX
eW Flex SLX	White	YES	DMX
VidiWall	RGB	YES	DMX
iColorTile MX 2.2	RGB	YES	DMX
iColor Cove MX Powercore	RGB	YES	DMX
iColor Cove QLX	RGB	YES	DMX
iColor Cove EC	RGB	YES	DMX
eW Profile Powercore	White	YES	Phase cut
eW Cove MX Powercore	White	NO	-
eW Cove EC Powercore	White,Amber; Blue	NO	-
eW Cove QLX Powercore	White	NO	-
eW Fuse Powercore	White	NO	-
iW Cove MX Powercore Gen 2	White	NO	-
LuxSpace	White	YES	DALI
LuxSpace Mini Square	White	YES	DALI
EssentialLED Downlight	White	NO	-
EssentialLED Downlight Fire Rated	White	NO	-
EssentialLED Downlight Adjustable	White	NO	-
EssentialLED Inground	White	NO	-

[illegible]

Controls

	Generic Type	Dimmable	Control Protocol
Spot LED I & II Recessed	White	NO	-
Spot LED I & II Surface	White	NO	-
Spot LED Gen 3	White	YES	Phase cut
Arctone Micro	White	YES	DALI
UnicOne LED	White	NO	-
UnicOne Pendant Compact	White	NO	-
eW Downlight Powercore	White	YES	Phase cut
Magneos LED	White	NO	-
StylID	White	NO	-
	White	YES	Phase cut
	White	YES	DALI
DaySign Projector	White	NO	-
	White	YES	DALI
Master LED	White	NO	-
	White	YES	Phase cut
DayWave	White	YES	DALI
DayZone	White	YES	DALI
Arano	White	NO	-
Celino	White	NO	-
Coreview	White	NO	-
SmartForm	White	NO	-
Ledino (Indoor)	White	YES	Phase cut
Pacific LED	White	NO	-
	White	YES	DALI
SmartBollard LED	White	NO	-
Amazon LED	Yellow, Blue, Green, Red, White	NO	-
Marker LED	Amber, Blue, Green, Red, White and RGB	YES	DMX
Asymmetric Wall Marker LED	White	NO	-
Ledino (outdoor)	White	YES	Phase cut
Wall Marker LED	Blue, White and RGB	NO	-
DecoScene LED	White, Red, Green, Amber and Blue	NO	-
	RGB	YES	DMX
Light Tube	RGB and AWB	NO	-
Speedstar	White	YES	I-10V DC
Mini Iridium	White	YES	I-10V DC
TunLite LED	White	YES	I-10V DC
Residium Fortimo	White	NO	-
Residium Aluminium	White	NO	-
Residium Aluminium	White	YES	I-10V DC
CitySpirt LED	White	YES	I-10V DC
CitySpirt Street LED	White	YES	I-10V DC
UrbanScene LED	White	YES	I-10V DC
CitySoul LEDGINE	White	YES	I-10V DC
MileWide LEDGINE	White	YES	I-10V DC
Koffer2 LED	White	YES	I-10V DC
Mini300 LED	White	YES	I-10V DC
Mini300 Stealth LEDGINE	White	YES	I-10V DC
OptiFlood LEDGINE	White	YES	I-10V DC

Occurance	ToBeTouched	CK/ Philips LED	Dynalite	StarSense	Dynadimmer	LumiMotion
Y	N	N	Y	N	N	N
Y	N	N	Y	N	N	N
Y	N	N	Y	N	N	N
Y	Y	N	Y	N	N	N
Y	N	N	Y	N	N	N
Y	N	N	Y	N	N	N
Y	N	N	Y	N	N	N
Y	N	N	Y	N	N	N
Y	N	N	Y	N	N	N
Y	N	N	Y	N	N	N
Y	Y	N	Y	N	N	N
Y	N	N	Y	N	N	N
Y	Y	N	Y	N	N	N
Y	N	N	Y	N	N	N
Y	Y	N	Y	N	N	N
Y	N	N	Y	N	N	N
Y	N	N	Y	N	N	N
Y	N	N	Y	N	N	N
Y	N	N	Y	N	N	N
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Y	N	N	Y	N	N	N
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N	Y	N	Y	N	N	N
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Y	N	N	Y	N	N	N
Y	N	N	Y	N	N	N
N	Y	Y	Y	N	N	N
Y	N	N	Y	N	N	N
N	N	N	N	Y	Y	Y
N	N	N	N	Y	Y	Y
N	N	N	N	Y	Y	Y
N	N	N	N	Y	Y	Y
N	N	N	N	Y	N	N
N	N	N	N	Y	Y	Y
N	N	N	N	Y	Y	Y
N	N	N	N	Y	Y	Y
N	N	N	N	Y	Y	Y
N	N	N	N	Y	Y	Y
N	N	N	N	Y	Y	Y
N	N	N	N	N	Y	Y
N	N	N	N	N	Y	Y
N	N	N	N	N	Y	Y

Key & Index

- 530 Key to classification codes
- 532 Safety and protection of luminaires
- 534 Index

Approvals and standards

-  A condition for the free circulation on the entire European market of products that are safe
-  The UL Mark is widely recognised by consumers, retailers and authorities in America who trust UL's integrity and commitment to consumer safety ensuring that products can be used by the consumer with confidence.

Ambient temperature

-  Passes the 650°C glow wire test in accordance with IEC 695-2-1
-  Passes the 850°C glow wire test in accordance with IEC 695-2-1

Luminaire marking for flammability

-  F mark (200°) – fittings comply with installation requirements for mounting on flammable surfaces

Electrical safety classes

-  Class I – Luminaires in this class have basic insulation and are fitted with an earthing point (identified) for the connection of all those exposed metal parts that could conceivably become live in the presence of a fault. Where the Class I luminaire is provided with a flexible power lead, it must include an earth wire.
-  Class II – Luminaires in this class are designed and constructed in such a way that exposed metal parts cannot become live. This can be achieved by means of either reinforced or double insulation, but without a provision for protective earthing.
-  Class III – The luminaires in this class are those in which protection against electric shock relies on supply at Safety Extra-Low Voltage (SELV), typically 12V or 24V, and in which voltages higher than those of SELV (50V a.c. r.m.s.) are not generated. A Class III luminaire should not be fitted with a facility for protective earthing.

Protection against mechanical shock

IK 08

IK No.	Shock (joules)	Description	Example
IK00	–		
IK01	0.15		
IK02	0.2	Standard	Standard open luminaire, closed luminaire with acrylic cover
IK03	0.3		
IK04	0.5	Standard plus	Open luminaire with reinforced optical system
IK05	0.7		
IK06	1		
IK07	2	Reinforced	
IK08	5	Vandal-protected	Closed luminaire with polycarbonate or hardened glass cover
IK09	10		
IK10	20	Vandal-resistant	Closed luminaire

The Ingress Protection system

IP 66

First Number Degree of protection against accidental contact/contact with external elements		Second Number Degree of protection against ingress of moisture	
No.	Description	No.	Description
0	Non-protected	0	Non-protected
1	Hand-protected	1	Drip-proof against vertical water drops
2	Finger-protected	2	Drip-proof when tilted at angles of up to 15°
3	Tool-protected	3	Rain/spray-proof
4	Wire-protected	4	Splash-proof
5	Dust-accumulation protected	5	Jet-proof
6	Dust-penetration protected	6	Jet-proof
		7	Watertight
		8	Pressure watertight

No.	Description	No.	Description
			Explanation
			Not protected against moisture
			Water drips falling vertically shall have no harmful effect
			Water drips shall have no harmful effect
			Water falling at an angle of up to 60° shall have no harmful effect
			Splashing water from any direction shall have no harmful effect
			Water projected by a nozzle from any direction shall have no harmful effect. (Nozzle diameter 6.3mm, pressure 30 kPa)
			Water projected by a nozzle from any direction shall have no harmful effect. (Nozzle diameter 12.5mm, pressure 100 kPa)
			Watertight; temporary immersion in water under specified conditions of pressure and time possible without ingress of water in harmful quantities
			Pressure watertight; continuous submersion in water under specified conditions of pressure and time without ingress of water in harmful quantities

Safety and protection of luminaires

Approvals and standards

Luminaires sold in the market are expected to comply with the appropriate safety requirements as laid down in the European series of standards EN 60598 prepared by CENELEC, the European Committee for Electrotechnical Standardisation, and which are almost fully harmonised with the worldwide series of standards IEC 60598. European standards are accepted as the national standards and published as such.

Since the issuing of the Low Voltage Directive the availability of the appropriate safety standards has improved the overall quality of our luminaires. The European testing institutes, in cooperation with the European Luminaire Industry, introduced the ENEC mark in January 1993.

All luminaires supplied by Philips comply with the ENEC criteria and many indeed carry the ENEC mark to show the involvement of objective third parties. The CE mark, which is a condition for the free circulation on the entire European market of products that are safe, for example, is the way our organisation demonstrates its compliance with the relevant European legislation. For more information on the European platform of Testing agencies, please consult their website www.EEPCA.org

Ambient temperature

Philips luminaires are designed to meet the (environmental) conditions under which they are most likely to be used. The maximum ambient temperature T_a under which a luminaire can be operated safely, is indicated on the type label on the product; if no indication is given the product is intended for a maximum ambient temperature of 25°C. The ambient temperature always refers to the typical use of the luminaire: indoors or outdoors.

The majority of luminaires developed for office, shop and general indoor applications show no T_a , thus indicating 25°C. Luminaires designed for industrial high-bay applications are designed for ambient temperatures as high as 40 to 45°C. The use of luminaires above their specified maximum ambient temperature may reduce safety margins and will mostly lead to a reduction of the lifetime of the various components. Electronic

equipment, ballasts and lighting controls are particularly sensitive to overheating. Although (extremely) low temperatures do not normally affect the safety of luminaires, this may affect operation during the starting-up phase of the lamp. Fluorescent lamps should not be used below -5°C to -10°C.

Upon request special solutions are often possible for higher or lower ambient temperatures. High-intensity discharge lamps function well below -20°C and are the most suitable lamps for outdoor use.

Flammability

From the point of view of flammability of mounting materials, luminaires can always be mounted on non-flammable building materials like concrete and stone. If luminaires are to be mounted on flammable materials special measures should be taken. Luminaires for discharge lamps with no warning sign to indicate that they are unsuitable for mounting on normally flammable surfaces, are suitable for mounting on building surfaces that do not ignite below 200°C.

Electrical supply

An important step has been taken to harmonise the European mains supply voltage. From 2003 onwards the voltage delivered for use in buildings is 230V/400V with a tolerance of $\pm 10\%$. Philips luminaires are designed for the future and will operate well on the supply of today and tomorrow. An example is the electronic ballast designed for a rated mains voltage of 220-240V, with tolerance for safety of $\pm 10\%$ and tolerances for performance of -8% and +6%, covering the full range between 202V and 254V.

Electrical safety classes

Electrical equipment is classified according to the protection level against electrical shock. In normal operation as well as during service and maintenance, luminaires should be protected against electrical shock. The safety of a luminaire depends on electrical, mechanical and thermal aspects, both under normal and fault conditions. The electrical safety classification drawn up by the IEC embraces 3 luminaire classes: Class I, II and III. Low voltage luminaires designed to meet the Safety Extra-Low Voltage (SELV) limits can be categorised as Class III.

The key (p294) gives a brief description of each electrical safety class. The official definitions are too long to be reproduced in full here, but can be summarised as printed below. If a protective earth connection is available, Class I luminaires are applied. However, if there is no earth connection or if eddy currents are present, Class II luminaires shall be applied. Class II water-protected luminaires are applied in wet and outdoor locations. Local electricity boards can provide the appropriate advice.

Protection against mechanical shock

The impact resistance of a luminaire defines the protection of the luminaire against mechanical shock. The European standard EN 50102 defines the degrees of protection against external mechanical impact (IK code) and the method of testing. The luminaire housing should withstand the defined energy of the mechanical shock without losing its electrical and mechanical safety, or the basic luminaire function. Translated into a more practical implementation, this means that after withstanding the shock, deformation of the mirror and housing is allowed, although broken lamps, an unsafe electrical situation and failure to meet the specified IP classifications are not permitted. The impact resistance is expressed as a group numeral, for instance IK06, which is related to the impact energy. All types of Philips luminaires have a minimum impact resistance of 0.2 J. The table (p294) shows the ten IK classifications and the defined shock energy expressed in joules. Notice that fully vandal-proof luminaires are not available; vandal-protected (IK09) and vandal-resistant (IK10) are the best achievable classifications.

Protection against ingress of solid objects, dust and moisture

The Ingress Protection system (IP) EN 60529, 1991 defines various degrees of protection against the ingress of foreign bodies, dust and moisture. The term 'foreign bodies' includes things like fingers and tools coming into contact with the electrical live parts of the product. Both safety aspects (contact with live parts) and harmful effects on the function of the luminaire are defined.

The designation to indicate the degree of protection consists of the characteristic letters IP followed by 2 digits indicating conformity with the conditions

stated in the table (p295). All Philips luminaires fulfil the minimum classification: IP20 (protected against finger contact with live parts), however a selection of luminaires, especially those for industrial and outdoor (road) applications, meet a higher IP classification. It is important to realise that the specification and safety of luminaires are only secured if the necessary maintenance is carried out according to the instructions of the manufacturer within the time schedules indicated.

Ball impact resistance

For indoor sports halls ball-impact-resistant luminaires are essential. As no European standards have been developed for this purpose, Philips has classified the relevant luminaires according to the German DIN 18032. After the impact test according to this standard (36 handballs targeted at a speed of 60Km/h) no damage of the luminaire should have occurred and no loose particles should drop down from the luminaire. Luminaires protected by a wire guard with a grid width exceeding 60mm are not to be used in tennis sports halls.

Safety distance

In the application of reflector lamps and luminaires with narrow beam distributions of a high intensity, a minimum distance between light source and illuminated surface has to be ensured. This is to prevent too high temperatures of the illuminated surface. Minimum values for safety distances are specified on the luminaire packing. The specified values must be considered as the shortest distances permitted between light source and illuminated object or surface to ensure long-lasting safe operation.

Index

Product	Page	Product	Page	Product	Page
A		I		R	
Amazon LED	422	iColor Accent MX Powercore®	176	Residium Fortimo	470
Arctone	308	iColor Cove EC	218	Residium Aluminium	474
Asymmetric Wall Marker LED	434	iColor Cove QLX	222		
		iColor Cove MX Powercore®	226	S	
B		iColorFlex LMX	180	Smart Form	384
BeamerLED	138	iColorFlex MX	184	SpeedStar	458
		iColorGraze Powercore®	142	SpotLED Recessed	284
C		iColorTile MX 2.2	192	SpotLED Surface	292
Celino	388	iW Blast Powercore®	94	SpotLED Gen 3	300
CitySoul LEDGINE	490	iW Cove MX Powercore® Gen2	230	StyliD	332
CitySpirit	478	iW Graze Powercore®	152		
City Spirit Street LED	482	iW Reach Powercore®	68	T	
ColorBlast	80			Trade LED Solutions	412
ColorBlast 12 Powercore®	76	K		TunLite LED	466
ColorBurst 6	116	Koffer² LED	498		
ColorBurst Powercore®	98			U	
ColorReach Powercore®	64	L		Underwater LED	130
Coreview	396	LEDflood K2	120	UnicOne LED	316
C-Splash 2	126	LEDline²	162	UnicOne Pendant Compact	320
		Ledino (Indoor)	404	UrbanScene LED	486
D		Ledino (Outdoor)	438		
DaySign Projector	354	Light Tube	450	V	
Daywave	380	LuxSpace	256	VidiWall	198
DayZone	368	LuxSpace Mini Square	266		
DayZone Round	372			W	
DecoScene LED	446	M		Wall Marker LED	442
		Magneos LED	328		
E		Marker LED	428		
eColor Blast Powercore®	86	MASTER LEDlamps	358		
eColor Burst Powercore®	104	MileWide LEDGINE	494		
eColorGraze Powercore®	146	Mini Iridium	462		
EssentiaLED	270	Mini300LED	502		
eW Blast Powercore®	90	Mini 300 Stealth LEDGINE	510		
eW Burst Powercore®	110	Multipole	454		
eW Cove EC Powercore®	234				
eW Cove QLX Powercore®	238	O			
eW Cove MX Powercore®	242	OptiFlood LEDGINE	516		
eW Downlight Powercore®	324				
eW Fuse Powercore®	246	P			
eW Graze Powercore®	156	Pacific LED	400		
eW Profile Powercore®	250	PowerBalance	376		
eW Reach Powercore®	72				

