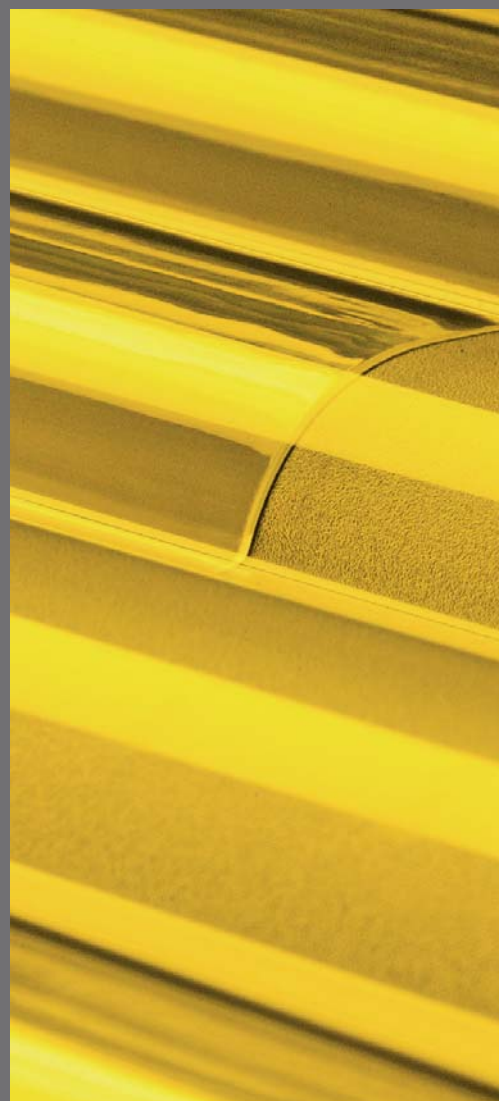
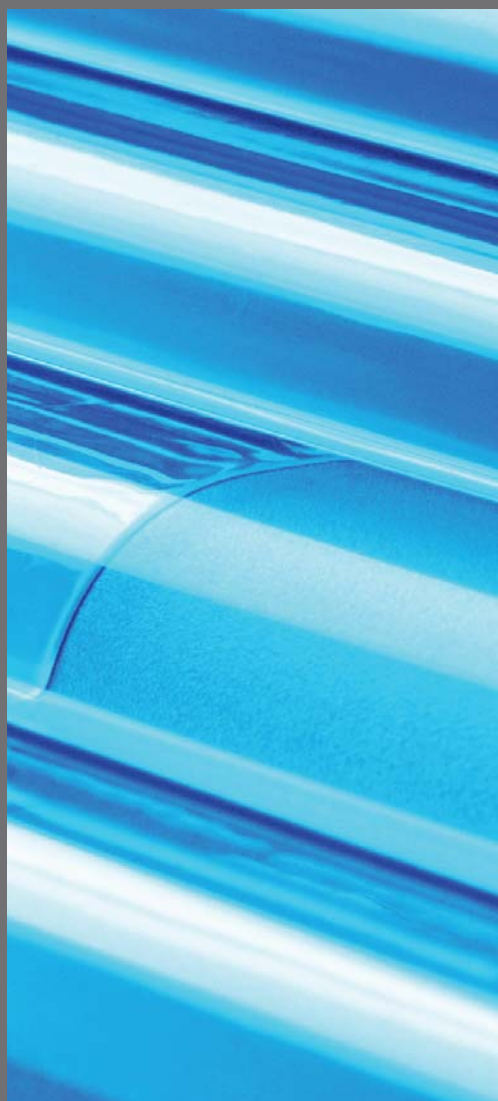


we-ef

WE-EF LIGHTING
North American Edition
2014-2016

Ceiling Luminaires





DOR100 Series


- 114-115
- DOR120
- DOR130
- DOR140
- LED



Accessories
DOR100 Series

- 116-117
- Mounting accessories
- Optical accessories
- LED



DOC200-GB Series


- 118-119
- DOC240-GB
- LED



DOC200-GB Series


- 120-121
- DOC240-GB
- HID

CEILING LUMINAIRES



DOC200 Series



122-123
DOC220
DOC240
LED



DOC200 Series



124-125
DOC220
LED-FT



DOC200 Series



126-129
DOC220
DOC240
DOC244
HID



Mounting Accessories
DOC200 Series

130-131
Mounting accessories



DAC200 Series



132-133
DAC220
DAC240
LED



DAC200 Series



134-137
DAC220
DAC240
DAC244
HID



Optical Accessories
DOC200 Series
DAC200 Series

138-139
Optical accessories
LED
HID

DOR100 SERIES

Recessed exterior downlight. IP66. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, grey metallic RAL 9007 or white RAL 9016. Specify finish. Consult WE-EF color chart for other options. Clear tempered glass lens. Silicone rubber gasket. Suitable for installation in non-insulated ceiling, using galvanized mounting tray and hanger bars.

Factory-installed LED circuit board. LED boards can be easily removed for upgrading. PMMA LED lens array.

Integral [ECG] electronic 0-10 V dimmable driver in 120 or 277 volt. Specify voltage.

A pre-installation blockout, proud of surface is available for concrete pour ceiling installations (to be ordered separately).

Light source:

LED 12-48 W, 3000 K

(for 4000 K, refer to www.we-ef.com)

Beam distributions:

[W] [M] [VN] [VNS]

Accessories:

■ Mounting, page 116

■ Optical, page 116

UL, cUL:

■ Suitable for wet locations



**QUICK
SHIP**



Central World. Bangkok (TH). Architect: Architect 49. Lighting design: with light.



[W] [M] [VN] [VNS]

IOS Innovative Optical System:
[W] Symmetric distribution, wide beam
[M] Symmetric distribution, medium beam
[VN] Symmetric distribution, very narrow beam
[VNS] Symmetric distribution, very narrow beam, 'sharp cut-off'

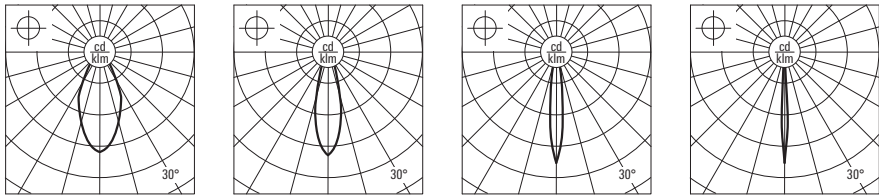
Ordering guide:
Specify 7 digit part ID together with voltage and finish.
Example: 632-6320 – 120 V – Black RAL 9004

[W]	Part ID	Light source	K	lm*	cd max	Beam	lbs
DOR120	632-6320	6 LED 12W/700 mA	3000	1064	1015	50°	6.0
DOR130	632-7320	12 LED 24W/700 mA	3000	2128	2109	50°	8.0
DOR140	632-5320	24 LED 48W/700 mA	3000	4256	4060	50°	12.0

[M]	Part ID	Light source	K	lm*	cd max	Beam	lbs
DOR120	632-6220	6 LED 12W/700 mA	3000	1064	2794	28°	6.0
DOR130	632-7220	12 LED 24W/700 mA	3000	2128	5631	30°	8.0
DOR140	632-5220	24 LED 48W/700 mA	3000	4256	11176	28°	12.0

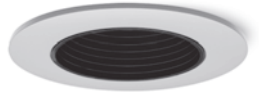
[VN]	Part ID	Light source	K	lm*	cd max	Beam	lbs
DOR120	632-6120	6 LED 12W/700 mA	3000	1064	8992	12°	6.0
DOR130	632-7120	12 LED 24W/700 mA	3000	2128	19671	12°	8.0
DOR140	632-5120	24 LED 48W/700 mA	3000	4256	35967	12°	12.0

[VNS]	Part ID	Light source	K	lm*	cd max	Beam	lbs
DOR120	632-6020	6 LED 12W/700 mA	3000	1064	45002	6°	6.0
DOR130	632-7020	12 LED 24W/700 mA	3000	2128	77629	6°	8.0
DOR140	632-5020	24 LED 48W/700 mA	3000	4256	180008	6°	12.0

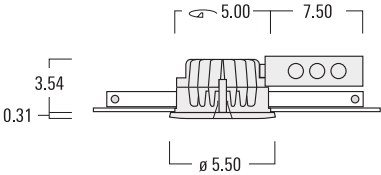


[W] [M] [VN] [VNS]

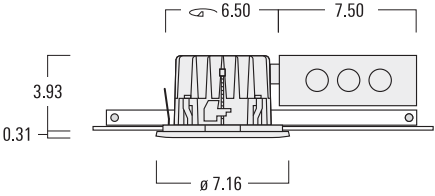
Product Dimensions:			
DOR series	A	B	C
DOR120	14.00	12.00	7.63
DOR130/140	18.00	16.56	12.00



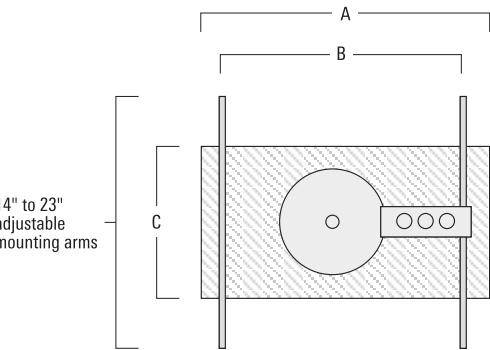
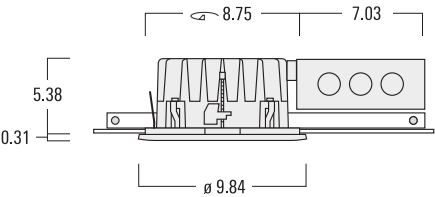
DOR120



DOR130



DOR140



MOUNTING AND OPTICAL ACCESSORIES – DOR100 SERIES

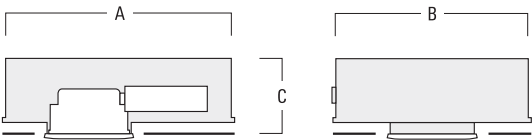
Mounting:

Installation blackout – Luminaire frame proud of surface.			A	B	C
for DOR120	632-9120	BCR120-I	12.2	11.9	4.6
for DOR130	632-9130	BCR130-I	12.8	11.2	5.8
for DOR140	632-9140	BCR140-I	15.0	12.4	6.6

Optical:

Lenses	Linear spread lens IO-180	Flood lens IO-360
for DOR120	632-8140	632-8141
for DOR130	632-8142	632-8143
for DOR140	632-8144	632-8145

One internal optical accessory such as spread lens or flood lens.



Installation blackout



DOC200-GB SERIES

Recessed exterior downlight. IP66. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Natural stainless steel, or powdercoat finish in black RAL 9004, grey metallic RAL 9007 or white RAL 9016. Specify finish. Consult WE-EF color chart for other options. Clear tempered glass lens. Frame with safety catch. Silicone rubber gasket. Off-set gimbal mounted module with lockable aiming. Zero to 30° vertical tilt and 355° rotation. Suitable for installation in non-insulated ceiling, using galvanized mounting tray and hanger bars.

Factory-installed LED circuit board. LED boards can be easily removed for upgrading. PMMA LED lens array.

Integral [ECG] electronic 0-10 V dimmable driver in 120 or 277 volt. Specify voltage.

A pre-installation blackout, proud of surface, is available for concrete pour ceiling installations (to be ordered separately).

Light source:

LED 18 W, 3000 K

(for 4000 K, refer to www.we-ef.com)

Beam distributions:

[W] [M] [VN] [VNS]

Accessories:

■ Mounting, page 130

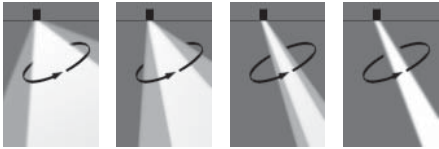
■ Optical, page 138

UL, cUL:

■ Suitable for wet locations



White City. London (UK). Lighting design: Speirs + Major.



[W] [M] [VN] [VNS]

IOS Innovative Optical System:

[W] Symmetric distribution, wide beam, tilt and rotatable

[M] Symmetric distribution, medium beam, tilt and rotatable

[VN] Symmetric distribution, very narrow beam, tilt and rotatable

[VNS] Symmetric distribution, very narrow beam, 'sharp cut-off', tilt and rotatable

Ordering guide:

Specify 7 digit part ID together with voltage and finish.

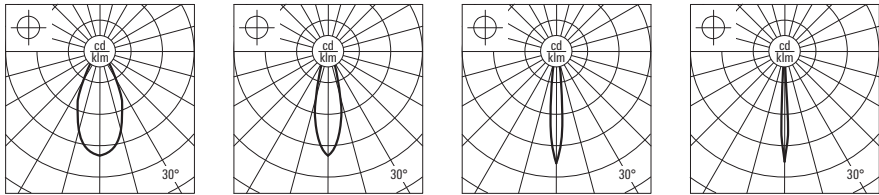
Example: 630-5310 – 120 V – Black RAL 9004

[W]	Part ID	Light source	K	lm**	cd max	Beam	lbs
DOC240-GB	630-5310	12 LED 18W/500 mA	3000	1656	1641	50°	15.6
DOC240-GB SS*	630-5311	12 LED 18W/500 mA	3000	1656	1641	50°	15.6

[M]	Part ID	Light source	K	lm**	cd max	Beam	lbs
DOC240-GB	630-5222	12 LED 18W/500 mA	3000	1656	4382	30°	15.6
DOC240-GB SS*	630-5223	12 LED 18W/500 mA	3000	1656	4382	30°	15.6

[VN]	Part ID	Light source	K	lm**	cd max	Beam	lbs
DOC240-GB	630-5122	12 LED 18W/500 mA	3000	1656	15308	12°	15.6
DOC240-GB SS*	630-5123	12 LED 18W/500 mA	3000	1656	15308	12°	15.6

[VNS]	Part ID	Light source	K	lm**	cd max	Beam	lbs
DOC240-GB	630-5020	12 LED 18W/500 mA	3000	1656	60411	6°	15.6
DOC240-GB SS*	630-5021	12 LED 18W/500 mA	3000	1656	60411	6°	15.6

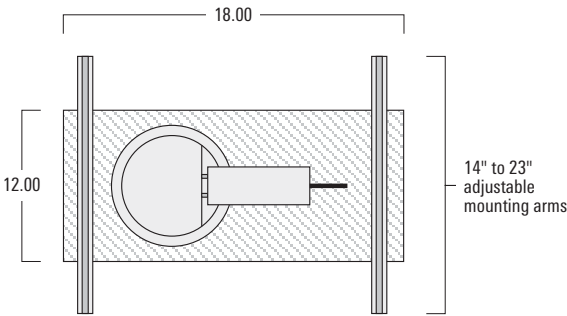
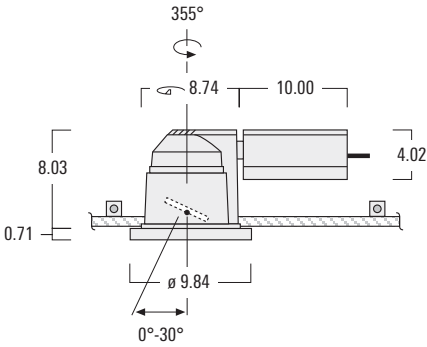


[W] [M] [VN] [VNS]



DOC240-GB
Stainless steel

DOC240-GB



* Natural stainless steel finish.

** Nominal lumen output based on LED manufacturers data at 85°C T_j. For rated lumens at 25°C T_a and latest data, refer to www.we-ef.com.

DOC200-GB SERIES

Recessed exterior downlight. IP66. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Natural stainless steel, or powdercoat finish in black RAL 9004, grey metallic RAL 9007 or white RAL 9016. Specify finish. Consult WE-EF color chart for other options. Anodized aluminum reflector. Clear tempered glass lens. Frame with safety catch. Silicone rubber gasket. Off-set gimbal mounted module with lockable aiming. Zero to 25° vertical tilt and 355° rotation. Suitable for installation in non-insulated ceiling, using galvanized mounting tray and hanger bars.

Integral [ECG] electronic MH ballast in 120, 277 or 347 volt (CMH 20 watt only available in 120 or 277 volt). Specify voltage.

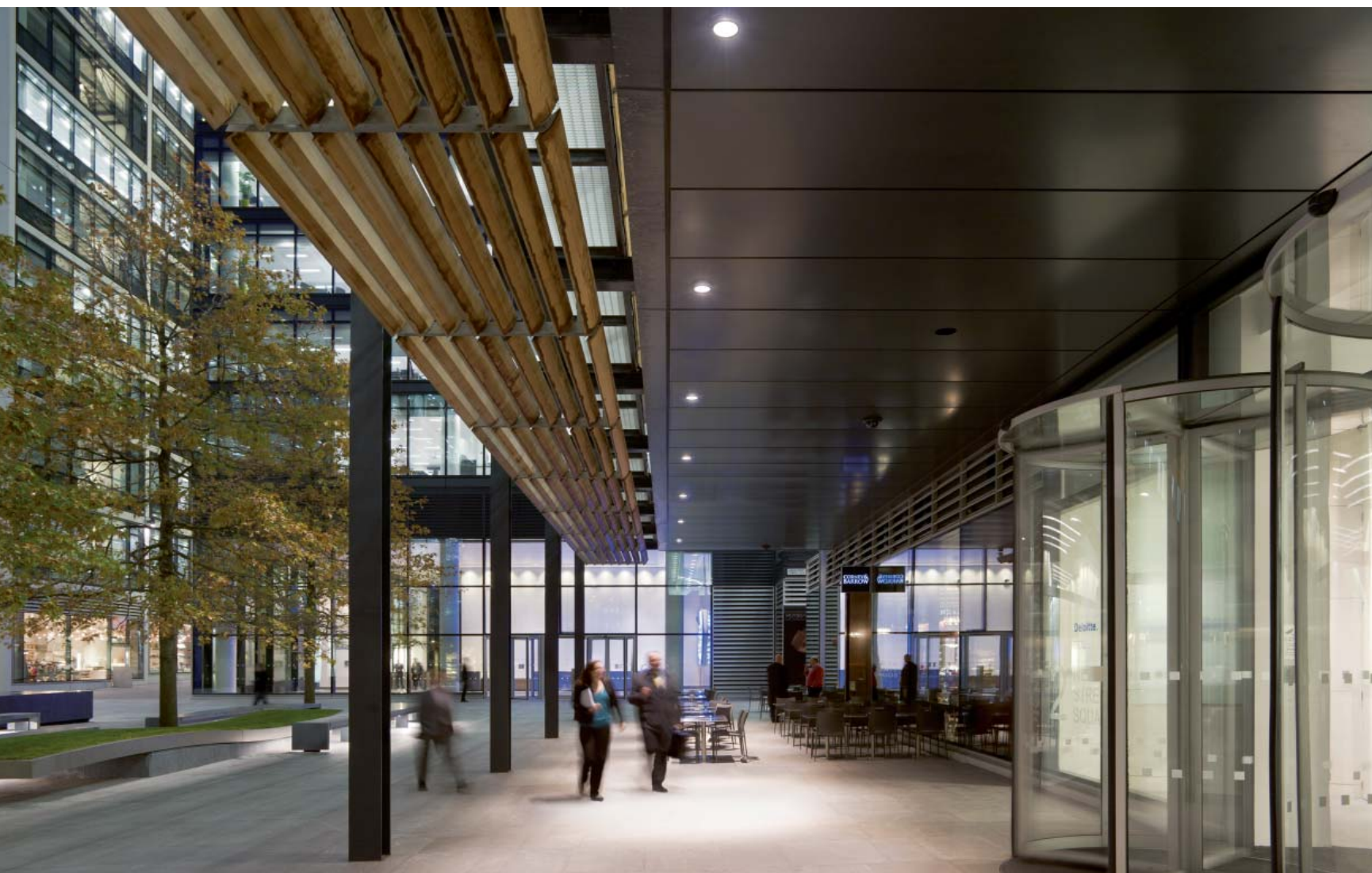
A pre-installation blockout, proud of surface, is available for concrete pour ceiling installations (to be ordered separately).

Light source:
CMH 20-70 W

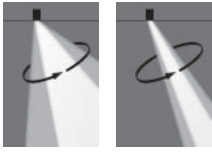
Beam distributions:
[M] [VN]

Accessories:
■ Mounting, page 130
■ Optical, page 138

UL, cUL:
■ Suitable for wet locations



New Street Square. London (UK). Architect: Bennett Associates. Lighting design: Speirs + Major.



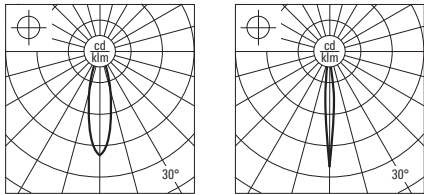
[M] [VN]

IOS Innovative Optical System:
[M] Symmetric distribution, wide beam, tilt and rotatable
[VN] Symmetric distribution, very narrow beam, tilt and rotatable

Ordering guide:
Specify 7 digit part ID together with voltage and finish.
Example: 630-5550 – 120 V – Black RAL 9004

[M]	Part ID	Light source	lm	cd max	Beam	lbs
DOC240-GB	630-5550	CMH20/T-4/G 8.5 base	1650	3539	24°	15.0
DOC240-GB SS*	630-5553	CMH20/T-4/G 8.5 base	1650	3539	24°	15.0
DOC240-GB	630-5551	CMH39/T-4/G 8.5 base	3400	4899	36°	15.0
DOC240-GB SS*	630-5554	CMH39/T-4/G 8.5 base	3400	4899	36°	15.0
DOC240-GB	630-5552	CMH70/T-4/G 8.5 base	6200	8035	34°	15.0
DOC240-GB SS*	630-5555	CMH70/T-4/G 8.5 base	6200	8035	34°	15.0

[VN]	Part ID	Light source	lm	cd max	Beam	lbs
DOC240-GB	630-5450	CMH20/T-4/G 8.5 base	1650	16903	8°	15.0
DOC240-GB SS*	630-5453	CMH20/T-4/G 8.5 base	1650	16903	8°	15.0
DOC240-GB	630-5451	CMH39/T-4/G 8.5 base	3400	38128	8°	15.0
DOC240-GB SS*	630-5454	CMH39/T-4/G 8.5 base	3400	38128	8°	15.0
DOC240-GB	630-5452	CMH70/T-4/G 8.5 base	6200	46370	8°	15.0
DOC240-GB SS*	630-5455	CMH70/T-4/G 8.5 base	6200	46370	8°	15.0

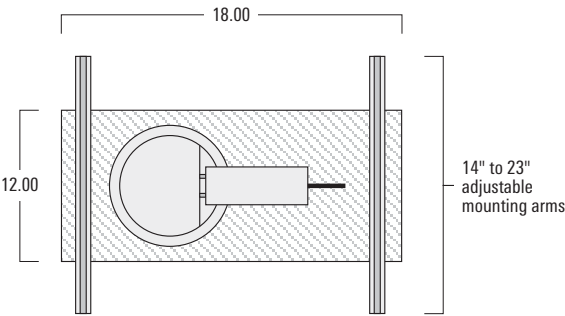
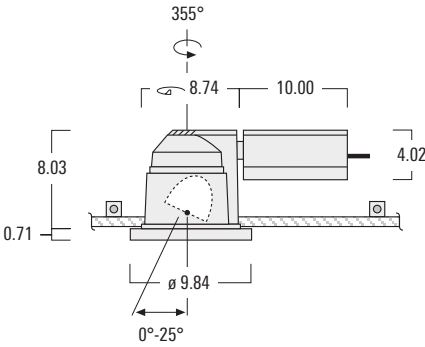


[M] [VN]



DOC240-GB
Stainless steel

DOC240-GB



* Natural stainless steel finish.

DOC200 SERIES

Recessed exterior downlight. IP66. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Natural stainless steel, or powdercoat finish in black RAL 9004, grey metallic RAL 9007 or white RAL 9016. Specify finish. Consult WE-EF color chart for other options. Clear tempered glass lens. Frame with safety catch. Silicone rubber gasket. Suitable for installation in non-insulated ceiling, using galvanized mounting tray and hanger bars.

Factory-installed LED circuit board. LED boards can be easily removed for upgrading. PMMA LED lens array.

Integral [ECG] electronic 0-10 V dimmable driver in 120 or 277 volt. Specify voltage.

A pre-installation blockout, proud of surface, is available for concrete pour ceiling installations (to be ordered separately).

Light source:

LED 24-48 W, 3000 K
(for 4000 K, refer to www.we-ef.com)

Beam distributions:

[W] [M] [VN] [VNS]

Accessories:

- Mounting, page 130
- Optical, page 138

UL, cUL:

- Suitable for wet locations



Deutsche Botschaft. Warschau (PL).



[W] [M] [VN] [VNS]

IOS Innovative Optical System:

[W] Symmetric distribution, wide beam

[M] Symmetric distribution, medium beam

[VN] Symmetric distribution, very narrow beam

[VNS] Symmetric distribution, very narrow beam, 'sharp cut-off'

Ordering guide:

Specify 7 digit part ID together with voltage and finish.

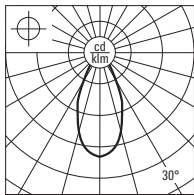
Example: 630-4354 – 120 V – Black RAL 9004

[W]	Part ID	Light source	K	lm**	cd max	Beam	lbs
DOC220	630-4354	12 LED 24W/700 mA	3000	2128	2109	50°	6.4
DOC220 SS*	630-4355	12 LED 24W/700 mA	3000	2128	2109	50°	6.4
DOC240	630-5322	24 LED 48W/700 mA	3000	4256	4060	50°	7.8
DOC240 SS*	630-5325	24 LED 48W/700 mA	3000	4256	4060	50°	7.8

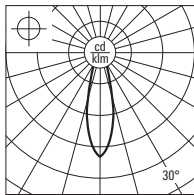
[M]	Part ID	Light source	K	lm**	cd max	Beam	lbs
DOC220	630-4226	12 LED 24W/700 mA	3000	2128	5631	30°	6.4
DOC220 SS*	630-4227	12 LED 24W/700 mA	3000	2128	5631	30°	6.4
DOC240	630-5272	24 LED 48W/700 mA	3000	4256	11176	28°	7.8
DOC240 SS*	630-5275	24 LED 48W/700 mA	3000	4256	11176	28°	7.8

[VN]	Part ID	Light source	K	lm**	cd max	Beam	lbs
DOC220	630-4126	12 LED 24W/700 mA	3000	2128	19671	12°	6.4
DOC220 SS*	630-4127	12 LED 24W/700 mA	3000	2128	19671	12°	6.4
DOC240	630-5138	24 LED 48W/700 mA	3000	4256	35967	12°	7.8
DOC240 SS*	630-5141	24 LED 48W/700 mA	3000	4256	35967	12°	7.8

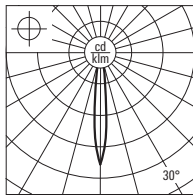
[VNS]	Part ID	Light source	K	lm**	cd max	Beam	lbs
DOC220	630-4024	12 LED 24W/700 mA	3000	2128	77629	6°	6.4
DOC220 SS*	630-4025	12 LED 24W/700 mA	3000	2128	77629	6°	6.4
DOC240	630-5132	24 LED 48W/700 mA	3000	4256	180008	6°	7.8
DOC240 SS*	630-5135	24 LED 48W/700 mA	3000	4256	180008	6°	7.8



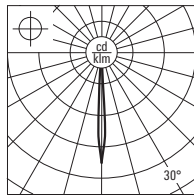
[W]



[M]



[VN]



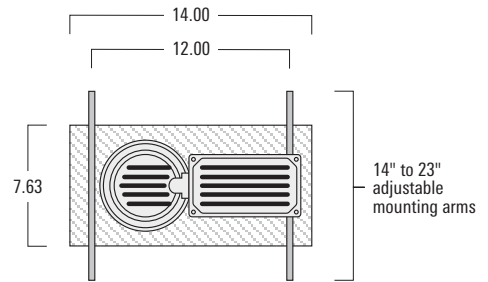
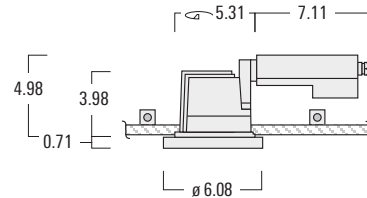
[VNS]



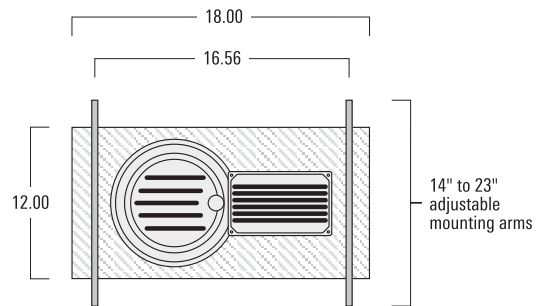
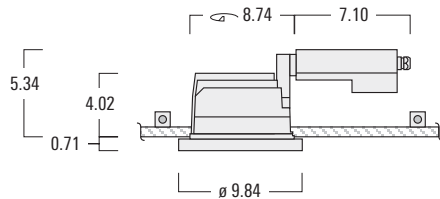
DOC220
Stainless steel



DOC220



DOC220



DOC240

* Natural stainless steel finish.

** Nominal lumen output based on LED manufacturers data at 85°C T_j. For rated lumens at 25°C T_a and latest data, refer to www.we-ef.com.

DOC200 SERIES

Recessed exterior downlight. IP66. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Natural stainless steel, or powdercoat finish in black RAL 9004, grey metallic RAL 9007 or white RAL 9016. Specify finish. Consult WE-EF color chart for other options. Anodized aluminum reflector with PMMA diffuser. Clear tempered glass lens. Frame with safety catch. Silicone rubber gasket. Suitable for installation in non-insulated ceiling, using galvanized mounting tray and hanger bars.

Integral [ECG] electronic 0-10 V dimmable driver in 120 or 277 volt. Specify voltage.

A pre-installation blockout, proud of surface, is available for concrete pour ceiling installations (to be ordered separately).

Light source:

LED-FT 24 W, 3000 K

(for 4000 K, refer to www.we-ef.com)

Beam distribution:

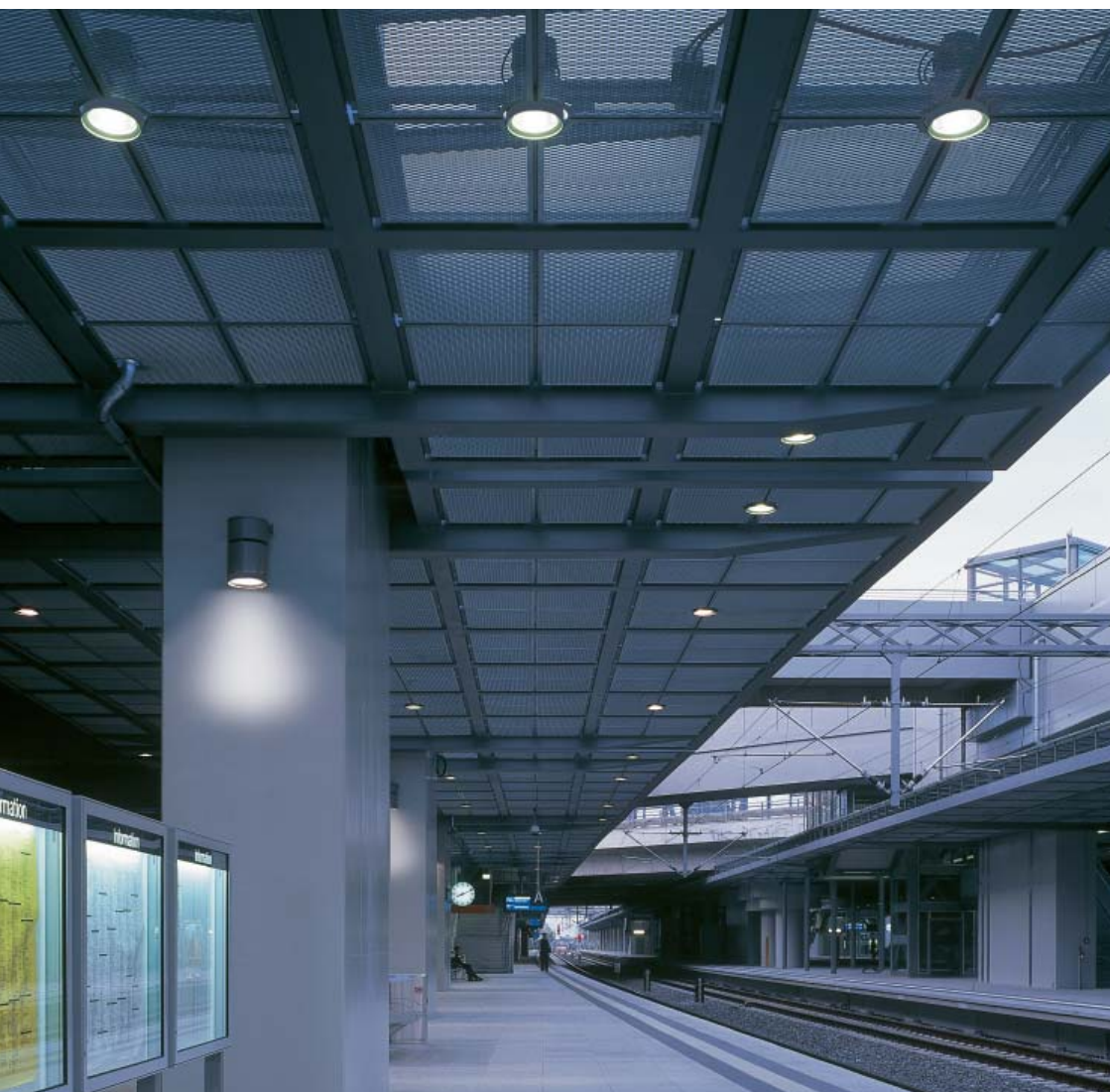
[WD]

Accessories:

■ Mounting, page 130

UL, cUL:

■ Suitable for wet locations



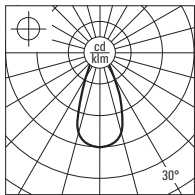
Bahnhof Berlin Sudkreuz. Berlin (D). Architect: J.S.K. GmbH, Berlin. Lighting design: DE Consult.



IOS Innovative Optical System:
[WD] Symmetric distribution, wide beam, 'darklight'

Ordering guide:
Specify 7 digit part ID together with voltage and finish.
Example: 630-4338 – 120 V – Black RAL 9004

[WD]	Part ID	Light source	K	lm**	cd max	Beam	lbs
DOC220	630-4338	LED-FT 24 W	3000	2000	1504	50°	7.1
DOC220 SS*	630-4339	LED-FT 24 W	3000	2000	1504	50°	7.1

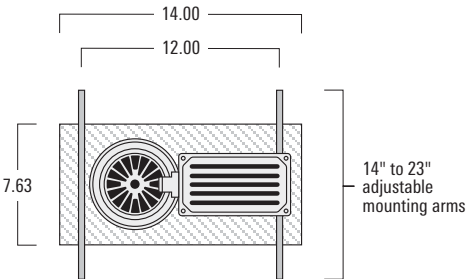
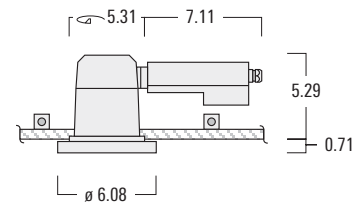


[WD]



DOC220
Stainless steel

DOC220



* Natural stainless steel finish.
** Nominal lumen output based on LED manufacturers data at 25°C T_c. For rated lumens at 25°C T_a and latest data, refer to www.we-ef.com.

DOC200 SERIES

Recessed exterior downlight. IP66. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Natural stainless steel, or powdercoat finish in black RAL 9004, grey metallic RAL 9007 or white RAL 9016. Specify finish. Consult WE-EF color chart for other options. Anodized aluminum reflector. Clear tempered glass lens. Frame with safety catch. Silicone rubber gasket. Suitable for installation in non-insulated ceiling, using galvanized mounting tray and hanger bars.

DOC220: Integral [ECG] electronic MH ballast in 120 or 277.

DOC240: Integral [ECG] electronic MH ballast in 120, 277 or 347 volt.

Specify voltage where applicable.

A pre-installation blockout, proud of surface, is available for concrete pour ceiling installations (to be ordered separately).

Light source:
CMH 20-150 W

Beam distributions:
[M] [VN]

Accessories:
■ Electrical, page 127
■ Mounting, page 130
■ Optical, page 138

UL, cUL:
■ Suitable for wet locations



U-Bahnhof Breslauer Platz, Koeln (D). Architect: Architekturbuero Bueder + Wenzel Architekten. Lighting design: Licht Kunst Licht.



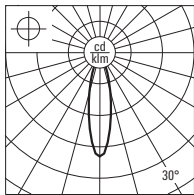
[M] [VN]

IOS Innovative Optical System:
[M] Symmetric distribution, medium beam
[VN] Symmetric distribution, very narrow beam

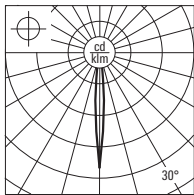
Ordering guide:
Specify 7 digit part ID together with voltage and finish.
Example: 630-4255 – 120 V – Black RAL 9004

[M]	Part ID	Light source	lm	cd max	Beam	lbs
DOC220	630-4255	CMH20/T-4/G 8.5 base	1650	3539	24°	6.0
DOC220 SS*	630-4253	CMH20/T-4/G 8.5 base	1650	3539	24°	6.0
DOC220	630-4256	CMH39/T-4/G 8.5 base	3400	4899	36°	6.0
DOC220 SS*	630-4254	CMH39/T-4/G 8.5 base	3400	4899	36°	6.0
DOC240	630-5237	CMH70/T-6/G 12 base	6600	10844	40°	13.0
DOC240 SS*	630-5257	CMH70/T-6/G 12 base	6600	10844	40°	13.0
DOC240	630-5239	CMH100/T-6/G 12 base	9500	12901	38°	13.0
DOC240 SS*	630-5259	CMH100/T-6/G 12 base	9500	12901	38°	13.0
DOC240	630-5238	CMH150/T-6/G 12 base	14000	17920	46°	13.0
DOC240 SS*	630-5258	CMH150/T-6/G 12 base	14000	17920	46°	13.0

[VN]	Part ID	Light source	lm	cd max	Beam	lbs
DOC220	630-4155	CMH20/T-4/G 8.5 base	1650	16903	8°	6.0
DOC220 SS*	630-4153	CMH20/T-4/G 8.5 base	1650	16903	8°	6.0
DOC220	630-4156	CMH39/T-4/G 8.5 base	3400	38128	8°	6.0
DOC220 SS*	630-4154	CMH39/T-4/G 8.5 base	3400	38128	8°	6.0
DOC240	630-5147	CMH70/T-6/G-12 base	6600	197531	6°	13.0
DOC240 SS*	630-5157	CMH70/T-6/G-12 base	6600	197531	6°	13.0
DOC240	630-5149	CMH100/T-6/G-12 base	9500	216619	4°	13.0
DOC240 SS*	630-5159	CMH100/T-6/G-12 base	9500	216619	4°	13.0
DOC240	630-5148	CMH150/T-6/G 12 base	14000	262528	8°	13.0
DOC240 SS*	630-5158	CMH150/T-6/G 12 base	14000	262528	8°	13.0



[M]

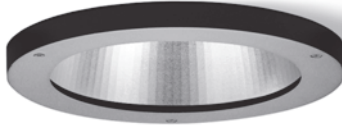


[VN]

Accessories:
Quartz restrike
for DOC240 697-8004

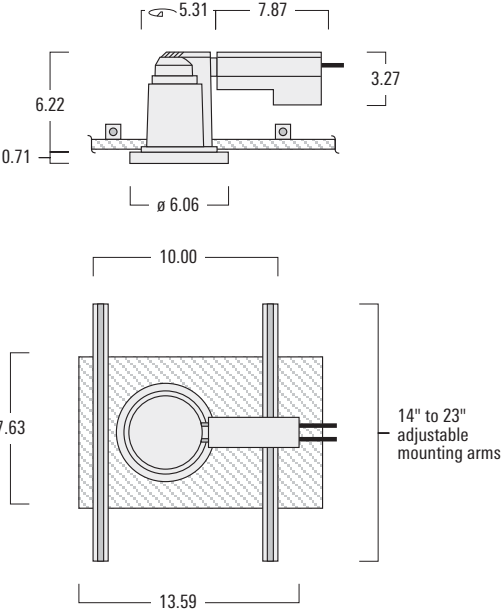


DOC240
Stainless steel

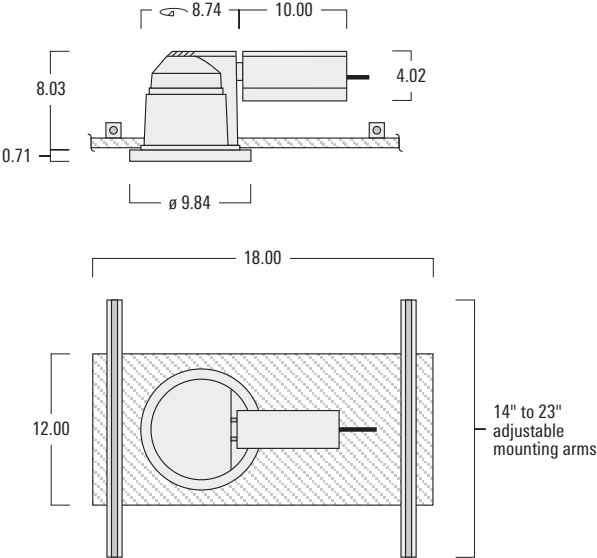


DOC240

DOC220



DOC240



* Natural stainless steel finish.

DOC200 SERIES

Recessed exterior downlight. IP66. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Natural stainless steel, or powdercoat finish in black RAL 9004, grey metallic RAL 9007 or white RAL 9016. Specify finish. Consult WE-EF color chart for other options. Anodized aluminum reflector. Clear tempered glass lens. Frame with safety catch. Silicone rubber gasket. Suitable for installation in non-insulated ceiling, using galvanized mounting tray and hanger bars.

Integral [ECG] electronic MH ballast in 120, 277 or 347 volt. Specify voltage.

A pre-installation blockout, proud of surface, is available for concrete pour ceiling installations (to be ordered separately).

Light source:
CMH 20-150 W

Beam distribution:
[A]

Accessories:
■ Electrical, page 129
■ Mounting, page 130

UL, cUL:
■ Suitable for wet locations



New Street Square. London (UK). Architect: Bennett Associates. Lighting design: Speirs + Major.



IOS Innovative Optical Systems:
[A] Asymmetric distribution, wallwash

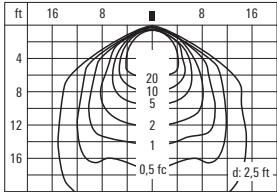


DOC244
Stainless steel

DOC244

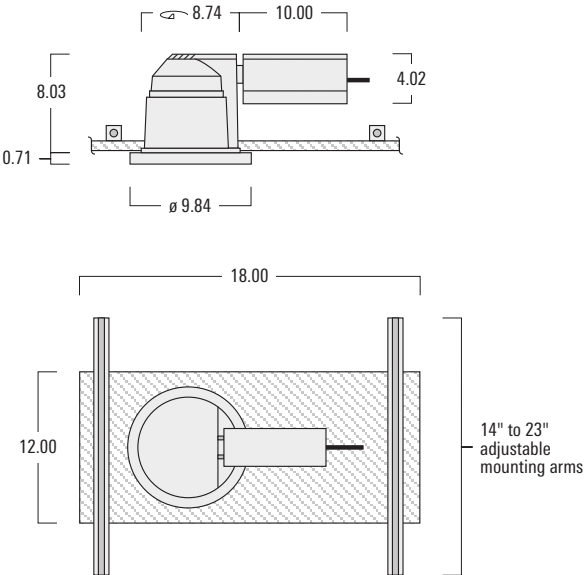
Ordering guide:
Specify 7 digit part ID together with voltage and finish.
Example: 630-6245 – 120 V – Black RAL 9004

[A]	Part ID	Light source	lm	Factor**	lbs
DOC244	630-6245	CMH20/T-6/G 12 base	1600	0.24	13.0
DOC244 SS*	630-6258	CMH20/T-6/G 12 base	1600	0.24	13.0
DOC244	630-6246	CMH39/T-6/G 12 base	3300	0.50	13.0
DOC244 SS*	630-6259	CMH39/T-6/G 12 base	3300	0.50	13.0
DOC244	630-6247	CMH70/T-6/G 12 base	6600	1.00	13.0
DOC244 SS*	630-6260	CMH70/T-6/G 12 base	6600	1.00	13.0
DOC244	630-6248	CMH100/T-6/G 12 base	9500	1.44	13.0
DOC244 SS*	630-6261	CMH100/T-6/G 12 base	9500	1.44	13.0
DOC244	630-6249	CMH150/T-6/G 12 base	14000	2.12	13.0
DOC244 SS*	630-6262	CMH150/T-6/G 12 base	14000	2.12	13.0



[A]

Accessories:
Quartz restrike
for DOC244 697-8004



* Natural stainless steel finish.
** Multiplier for footcandle value.

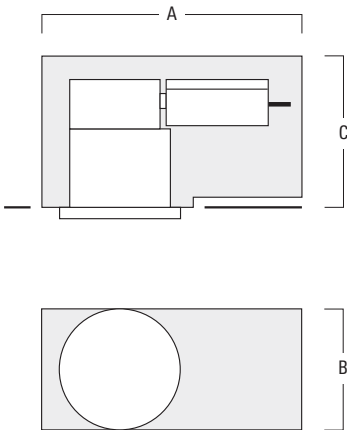
MOUNTING ACCESSORIES – DOC200 SERIES

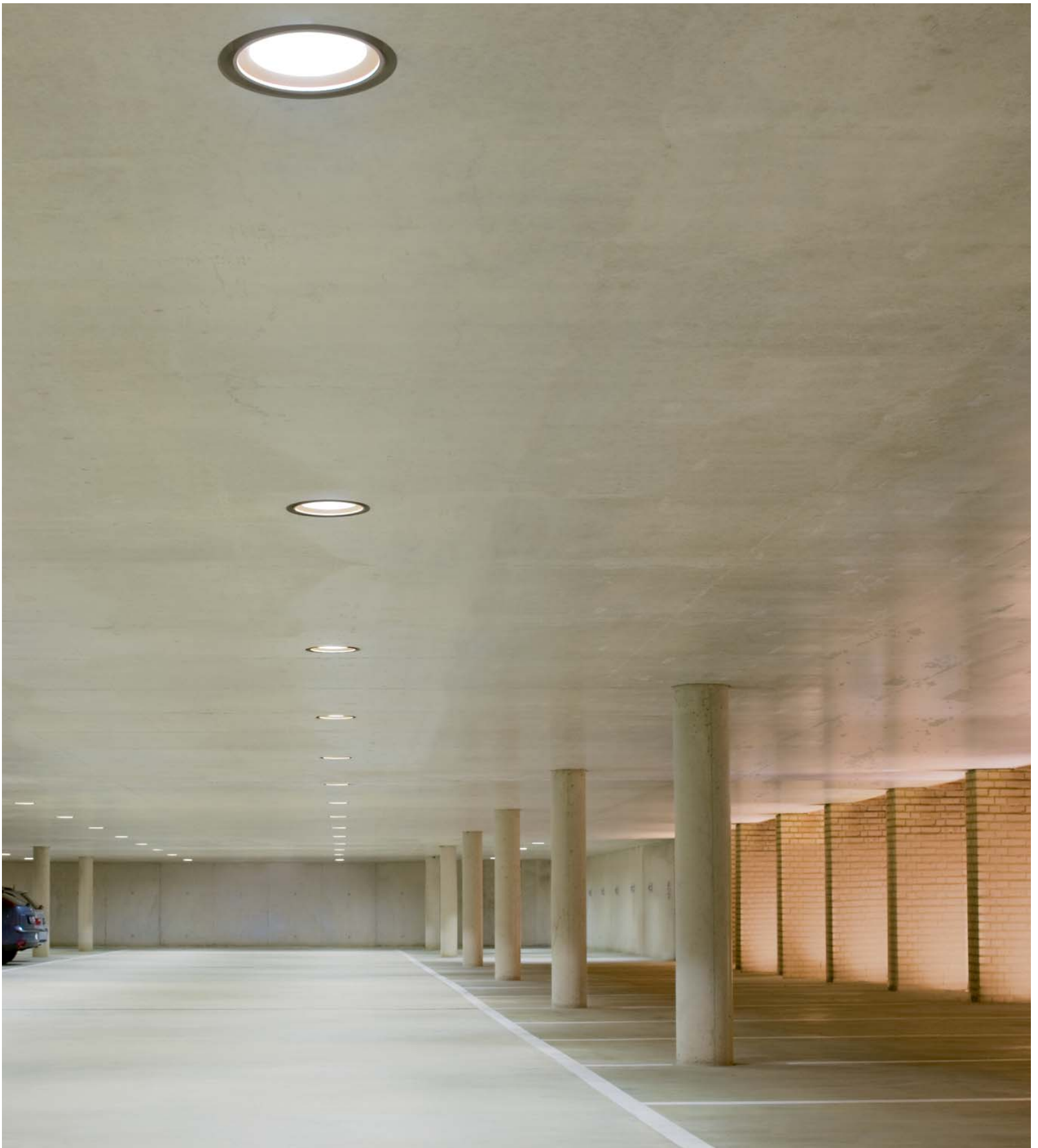
Mounting:

Installation blackout — Luminaire frame proud of surface.

			A	B	C
for DOC220	630-9312	BD022-I	15.08	7.87	8.23
for DOC240/240-GB/244	630-9323	BD024-I	22.44	12.01	11.22

BD022-I
BD024-I





Landtag Vaduz (LI). Architect: Hansjörg Göritz. Lighting design: LichtKunstLicht.

DAC200 SERIES

Surface mounted exterior downlight. IP65. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, grey metallic RAL 9007 or white RAL 9016. Specify finish. Consult WE-EF color chart for other options. Clear tempered glass lens. Frame with safety catch. Silicone rubber gasket. Suitable for installation over a recessed junction box.

Factory-installed LED circuit board. LED boards can be easily removed for upgrading. PMMA LED lens array.

Integral [ECG] electronic 0-10 V dimmable driver in 120 or 277 volt. Specify voltage.

Optional pendant mounting kit available.

Light source:

LED 24-48 W, 3000 K
(for 4000 K, refer to www.we-ef.com)

Beam distributions:

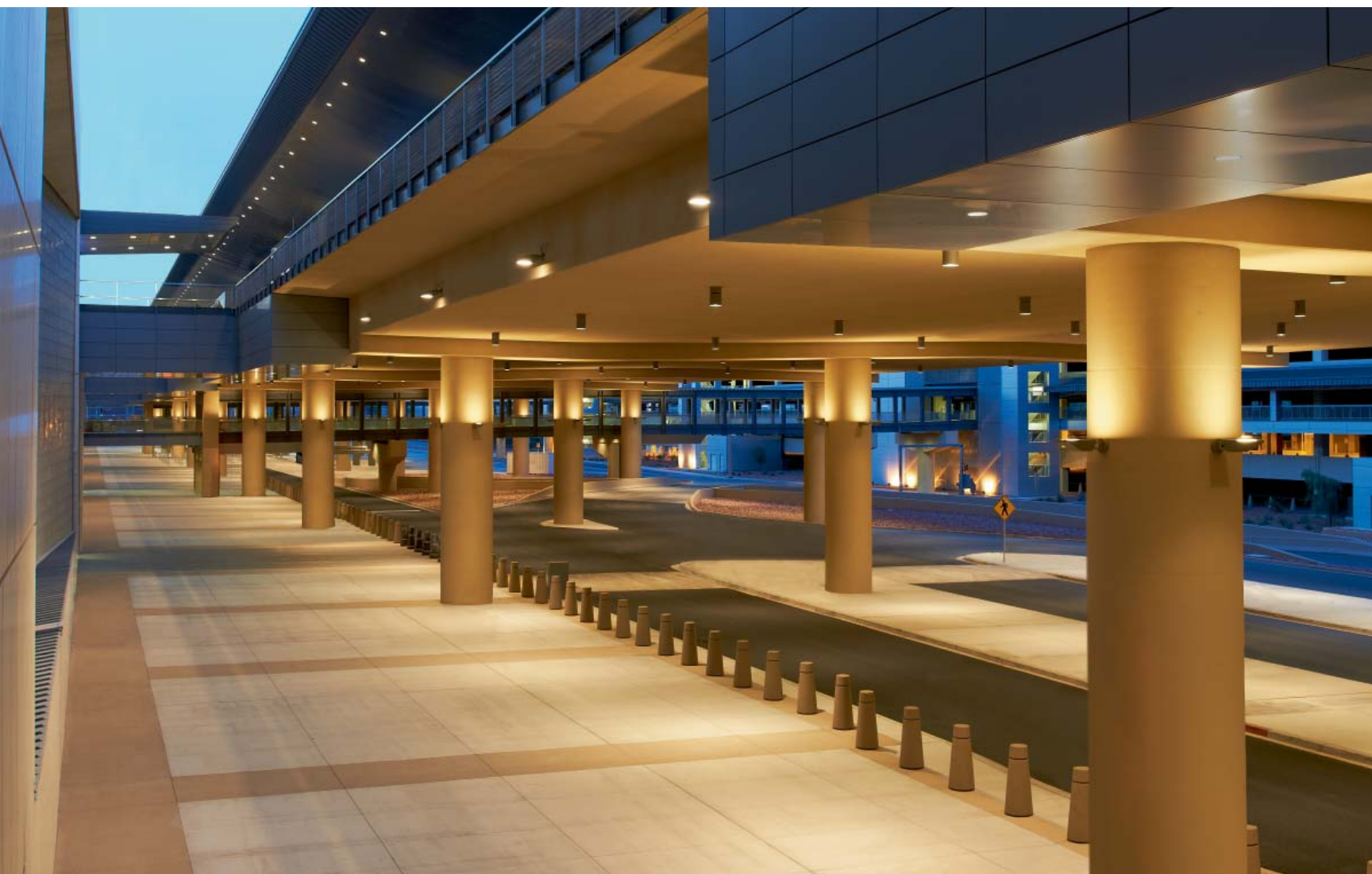
[W] [M] [VN] [VNS]

Accessories:

- Mounting, page 133
- Optical, page 138

UL, cUL:

- Suitable for wet locations



McCarran International Airport, Terminal 3. Las Vegas (USA). Lighting design: Horton Lees Brogden.



[W] [M] [VN] [VNS]

IOS Innovative Optical System:

[W] Symmetric distribution, wide beam

[M] Symmetric distribution, medium beam

[VN] Symmetric distribution, very narrow beam

[VNS] Symmetric distribution, very narrow beam, 'sharp cut-off'



Ordering guide:

Specify 7 digit part ID together with voltage and finish.

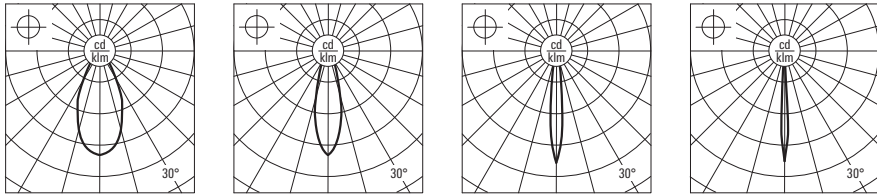
Example: 630-1320 – 120 V – Black RAL 9004

[W]	Part ID	Light source	K	lm*	cd max	Beam	lbs
DAC220	630-1320	12 LED 24W/700 mA	3000	2128	2109	50°	6.4
DAC240	630-2320	24 LED 48W/700 mA	3000	4256	4060	50°	16.8

[M]	Part ID	Light source	K	lm*	cd max	Beam	lbs
DAC220	630-1220	12 LED 24W/700 mA	3000	2128	5631	30°	6.4
DAC240	630-2220	24 LED 48W/700 mA	3000	4256	11176	28°	16.8

[VN]	Part ID	Light source	K	lm*	cd max	Beam	lbs
DAC220	630-1120	12 LED 24W/700 mA	3000	2128	19671	12°	6.4
DAC240	630-2120	24 LED 48W/700 mA	3000	4256	35967	12°	16.8

[VNS]	Part ID	Light source	K	lm*	cd max	Beam	lbs
DAC220	630-1020	12 LED 24W/700 mA	3000	2128	77629	6°	6.4
DAC240	630-2020	24 LED 48W/700 mA	3000	4256	180008	6°	16.8



[W] [M] [VN] [VNS]

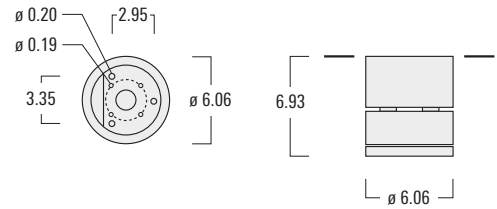
Accessories:

Pendant kit

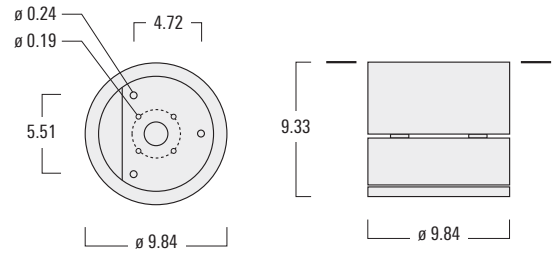
for DAC220 630-9324

for DAC240 630-9325

Stem constructed of steel tubing. Specify length up to 59". Powdercoat finish to match luminaire. Swivel canopy for attachment to recessed junction box.



DAC220



DAC240

* Nominal lumen output based on LED manufacturers data at 85°C T_j. For rated lumens at 25°C T_a and latest data, refer to www.we-ef.com.

DAC200 SERIES

Surface mounted exterior downlight. IP65. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, grey metallic RAL 9007 or white RAL 9016. Specify finish. Consult WE-EF color chart for other options. Anodized aluminum reflector. Clear tempered glass lens. Frame with safety catch. Silicone rubber gasket. Suitable for installation over a recessed junction box.

DAC220: Integral [ECG] electronic MH ballast in 120 or 277.

DAC240: Integral [ECG] electronic MH ballast in 120, 277 or 347 volt.

Specify voltage where applicable.

Optional pendant mounting kit available.

Light source:
CMH 20-150 W

Beam distributions:
[M] [VN]

Accessories:
■ Electrical, page 135
■ Mounting, page 135
■ Optical, page 138

UL, cUL:
■ Suitable for wet locations



Southern Cross Station. Melbourne (AUS). Architect: Grimshaw. Lighting design: David Bird, Vision Design Studio.



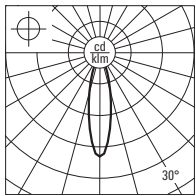
[M] [VN]

IOS Innovative Optical System:
[M] Symmetric distribution, medium beam
[VN] Symmetric distribution, very narrow beam

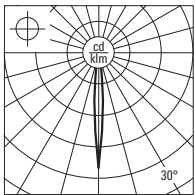
Ordering guide:
Specify 7 digit part ID together with voltage and finish.
Example: 630-1253 – 120 V – Black RAL 9004

[M]	Part ID	Light source	lm	cd max	Beam	lbs
DAC220	630-1253	CMH20/T-4/G-8.5 base	1650	3539	24°	8.0
	630-1254	CMH39/T-4/G-8.5 base	3400	4899	36°	8.0
DAC240	630-2254	CMH70/T-6/G-12 base	6600	10844	40°	20.0
	630-2255	CMH100/T-6/G-12 base	9500	12901	38°	20.0
	630-2256	CMH150/T-6/G-12 base	14000	17920	46°	20.0

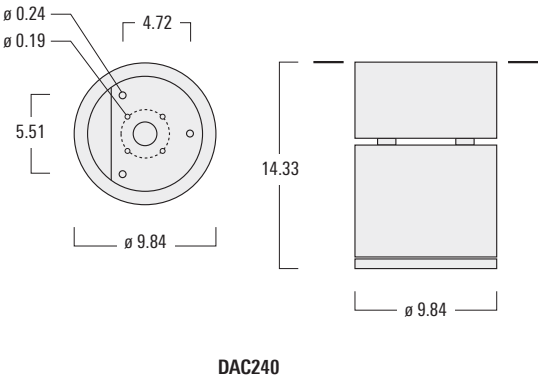
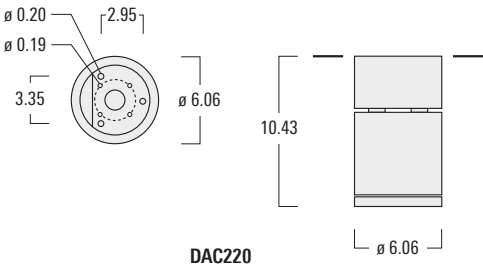
[VN]	Part ID	Light source	lm	cd max	Beam	lbs
DAC220	630-1153	CMH20/T-4/G-8.5 base	1650	16903	8°	8.0
	630-1154	CMH39/T-4/G-8.5 base	3400	38128	8°	8.0
DAC240	630-2155	CMH70/T-6/G-12 base	6600	197531	6°	20.0
	630-2156	CMH100/T-6/G-12 base	9500	216619	4°	20.0
	630-2157	CMH150/T-6/G-12 base	14000	262528	8°	20.0



[M]



[VN]



Accessories:

Quartz restrike	
for DAC240	697-8004

Pendant kit

for DAC220	630-9324
for DAC240	630-9325

Stem constructed of steel tubing. Specify length up to 59". Powdercoat finish to match luminaire. Swivel canopy for attachment to recessed junction box.

DAC200 SERIES

Surface mounted exterior downlight. IP65. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, grey metallic RAL 9007 or white RAL 9016. Specify finish. Consult WE-EF color chart for other options. Anodized aluminum reflector. Clear tempered glass lens. Frame with safety catch. Silicone rubber gasket. Suitable for installation over a recessed junction box.

Integral [ECG] electronic MH ballast in 120, 277 or 347 volt. Specify voltage.

Optional pendant mounting kit available.

Light source:
CMH 20-150 W

Beam distribution:
[A]

Accessories:
■ Electrical, page 137
■ Mounting, page 137

UL, cUL:
■ Suitable for wet locations



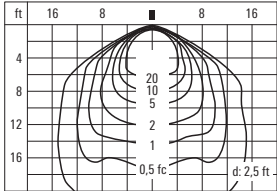
Quartier Libre. Pau (F). Lighting design: Christophe Barerac, Groupe Casino.



IOS Innovative Optical Systems:
[A] Asymmetric distribution, wallwash

Ordering guide:
Specify 7 digit part ID together with voltage and finish.
Example: 630-3255 – 120 V – Black RAL 9004

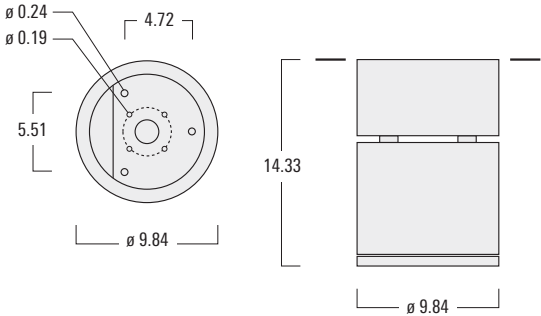
[A]	Part ID	Light source	lm	Factor*	lbs
DAC244	630-3255	CMH20/T-6/G-12 base	1600	0.24	20.0
	630-3256	CMH39/T-6/G-12 base	3300	0.50	20.0
	630-3257	CMH70/T-6/G-12 base	6600	1.00	20.0
	630-3258	CMH100/T-6/G-12 base	9500	1.44	20.0
	630-3259	CMH150/T-6/G-12 base	14000	2.12	20.0



[A]

Accessories:
Quartz restrike
for DAC244 697-8004

Pendant kit
for DAC244 630-9325
Stem constructed of steel tubing. Specify length up to 59". Powdercoat finish to match luminaire. Swivel canopy for attachment to recessed junction box.



OPTICAL ACCESSORIES – DOC200/DOC200-GB/DAC200 SERIES

Gimbal and Fixed Optics LED

One internal optical accessory such as flood or spread lens, or louver.

Flood lens IO-360

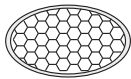
for DOC220*/DAC220 LED	630-8129
for DOC240/DAC240 LED	630-8149
for DOC240-GB LED	630-8148

Linear spread lens IO-180

for DOC220*/DAC220 LED	630-8128
for DOC240/DAC240 LED	630-8138
for DOC240-GB LED	611-8038

Honeycomb louver IW**

for DOC220*/DAC220 LED	630-8212
for DOC240/DAC240 LED	630-8222
for DOC240-GB LED	630-8223



Honeycomb louver IW



Flood lens IO-360



Linear spread lens IO-180

Medium beam



with IO-360



Medium beam



with IO-180



Gimbal and Fixed Optics HID

DOC220/DOC240/DAC220/DAC240: One internal optical accessory such as flood or spread lens, color filter, or source shield.

DOC240-GB: A maximum of two internal optical accessories such as flood or spread lens, color filter, or source shield.

Flood lens IO-360

for DOC220/DAC220	630-8127
for DOC240/DAC240	630-8137
for DOC240-GB	630-8147

Linear spread lens IO-180

for DOC220/DAC220	630-8126
for DOC240/DAC240	630-8136
for DOC240-GB	630-8146

Dichroic color filter IF

	Red	Green	Blue	Yellow
for DOC220/DAC220	630-8111	630-8112	630-8113	630-8114
for DOC240/DAC240	630-8121	630-8122	630-8123	630-8124
for DOC240-GB	630-8141	630-8142	630-8143	630-8144

Source shield IQ

for DOC220/DAC220	630-8210
for DOC240/DAC240	630-8220
for DOC240-GB	630-8221



Color filter IF red



Color filter IF green



Color filter IF blue



Color filter IF yellow



Source shield IQ



Royal Bank of Scotland. Edinburgh (UK). Architect: Michael Laird/RHWL Joint Venture Landscape Architects – EDAW. Lighting design: Kevin Shaw Lighting Design.