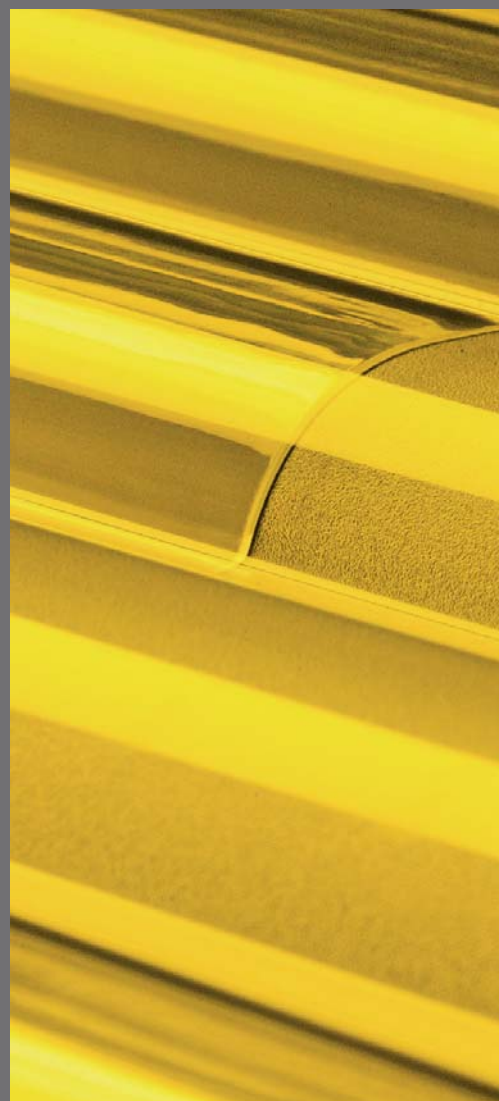
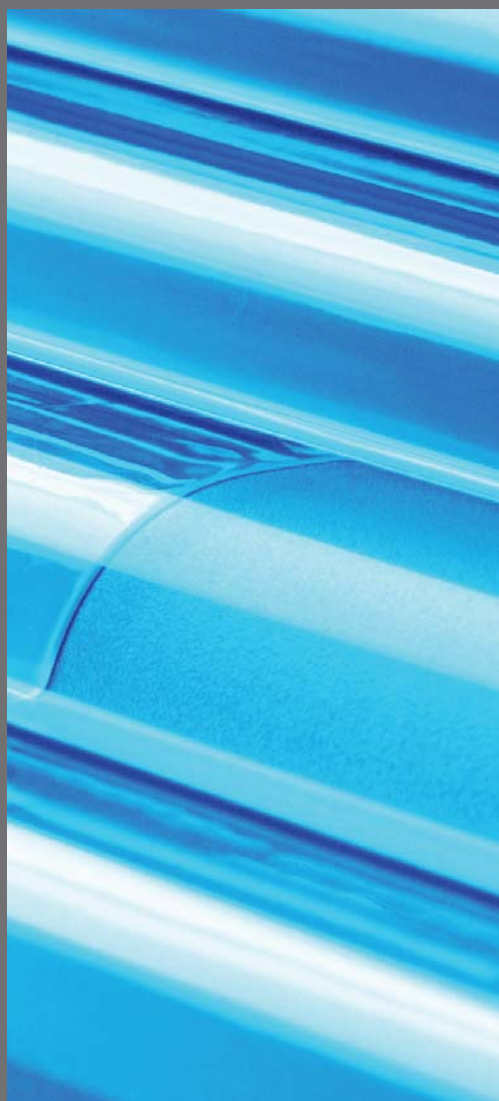
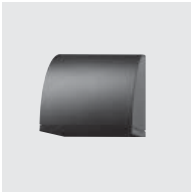


we-ef

WE-EF LIGHTING
North American Edition
2014-2016

Wall Luminaires Surface Mounted





UDN300 Series

QLS400 Series

VLS400 Series

OLV300 Series

FLC100 Series

FLC100 Series

Accessories
FLC100 Series

74-75
UDN320
UDN330
HID

76-77
QLS410
QLS420
LED

78-79
VLS410
LED

80-83
OLV330
OLV340
OLV334
OLV344
LED

84-87
OLV330
OLV340
HID

88-89
FLC122
FLC142
LED

90-91
FLC122
FLC132
FLC142
HID

92
Optical accessories
LED

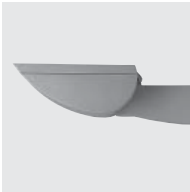
93
Optical accessories
HID

WALL LUMINAIRES SURFACE MOUNTED



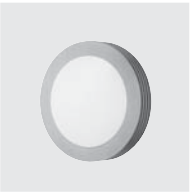
PIA200 Series

- 94-97
- PIA230
- PIA240
- PIA260
- HID



FLA400 Series

- 98-101
- FLA441
- FLA461
- HID



XL0200 Series

- 102-103
- XL0229
- XL0239
- LED



DL0200 Series
DLG200 Series

- 104-105
- DL0229
- DL0239
- DLG229
- DLG239
- LED



DLS200 Series
DLB200 Series

- 106-107
- DLS229
- DLS239
- DLB229
- DLB239
- LED



QL0200 Series

- 108-109
- QL0229
- QL0239
- LED



ALA300 Series

- 110-111
- ALA350
- LED

UDN300 SERIES

Surface mounted wall luminaire. IP66. Body and lens frame constructed from marine-grade, die-cast aluminum 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 over 4" recessed junction box.

Integral [ECG] CMH ballast in 120 or 277 volt. Specify voltage.

Light source:
CMH 20-70 W

Beam distributions:
[P/P] [P/O] [P/M] [M/M]

Accessories:
■ Optical, page 75

UL, cUL:
■ Suitable for wet locations



Stadthaus. Munster (D).



[P/P] [P/O] [P/M] [M/M]

IOS Innovative Optical System:

[P/P] Precision beam up and down

[P/O] Precision beam up and 'sharp cut-off' down

[P/M] Precision beam up and medium beam down

[M/M] Medium beam up and down



Ordering guide:

Specify 7 digit part ID together with voltage and finish.

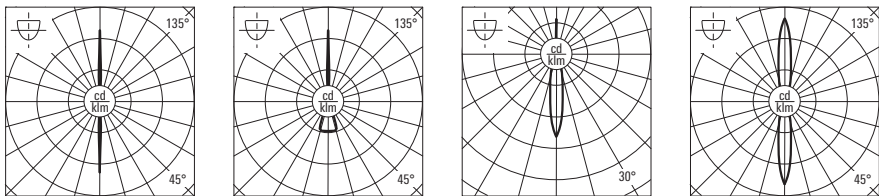
Example: **627-1150 – 120 V – Black RAL 9004**

[P/P]	Part ID	Light source	lm	Beam up/down	cd max up/down	lbs
UDN320	627-1150	CMH20/T-4/G-8.5 base	1650	4°/4°	371/371	10.0
UDN330	627-2151	CMH39/T-4/G-8.5 base	3400	4°/4°	765/765	12.0
	627-2152	CMH70/T-4/G-8.5 base	6200	4°/4°	1209/1209	12.0

[P/O]	Part ID	Light source	lm	Beam up/down	cd max up/down	lbs
UDN320	627-1250	CMH20/T-4/G-8.5 base	1650	4°/42°	371/164	10.0
UDN330	627-2251	CMH39/T-4/G-8.5 base	3400	4°/42°	765/338	12.0
	627-2252	CMH70/T-4/G-8.5 base	6200	4°/42°	1209/639	12.0

[P/M]	Part ID	Light source	lm	Beam up/down	cd max up/down	lbs
UDN330	627-1310	CMH39/T-4/G-8.5 base	3400	4°/18°	765/2676	12.0
	627-1350	CMH70/T-4/G-8.5 base	6200	4°/14°	1209/6591	12.0

[M/M]	Part ID	Light source	lm	Beam up/down	cd max up/down	lbs
UDN320	627-1452	CMH20/T-4/G-8.5 base	1650	18°/18°	1299/1299	10.0
UDN330	627-2551	CMH39/T-4/G-8.5 base	3400	18°/18°	2676/2676	12.0
	627-2552	CMH70/T-4/G-8.5 base	6200	14°/14°	6591/6591	12.0



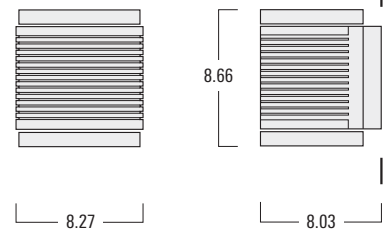
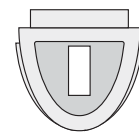
[P/P] [P/O] [P/M] [M/M]

Accessories:

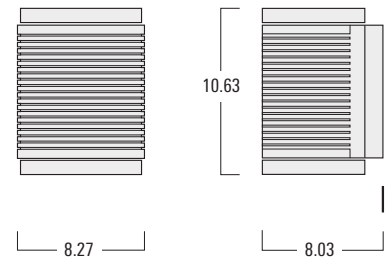
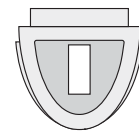
Color filter IF*	Red	Green	Blue	Yellow
for UDN320/330	627-8111	627-8112	627-8113	627-8114

Conversion filter IK**

for UDN320/330	627-8115
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UDN320



UDN330

* One color filter required for each direction.

** For color correction of horizontally mounted ceramic metal halide lamp (optional for beam up only).

QLS400 SERIES

Surface mounted wall luminaire. IP66. Marine-grade, all-aluminum construction 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. Tempered glass lens. Silicone rubber gasket. Suitable for installation over 4" recessed junction box.

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

Integral [ECG] electronic LED driver in 120 or 277 volt. Specify voltage.

Luminaire can be mounted as an uplight or downlight.

Light source:
LED 6-24 W, 3000 K
(for 4000 K, refer to www.we-ef.com)

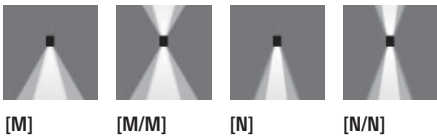
Beam distributions:
[M] [M/M] [N] [N/N]

Accessories:
■ Optical, page 77

UL, cUL:
■ Suitable for wet locations

ADA compliant.





IOS Innovative Optical System:
[M] Medium beam
[M/M] Medium beam up and down
[N] Narrow beam
[N/N] Narrow beam up and down

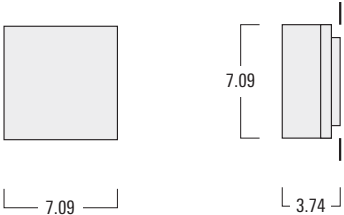
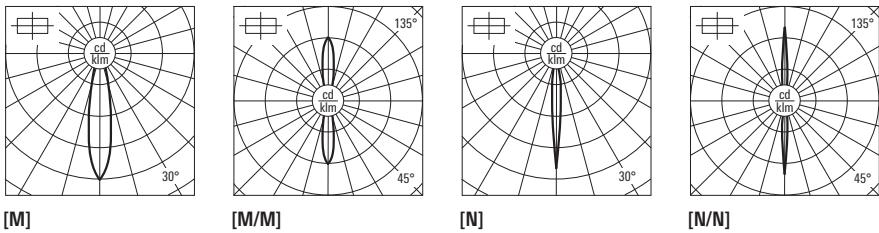
Ordering guide:
Specify 7 digit part ID together with voltage and finish.
Example: **620-2520 – 120 V – Black RAL 9004**

[M]	Part ID	Light source	K	lm*	Beam	cd max	lbs
QLS410	620-2520	3 LED 6W/700 mA	3000	691	20°	2218	7.5
QLS420	620-3520	6 LED 12W/700 mA	3000	1064	20°	3415	15.0

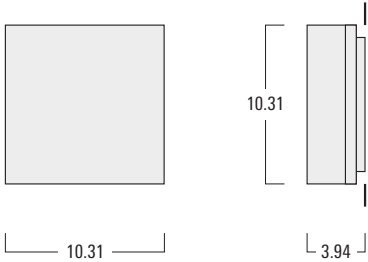
[M/M]	Part ID	Light source	K	lm*	Beam up/down	cd max up/down	lbs
QLS410	620-2522	6 LED 12W/700 mA	3000	2 x 691	20°/20°	2218/2218	7.5
QLS420	620-3522	12 LED 24W/700 mA	3000	2 x 1064	20°/20°	3415/3415	15.0

[N]	Part ID	Light source	K	lm*	Beam	cd max	lbs
QLS410	620-2120	3 LED 6W/700 mA	3000	691	8°	7062	7.5
QLS420	620-3120	6 LED 12W/700 mA	3000	1064	8°	10874	15.0

[N/N]	Part ID	Light source	K	lm*	Beam up/down	cd max up/down	lbs
QLS410	620-2122	6 LED 12W/700 mA	3000	2 x 691	8°/8°	7062/7062	7.5
QLS420	620-3122	12 LED 24W/700 mA	3000	2 x 1064	8°/8°	10874/10874	15.0



QLS410



QLS420

Accessories:				
Color filter IF**	Red	Green	Blue	Yellow
for QLS410	620-8121	620-8122	620-8123	620-8124
for QLS420	620-8131	620-8132	620-8133	620-8134

* 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.
** One color filter required for each direction.

VLS400 SERIES

Surface mounted wall luminaire. IP66. Marine-grade, all-aluminum construction 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. Tempered glass lens. Silicone rubber gasket. Suitable for installation over 4" recessed junction box.

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

Integral [ECG] electronic LED driver in 120 or 277 volt. Specify voltage.

Luminaire can be mounted as an uplight or downlight.

Light source:

LED 6-12 W, 3000 K

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

Beam distributions:

[M] [M/M] [N] [N/N]

Accessories:

■ Mounting, page 79

■ Optical, page 79

UL, cUL:

■ Suitable for wet locations



Riverside Green, Queensland (AUS).



[M] [M/M] [N] [N/N]

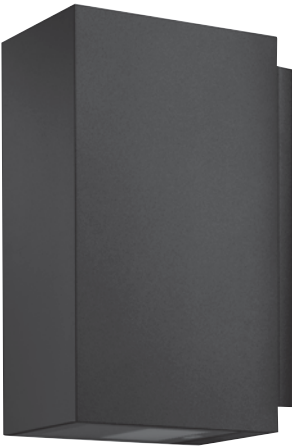
IOS Innovative Optical System:

[M] Medium beam

[M/M] Medium beam up and down

[N] Narrow beam

[N/N] Narrow beam up and down

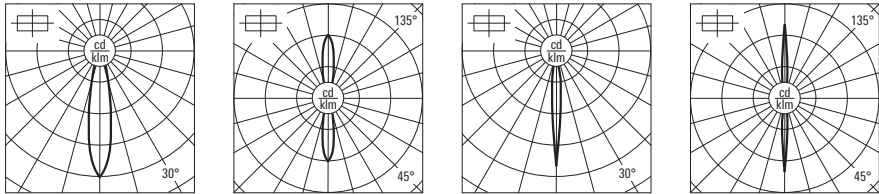
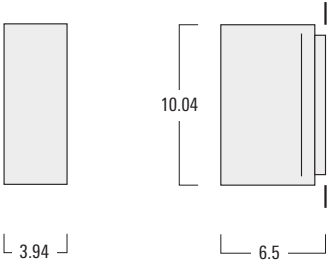


Ordering guide:

Specify 7 digit part ID together with voltage and finish.

Example: **620-4221 – 120 V – Black RAL 9004**

[M]	Part ID	Light source	K	lm*	Beam	cd max	lbs
VLS410	620-4221	3 LED 6W/700 mA	3000	691	20°	2218	7.5
[M/M]	Part ID	Light source	K	lm*	Beam up/down	cd max up/down	lbs
VLS410	620-4223	6 LED 12W/700 mA	3000	2 x 691	20°/20°	2218/2218	7.7
[N]	Part ID	Light source	K	lm*	Beam	cd max	lbs
VLS410	620-4120	3 LED 6W/700 mA	3000	691	8°	7062	7.5
[N/N]	Part ID	Light source	K	lm*	Beam up/down	cd max up/down	lbs
VLS410	620-4122	6 LED 12W/700 mA	3000	2 x 691	8°/8°	7062/7062	7.7



[M] [M/M] [N] [N/N]

Accessories:

Color filter IF**	Red	Green	Blue	Yellow
for VLS410	620-8141	620-8142	620-8143	620-8144

Column fitter – Mounting plate for installing on columns > 5 1/2" diameter.

for VLS410	620-9341
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* 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.

** One color filter required for each direction.

OLV300 SERIES

Surface mounted wall luminaire. IP65. Body and lens frame constructed of marine-grade, die-cast aluminum 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. Silicon rubber gasket. Suitable for installation over 4" recessed junction box.

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

Integral [ECG] electronic LED driver in 120 or 277 volt. Specify voltage.

Luminaire can be mounted as an uplight or downlight.

Light source:

LED 12-48 W, 3000 K

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

Beam distributions:

[M] [VNS] [S70] [R65] [A60]

Accessories:

■ Mounting, page 81-82

UL, cUL:

■ Suitable for wet locations



Le Meridien. New Delhi (IN). Architect and lighting design: Bobby Mukherjee & Associates.



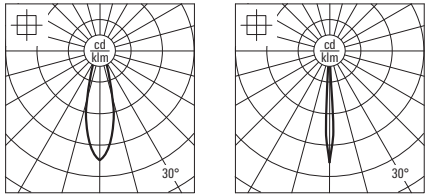
[M] [VNS]

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

Ordering guide:
Specify 7 digit part ID together with voltage and finish.
Example: 622-6220 – 120 V – Black RAL 9004

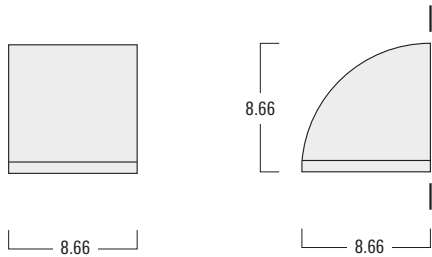
[M]	Part ID	Light source	K	lm*	cd max	Beam	lbs
OLV330	622-6220	12 LED 12W/350 mA	3000	1242	3450	30°	14.6
	622-6222	12 LED 18W/500 mA	3000	1656	4382	30°	14.6
OLV340	622-7220	24 LED 24W/350 mA	3000	2484	6848	28°	25.1
	622-7222	24 LED 36W/500 mA	3000	3312	8697	28°	25.1

[VNS]	Part ID	Light source	K	lm*	cd max	Beam	lbs
OLV330	622-6320	12 LED 12W/350 mA	3000	1242	47574	6°	14.6
	622-6322	12 LED 18W/500 mA	3000	1656	60411	6°	14.6
OLV340	622-7320	24 LED 24W/350 mA	3000	2484	110312	6°	25.1
	622-7322	24 LED 36W/500 mA	3000	3312	140081	6°	25.1

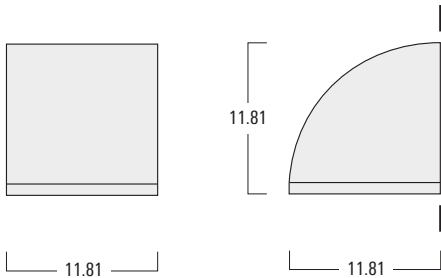


[M] [VNS]

Accessories:
Surface collar – To match luminaire housing. Surface j-box and conduit by others.
for OLV330 622-9321
for OLV340 622-9330



OLV330



OLV340

* 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.



[S70]

[R65]

[A60]

IOS Innovative Optical System:

[S70] Type II 'side throw' streetlighting distribution.

[R65] Type IV rectangular 'forward throw' distribution

[A60] Type IV asymmetric 'forward throw' distribution.

Ordering guide:

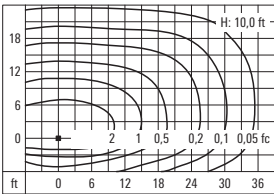
Specify 7 digit part ID together with voltage and finish.

Example: **622-6520 – 120 V – Black RAL 9004**

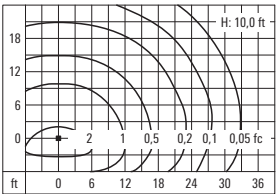
[S70]	Part ID	Light source	K	lm*	Factor**	lbs
OLV334	622-6520	12 LED 12W/350 mA	3000	1512	1.00	14.6
	622-6522	12 LED 24W/700 mA	3000	2765	1.74	14.6
OLV344	622-7520	24 LED 24W/350 mA	3000	3024	2.00	25.1
	622-7522	24 LED 48W/700 mA	3000	5530	3.47	25.1

[R65]	Part ID	Light source	K	lm*	Factor**	lbs
OLV334	622-6720	12 LED 12W/350 mA	3000	1512	1.00	14.6
	622-6722	12 LED 24W/700 mA	3000	2765	1.74	14.6
OLV344	622-7720	24 LED 24W/350 mA	3000	3024	2.00	25.1
	622-7722	24 LED 48W/700 mA	3000	5530	3.47	25.1

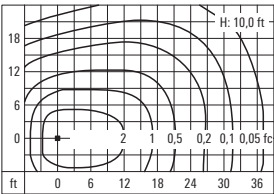
[A60]	Part ID	Light source	K	lm*	Factor**	lbs
OLV334	622-6020	12 LED 12W/350 mA	3000	1512	1.00	14.6
	622-6022	12 LED 24W/700 mA	3000	2765	1.74	14.6
OLV344	622-7020	24 LED 24W/350 mA	3000	3024	2.00	25.1
	622-7022	24 LED 48W/700 mA	3000	5530	3.47	25.1



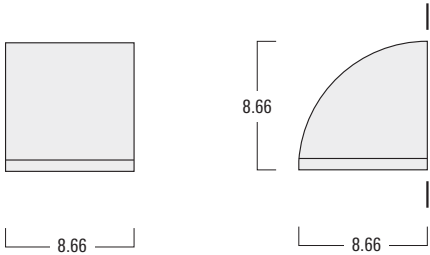
[S70]



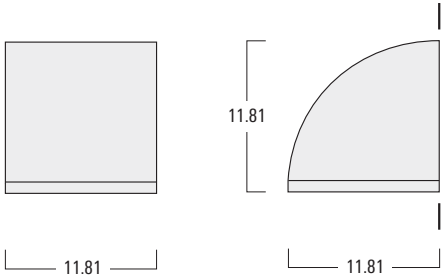
[R65]



[A60]



OLV334



OLV344

Accessories:

Surface collar – To match luminaire housing. Surface j-box and conduit by others.

for OLV334 **622-9321**

for OLV344 **622-9330**

* 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.

** Multiplier for footcandle value.



Christchurch Convention Centre. Christchurch (NZ). Architect: Warren & Mahoney. Lighting design: Beca Carter, Hollings & Ferner.

OLV300 SERIES

Surface mounted wall luminaire. IP65. Body and lens frame constructed of marine-grade, die-cast aluminum 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. Anodized aluminum reflector. Silicone rubber gasket. Suitable for installation over 4" recessed junction box.

Integral [ECG] electronic CMH ballast in 120, 277 or 340 volt. Specify voltage.

Luminaire can be mounted as an uplight or downlight.

Light source:
CMH 39-150 W

Beam distributions:
[M] [VN] [S] [A]

Accessories:
■ Electrical, page 85-86
■ Mounting, page 85-86

UL, cUL:
■ Suitable for wet locations



Noltemeyerbrücke Noltemeyer Bridge. Hannover (D).



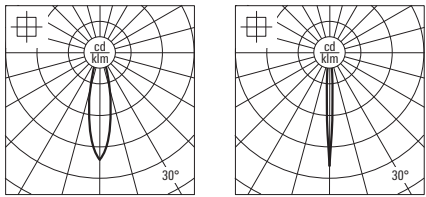
[M] [VN]

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: 622-6251 – 120 V – Black RAL 9004

[M]	Part ID	Light source	lm	cd max	Beam	lbs
OLV330	622-6251	CMH39/T-6/G-12 base	3300	7306	24°	13.0
	622-6252	CMH70/T-6/G-12 base	6600	13504	26°	13.0
OLV340	622-7251	CMH70/T-6/G-12 base	6600	10844	40°	20.0
	622-7253	CMH100/T-6/G-12 base	9500	11619	44°	20.0
	622-7252	CMH150/T-6/G-12 base	14000	17920	46°	20.0

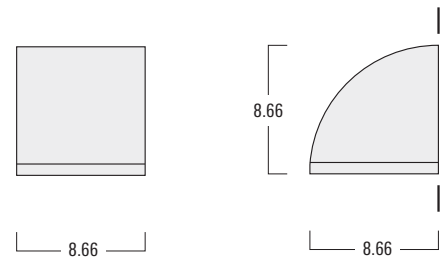
[VN]	Part ID	Light source	lm	cd max	Beam	lbs
OLV330	622-6451	CMH39/T-6/G-12 base	3300	66373	6°	13.0
	622-6452	CMH70/T-6/G-12 base	6600	89278	8°	13.0
OLV340	622-7451	CMH70/T-6/G-12 base	6600	197531	6°	20.0
	622-7453	CMH100/T-6/G-12 base	9500	216619	4°	20.0
	622-7452	CMH150/T-6/G-12 base	14000	262528	8°	20.0



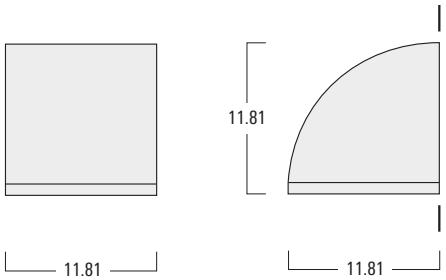
[M] [VN]

Accessories:
Button type photocell – Installed inside of luminaire housing. Specify.
for OLV330/340 697-8005

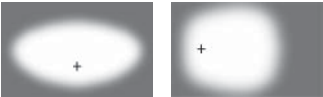
Surface collar – To match luminaire housing. Surface j-box and conduit by others.
for OLV330 622-9321
for OLV340 622-9330



OLV330



OLV340



[S]

[A]

IOS Innovative Optical System:

[S] Type III 'side throw' distribution

[A] Type IV 'forward throw' distribution

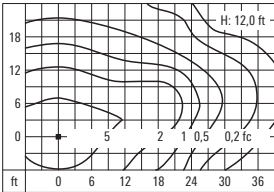
Ordering guide:

Specify 7 digit part ID together with voltage and finish.

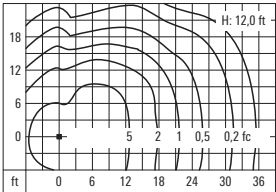
Example: **622-6551 – 120 V – Black RAL 9004**

[S]	Part ID	Light source	lm	Factor*	lbs
OLV330	622-6551	CMH39/T-6/G-12 base	3300	0.50	13.0
	622-6552	CMH70/T-6/G-12 base	6600	1.00	13.0
OLV340	622-7551	CMH70/T-6/G-12 base	6600	1.00	20.0
	622-7553	CMH100/T-6/G-12 base	9500	1.44	20.0
	622-7552	CMH150/T-6/G-12 base	14000	2.12	20.0

[A]	Part ID	Light source	lm	Factor*	lbs
OLV330	622-6050	CMH39/T-6/G-12 base	3300	0.57	13.0
	622-6051	CMH70/T-6/G-12 base	6600	1.14	13.0
OLV340	622-7041	CMH70/ED17 coated/medium base	5800	1.00	20.0
	622-7042	CMH100/ED17 coated/medium base	8800	1.52	20.0
	622-7043	CMH150/ED17 coated/medium base	12500	2.16	20.0



[S]



[A]

Accessories:

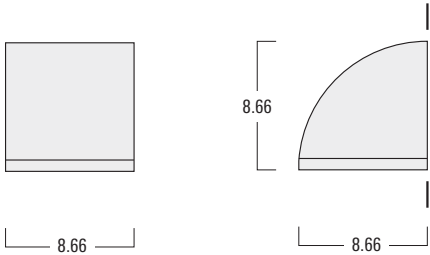
Button type photocell – Installed inside of luminaire housing. Specify.

for OLV330/340 **697-8005**

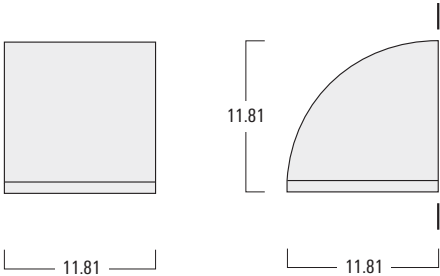
Surface collar – To match luminaire housing. Surface j-box and conduit by others.

for OLV330 **622-9321**

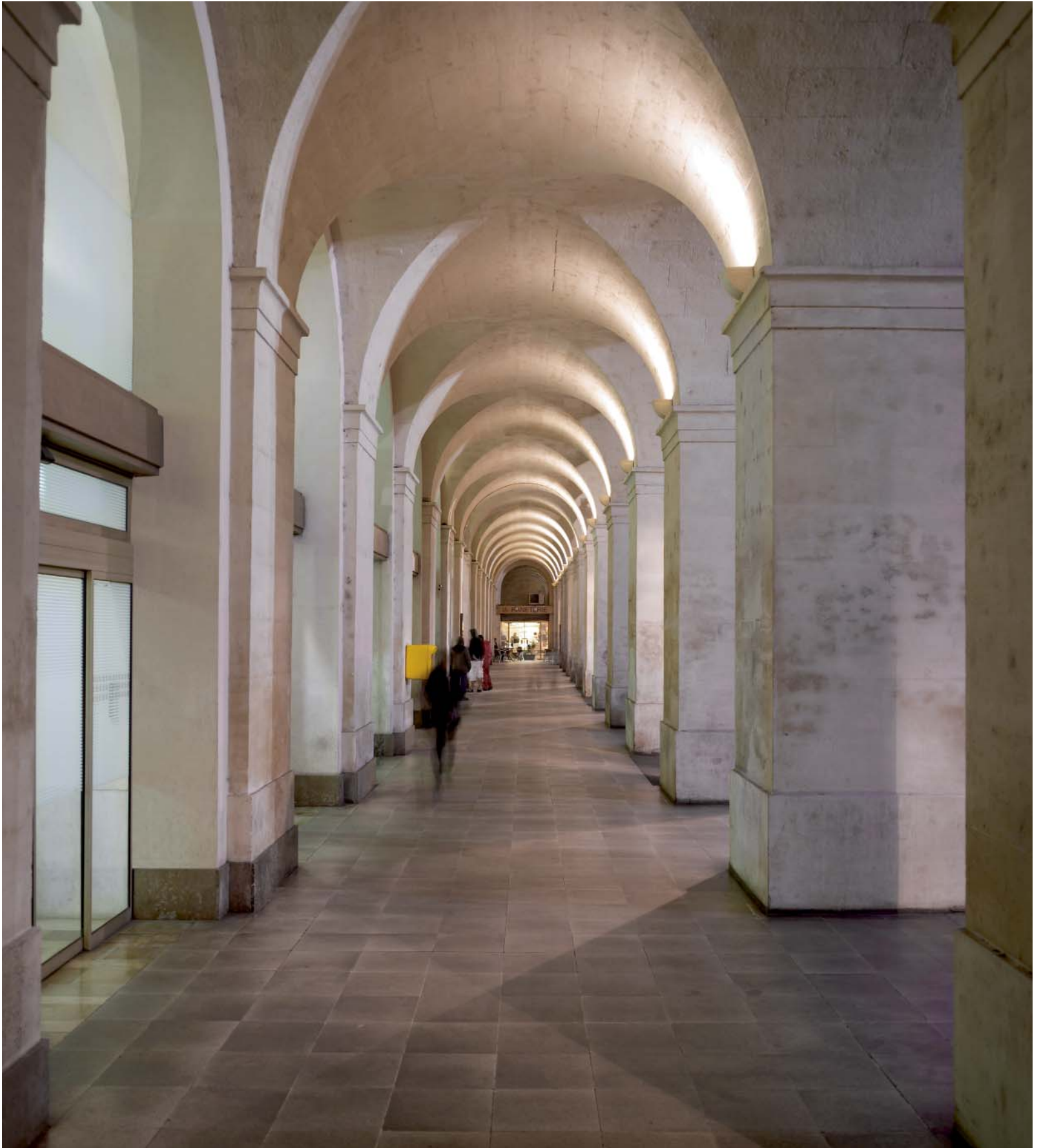
for OLV340 **622-9330**



OLV330



OLV340



Gare de Nîmes (F). Lighting design: LEA.

FLC100 SERIES

Surface mounted wall luminaire. IP55. Body and lens frame constructed of marine-grade, die-cast aluminum 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 over 4" recessed junction box.

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

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

Luminaire can be mounted as an uplight or downlight.

Light source:

LED 12-36 W, 3000 K

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

Beam distributions:

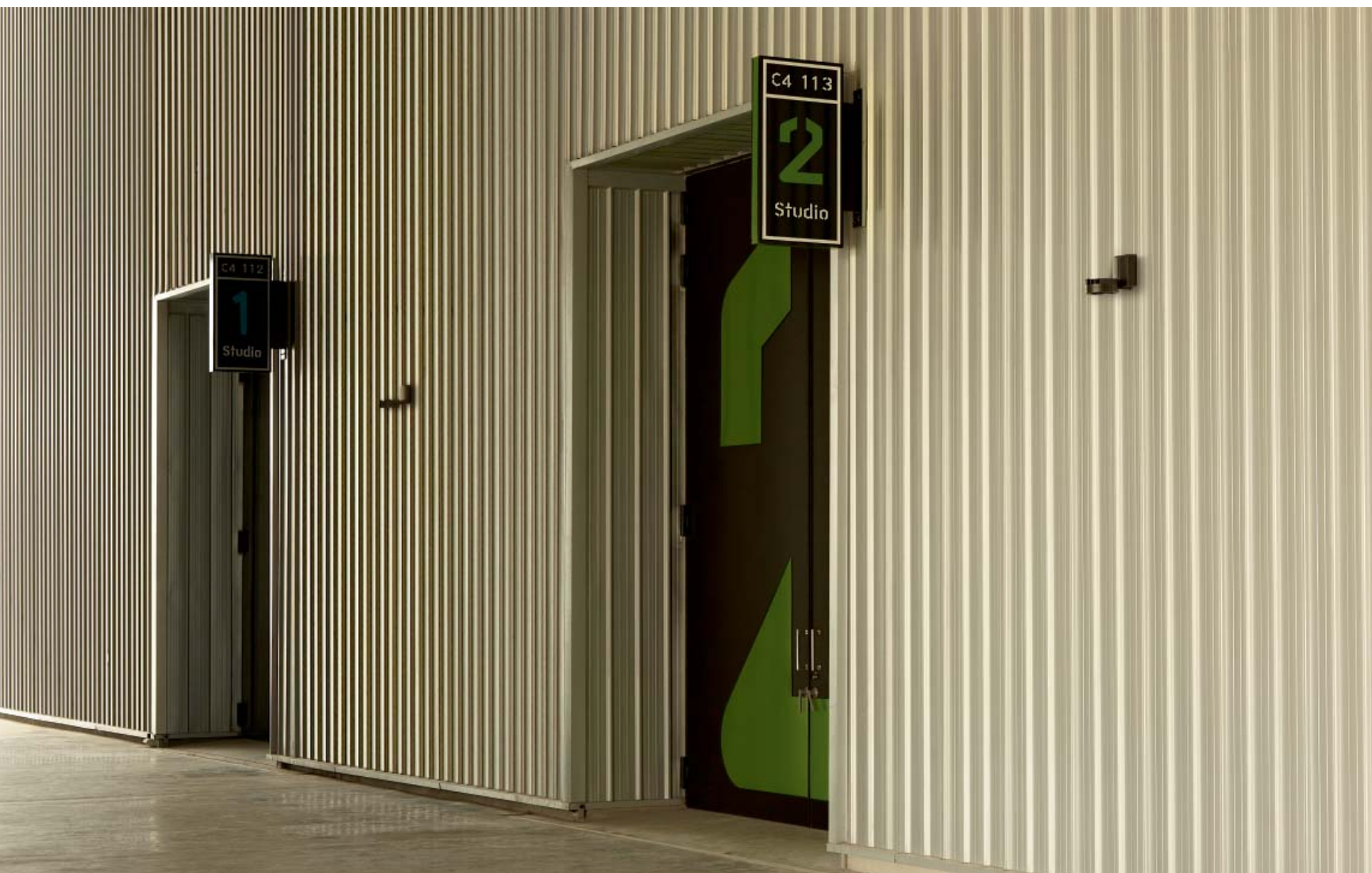
[W] [M] [VN] [VNS]

Accessories:

■ Optical, page 92

UL, cUL:

■ Suitable for wet locations





[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.

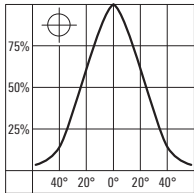
Example: **663-2621 – 120 V – Black RAL 9004**

[W]	Part ID	Light source	K	lm*	cd max	Beam	lbs
FLC122	663-2621	6 LED 12W/700 mA	3000	1064	1015	50°	3.5
FLC142	663-4621	24 LED 36W/500 mA	3000	3312	3160	50°	9.5

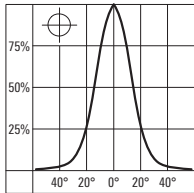
[M]	Part ID	Light source	K	lm*	cd max	Beam	lbs
FLC122	663-2221	6 LED 12W/700 mA	3000	1064	2794	28°	3.5
FLC142	663-4221	24 LED 36W/500 mA	3000	3312	8697	28°	9.5

[VN]	Part ID	Light source	K	lm*	cd max	Beam	lbs
FLC122	663-2321	6 LED 12W/700 mA	3000	1064	8992	12°	3.5
FLC142	663-4321	24 LED 36W/500 mA	3000	3312	27990	12°	9.5

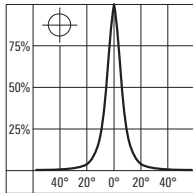
[VNS]	Part ID	Light source	K	lm*	cd max	Beam	lbs
FLC122	663-2421	6 LED 12W/700 mA	3000	1064	45002	6°	3.5
FLC142	663-4421	24 LED 36W/500 mA	3000	3312	140081	6°	9.5



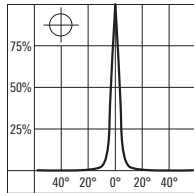
[W]



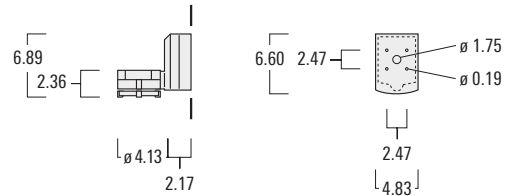
[M]



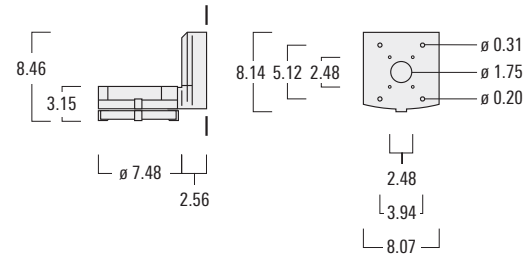
[VN]



[VNS]



FLC122



FLC142

* 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.

FLC100 SERIES

Surface mounted wall luminaire. IP55. Body and lens frame constructed of marine-grade, die-cast aluminum 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. Anodized aluminum reflector. Silicone rubber gasket. Suitable for installation over 4" recessed junction box.

FLC122: Integral [ECG] electronic MH ballast 120 or 277 volt.

FLC132/142: Integral [ECG] electronic MH ballast in 120, 277 or 347 volt.

Specify voltage where applicable.

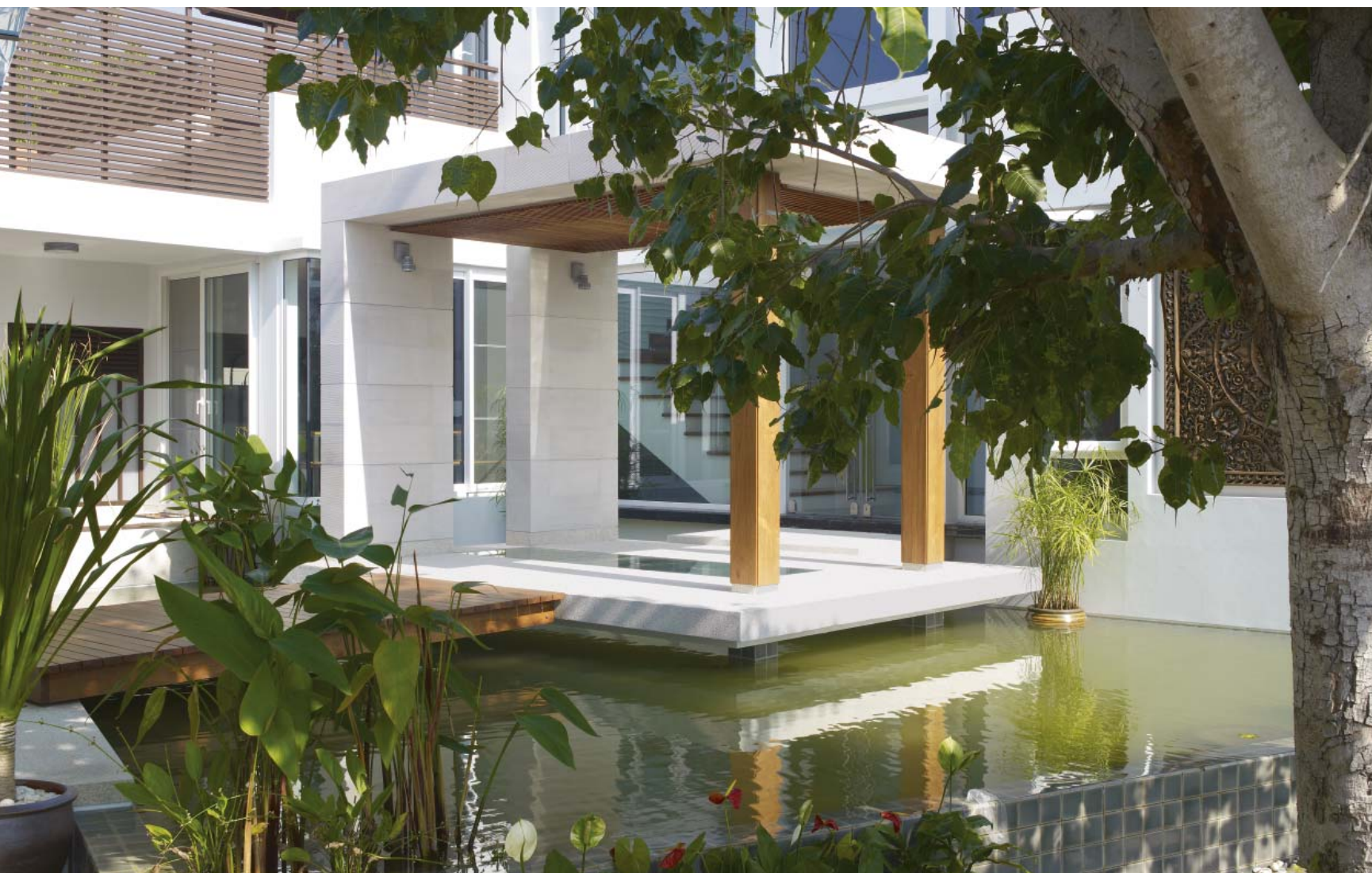
Luminaire can be mounted as an uplight or downlight.

Light source:
CMH 22-150 W

Beam distributions:
[W] [M] [VN]

Accessories:
■ Optical, page 93

UL, cUL:
■ Suitable for wet locations





[W] [M] [VN]

IOS Innovative Optical System:

[W] Symmetric distribution, wide beam

[M] Symmetric distribution, medium beam

[VN] Symmetric distribution, very narrow beam

Ordering guide:

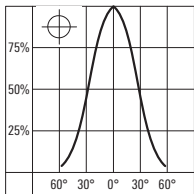
Specify 7 digit part ID together with voltage and finish.

Example: **663-2640 – 120 V – Black RAL 9004**

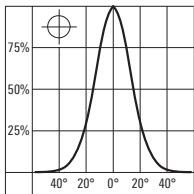
[W]	Part ID	Light source	lm	cd max	Beam	lbs
FLC122	663-2640	CMH22/T-3.5/PGJ-5 base	1650	832	60°	4.0
	663-2641	CMH39/T-3.5/PGJ-5 base	3000	1434	60°	4.0
FLC132	663-3650	CMH39/T-6/G-12 base	3300	2511	56°	8.0
	663-3651	CMH70/T-6/G-12 base	6600	4990	56°	8.0
FLC142	663-4650	CMH70/T-6/G-12 base	6600	3709	64°	11.0
	663-4652	CMH100/T-6/G-12 base	9500	5472	60°	11.0
	663-4651	CMH150/T-6/G-12 base	14000	8064	60°	11.0

[M]	Part ID	Light source	lm	cd max	Beam	lbs
FLC122	663-2240	CMH22/T-3.5/PGJ-5 base	1650	2987	30°	4.0
	663-2241	CMH39/T-3.5/PGJ-5 base	3000	5313	30°	4.0
FLC132	663-3250	CMH39/T-6/G-12 base	3300	4594	34°	8.0
	663-3251	CMH70/T-6/G-12 base	6600	8554	34°	8.0
FLC142	663-4250	CMH70/T-6/G-12 base	6600	11524	26°	11.0
	663-4252	CMH100/T-6/G-12 base	9500	12930	36°	11.0
	663-4251	CMH150/T-6/G-12 base	14000	19054	36°	11.0

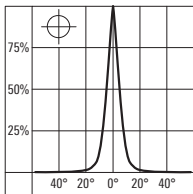
[VN]	Part ID	Light source	lm	cd max	Beam	lbs
FLC122	663-2440	CMH22/T-3.5/PGJ-5 base	1650	18142	10°	4.0
	663-2441	CMH39/T-3.5/PGJ-5 base	3000	25743	10°	4.0
FLC132	663-3450	CMH39/T-6/G-12 base	3300	42045	8°	8.0
	663-3451	CMH70/T-6/G-12 base	6600	49163	8°	8.0
FLC142	663-4450	CMH70/T-6/G-12 base	6600	81583	6°	11.0
	663-4452	CMH100/T-6/G-12 base	9500	84142	8°	11.0
	663-4451	CMH150/T-6/G-12 base	14000	100044	8°	11.0



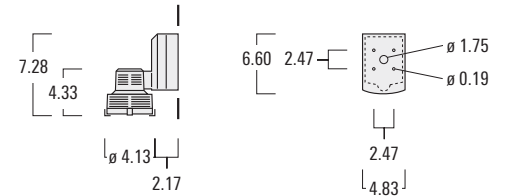
[W]



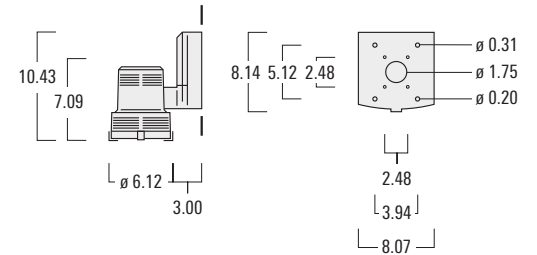
[M]



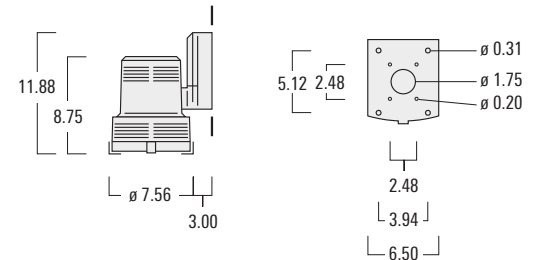
[VN]



FLC122



FLC132



FLC142

OPTICAL ACCESSORIES FOR FLC100 SERIES – LED

Internal Optical Accessories

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

External Optical Accessories

One external optical accessory such as wire guard, glare shield, or snoot.

Flood lens IO-360

for FLC122 LED	665-8130
for FLC142 LED	665-8145

Linear spread lens IO-180

for FLC122 LED	665-8129
for FLC142 LED	665-8149

Honeycomb louver IW*

for FLC122 LED	665-8222
for FLC142 LED	665-8242

Wire guard EG

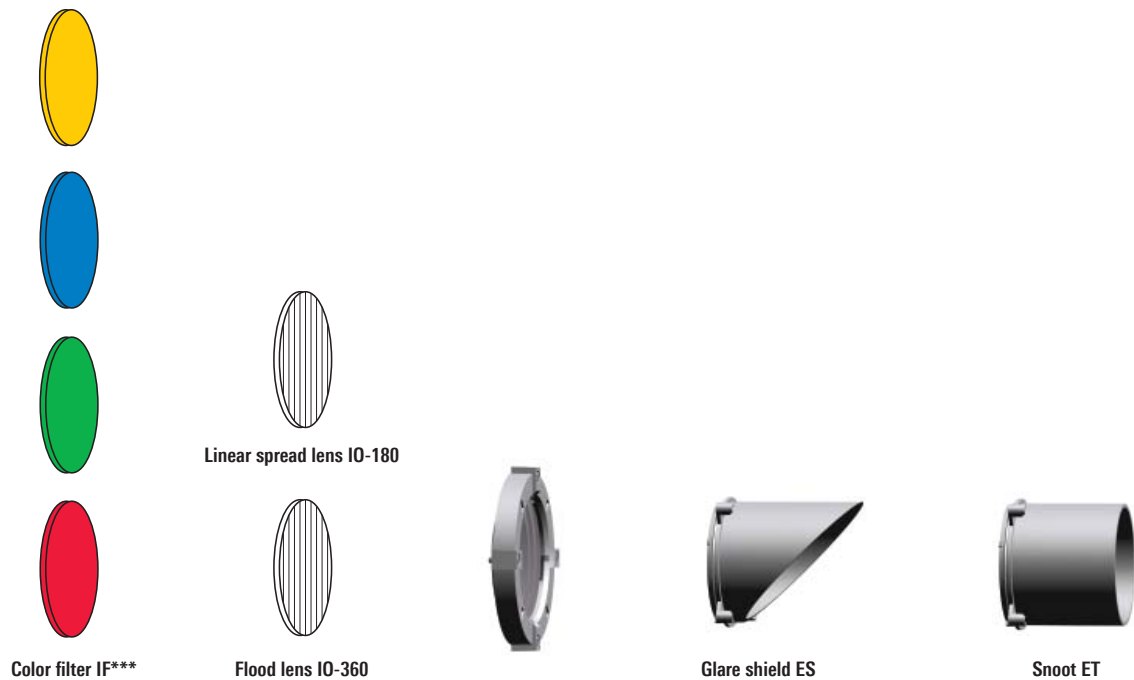
for FLC122 LED	665-9221
for FLC142 LED	665-9241

Glare shield ES**

for FLC122 LED	665-9222
for FLC142 LED	665-9242

Snoot ET**

for FLC122 LED	665-9224
for FLC142 LED	665-9244



* Not suitable for [W] version.
** Matte black inside finish.
*** Color filter available on request.

OPTICAL ACCESSORIES FOR FLC100 SERIES – HID

Internal Optical Accessories

A maximum of two internal optical accessory such as source shield, color filter, spread lens or flood lens.

External Optical Accessories

One external optical accessory such as wire guard, glare shield, or snoot.

Color filter IF	Red	Green	Blue	Yellow
for FLC122	665-8123	665-8122	665-8121	665-8124
for FLC132	665-8133	665-8132	665-8131	665-8134
for FLC142	665-8143	665-8142	665-8141	665-8144

Flood lens IO-360	
for FLC122	665-8127
for FLC132	665-8137
for FLC142	665-8147

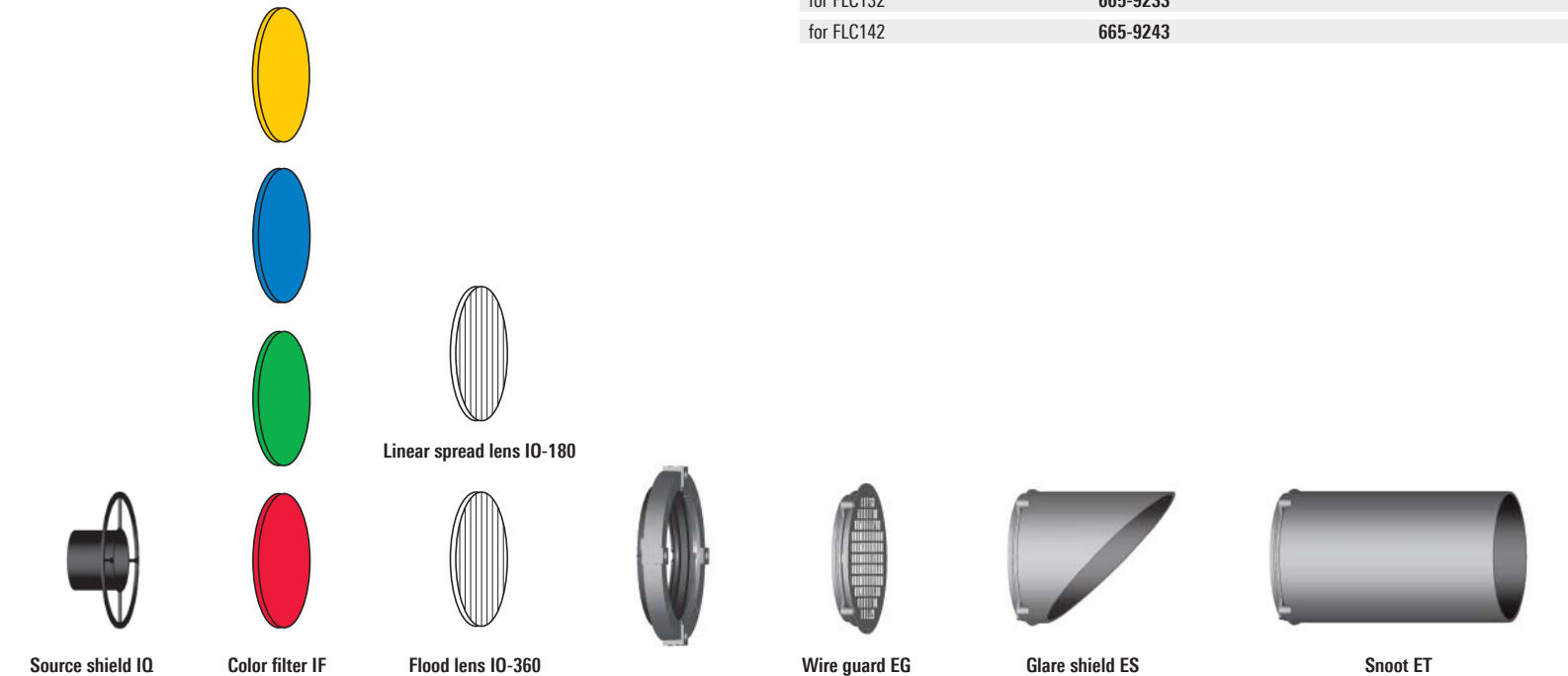
Linear spread Lens IO-180	
for FLC122	665-8126
for FLC132	665-8136
for FLC142	665-8146

Source shield IQ	
for FLC122	665-8221
for FLC132	665-8231
for FLC142	665-8241

Wire guard EG	
for FLC122	665-9221
for FLC132	665-9231
for FLC142	665-9241

Glare shield ES*	
for FLC122	665-9222
for FLC132	665-9232
for FLC142	665-9242

Snoot ET*	
for FLC122	665-9223
for FLC132	665-9233
for FLC142	665-9243



* Matte black inside finish.

PIA200 SERIES

Surface mounted wall luminaire. IP66. Body and lens frame constructed of marine-grade, die-cast aluminum 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. Anodized aluminum reflector. Silicone rubber gasket. Suitable for installation over 4" recessed junction box.

PIA230/260: $\pm 30^\circ$ tilt.

PIA240: $+15^\circ/-30^\circ$ tilt.

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

PSMH: Integral [HPF] magnetic MH ballast in 120, 277 or 347 volt.

ELITE CMH: Integral [ECG] electronic MH ballast in 200-277 volt.

Specify voltage where applicable.

PIA230: Luminaire can be mounted as an uplight or downlight.

PIA240/260: Luminaire can be mounted as an uplight only.

Light source:

CMH 20-150 W

PSMH 250-400 W

ELITE CMH 210-315 W

Beam distributions:

[S] [A]

Accessories:

■ Electrical, page 95-96

■ Optical, page 95-96

UL, cUL:

■ Suitable for wet locations



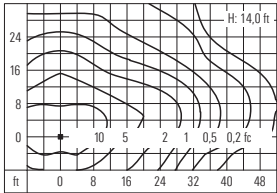
Centre Commercial Cap Sud. Avignon (F). Lighting design: Acrobat.



IOS Innovative Optical System:
[S] 'Side throw' distribution

Ordering guide:
Specify 7 digit part ID together with voltage and finish.
Example: 623-3550 – 120 V – Black RAL 9004

[S]	Part ID	Light source	lm	Factor*	lbs
PIA230	623-3550	CMH20/T-6/G-12 base	1600	0.11	19.0
	623-3551	CMH39/T-6/G-12 base	3300	0.24	19.0
	623-3552	CMH70/T-6/G-12 base	6600	0.47	19.0
PIA240	623-4541	CMH100/ED17 clear/medium base	9500	0.68	32.0
	623-4542	CMH150/ED17 clear/medium base	14000	1.00	32.0
	623-4554	CMH100/T-6/G-12 base	9500	0.68	32.0
PIA260	623-4551	CMH150/T-6/G-12 base	14000	1.00	32.0
	623-6541	PSMH250/ED28 HOR clear/mogul base	22000	1.57	47.0
	623-6542	PSMH400/ED28 HOR clear/mogul base	40000	2.86	47.0
	623-6553	CMH210/T-9/PGZ18 base	24150	1.73	47.0
	623-6554	CMH315/T-9/PGZ-18 base	37800	2.70	47.0



[S]

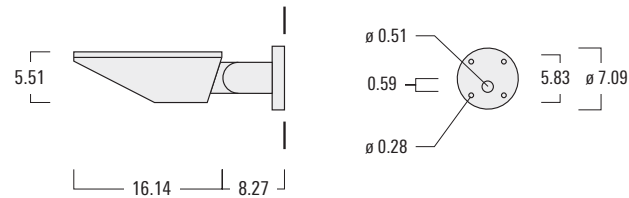
Accessories:

Quartz restrike

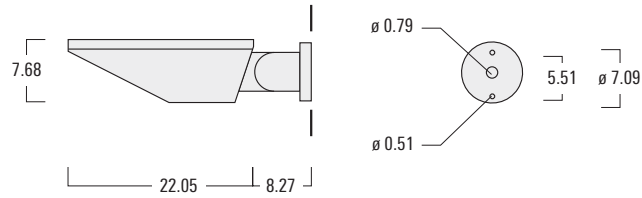
for PIA230/240/260	697-8004
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House-side shield – Internal optical accessory for version [S].

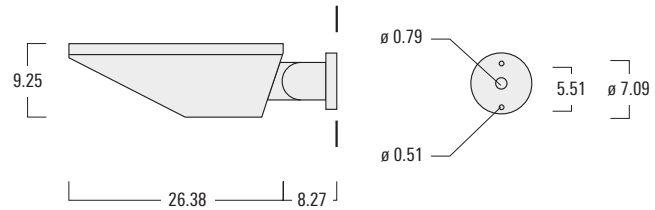
for PIA230 [S]	683-8231
for PIA240 [S]	683-8241
for PIA260 [S]	683-8261



PIA230



PIA240



PIA260

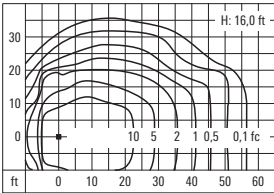
* Multiplier for footcandle value.



IOS Innovative Optical System:
[A] Asymmetric 'forward throw' distribution

Ordering guide:
Specify 7 digit part ID together with voltage and finish.
Example: **623-3050 – 120 V – Black RAL 9004**

[A]	Part ID	Light source	lm	Factor*	lbs
PIA230	623-3050	CMH20/T-6/G-12 base	1600	0.11	19.0
	623-3051	CMH39/T-6/G-12 base	3300	0.24	19.0
	623-3052	CMH70/T-6/G-12 base	6600	0.47	19.0
PIA240	623-4042	CMH100/ED17 clear/medium base	9500	0.68	32.0
	623-4043	CMH150/ED17 clear/medium base	14000	1.00	32.0
	623-4050	CMH100/T-6/G-12 base	9500	0.68	32.0
	623-4052	CMH150/T-6/G-12 base	14000	1.00	32.0
PIA260	623-6043	PSMH250/ED28 HOR clear/mogul base	22000	1.57	47.0
	623-6044	PSMH400/ED28 HOR clear/mogul base	40000	2.86	47.0
	623-6053	CMH210/T-9/PGZ18 base	24150	1.73	47.0
	623-6054	CMH315/T-9/PGZ-18 base	37800	2.70	47.0



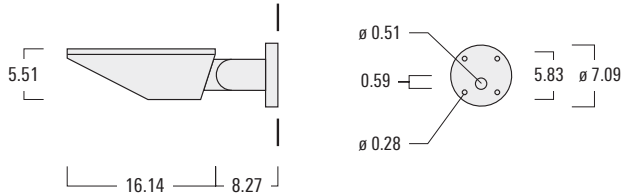
[A]

Accessories:
Quartz restrike

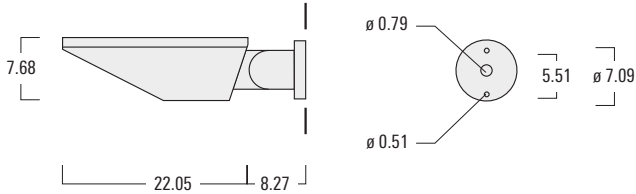
for PIA230/240/260	697-8004
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House-side shield – Internal optical accessory for version [A].
for PIA230/240/260 **Included with luminaire**

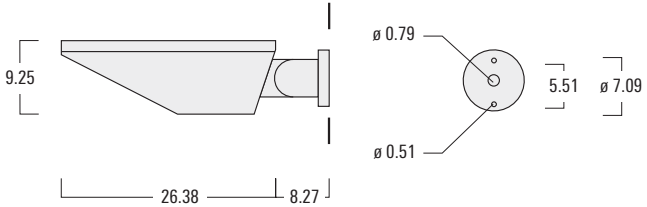
Sidewards cut-off shield – Internal optical accessory for version [A].	
for PIA230 [A]	683-8232
for PIA240 [A]	683-8242
for PIA260 [A]	683-8262



PIA230



PIA240



PIA260



Waterfront City. Melbourne (AUS). Lighting design: Vision Design Studio.

FLA400 SERIES

Surface mounted wall luminaire (area and surface washlight). IP66. Body and lens frame constructed of marine-grade, die-cast aluminum 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. Anodized aluminum reflector. Silicone rubber gasket. Suitable for installation over 4" recessed junction box.

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

PSMH: Integral [HPF] magnetic MH ballast in 120, 277 or 347 volt.

ELITE CMH: Integral [ECG] electronic MH ballast in 200-277 volt.

Specify voltage where applicable.

Light source:

CMH 39-150 W

PSMH 250-400 W

ELITE CMH 210-315 W

Beam distributions:

[S] [A]

Accessories:

■ Electrical, page 99-100

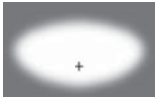
■ Optical, page 99-100

UL, cUL:

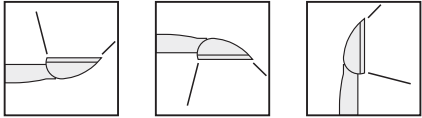
■ Suitable for wet locations



02 Arena. London (UK). Architect: HOK Sports. Lighting Design: ME Engineers.



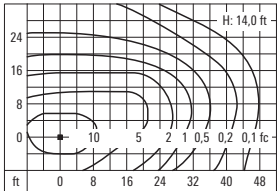
IOS Innovative Optical System:
[S] Type III 'side throw' distribution



Luminaire can be mounted as an uplight or downlight.

Ordering guide:
Specify 7 digit part ID together with voltage and finish.
Example: 658-4351 – 120 V – Black RAL 9004

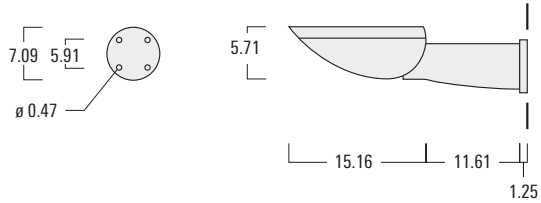
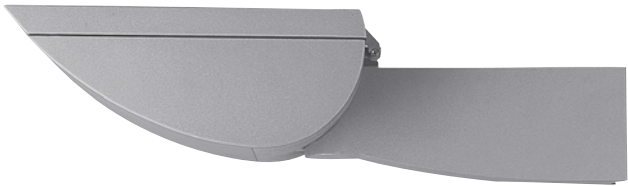
[S]	Part ID	Light source	lm	Factor*	lbs
FLA441	658-4351	CMH39/T-6/G-12 base	3300	0.24	22.0
	658-4352	CMH70/T-6/G-12 base	6600	0.47	22.0
	658-4354	CMH100/T-6/G-12 base	9500	0.68	22.0
	658-4353	CMH150/T-6/G-12 base	14000	1.00	22.0
FLA461	658-6340	PSMH250/ED28 HOR clear/mogul base	22000	1.57	47.0
	658-6341	PSMH400/ED28 HOR clear/mogul base	40000	2.86	47.0
	658-6350	CMH210/T-9/PGZ18 base	24150	1.73	47.0
	658-6351	CMH315/T-9/PGZ18 base	37800	2.70	47.0



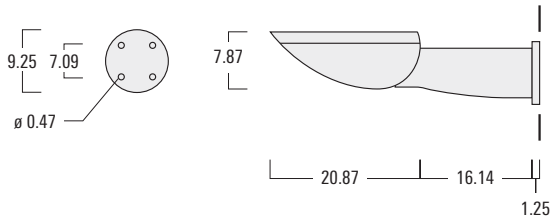
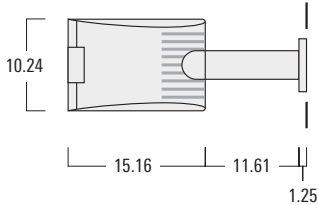
[S]

Accessories:	
Quartz restrike	
for FLA441/461	697-8004

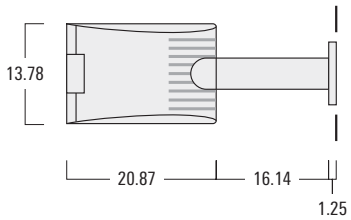
House-side shield – Internal optical accessory for [S].	
for FLA441 [S]	658-9201
for FLA461 [S]	658-9211



FLA441



FLA461

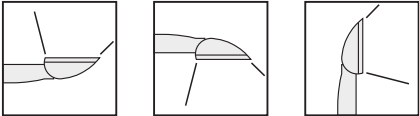


* Multiplier for footcandle value.



IOS Innovative Optical System:

[A] Type IV 'forward throw' distribution



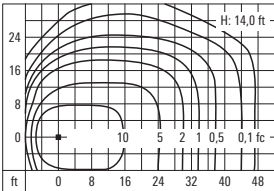
Luminaire can be mounted as an uplight or downlight.

Ordering guide:

Specify 7 digit part ID together with voltage and finish.

Example: **658-4451 – 120 V – Black RAL 9004**

[A]	Part ID	Light source	lm	Factor*	lbs
FLA441	658-4451	CMH39/T-6/G-12 base	3300	0.24	22.0
	658-4452	CMH70/T-6/G-12 base	6600	0.47	22.0
	658-4454	CMH100/T-6/G-12 base	9500	0.68	22.0
	658-4453	CMH150/T-6/G-12 base	14000	1.00	22.0
FLA461	658-6440	PSMH250/ED28 HOR clear/mogul base	22000	1.57	47.0
	658-6441	PSMH400/ED28 HOR clear/mogul base	40000	2.86	47.0
	658-6450	CMH210/T-9/PGZ18 base	24150	1.73	47.0
	658-6451	CMH315/T-9/PGZ18 base	37800	2.70	47.0



[A]

Accessories:

Quartz restrike

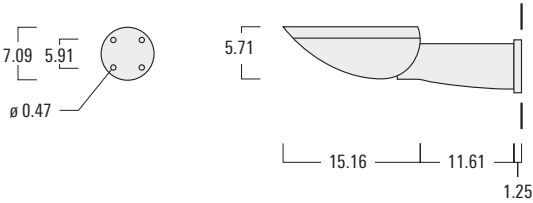
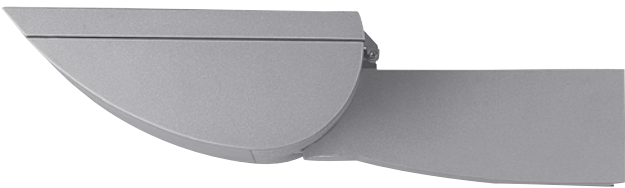
for FLA441/461	697-8004
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House-side shield – Internal optical accessory for version [A].

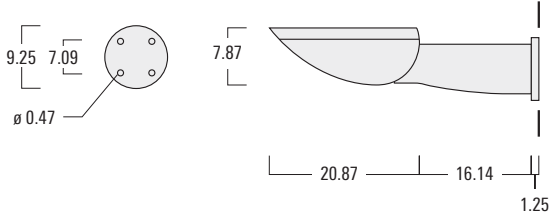
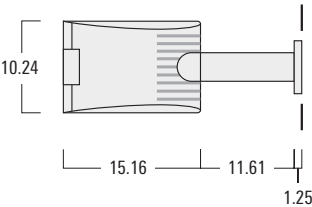
for FLA441 [A]	658-9202
for FLA461 [A]	658-9212

Sidewards cut-off shield – Internal optical accessory for version [A].

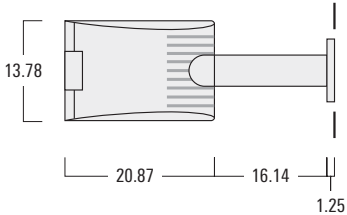
for FLA441 [A]	658-9203
for FLA461 [A]	658-9213

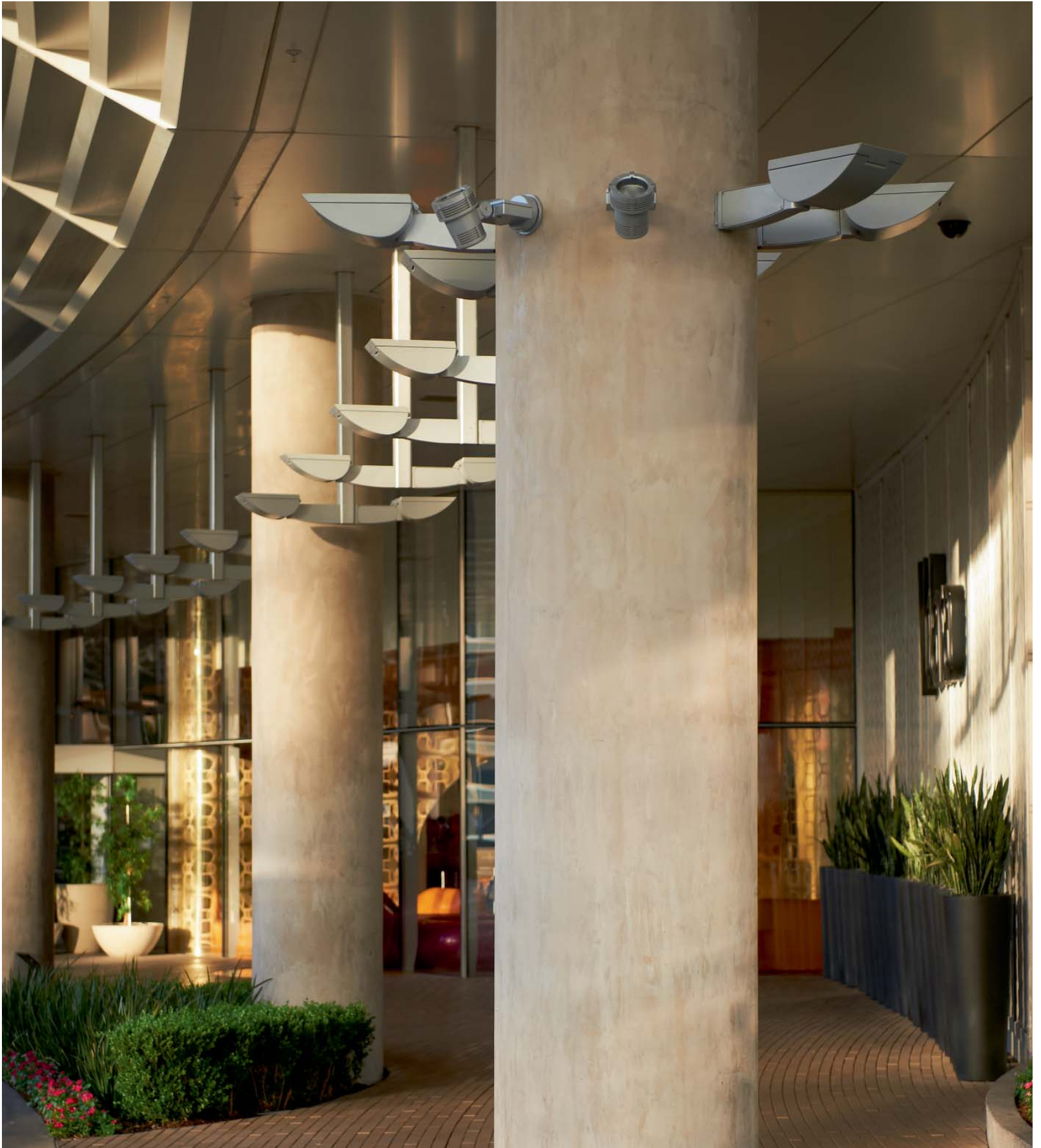


FLA441



FLA461





Vdara Hotel & Spa. Las Vegas (USA). Architect: Vdara Rafael Vinoly Architects. Lighting Design: Cline Bettridge Berstein Lighting Design, Illuminating Concepts.

XLO200 SERIES

Surface mounted wall luminaire. IP55. Body and lens frame constructed of marine-grade, die-cast aluminum 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. Opal polycarbonate lens. Silicone rubber gasket. Suitable for installation over 4" recessed junction box.

Integral [ECG] LED driver in 120 or 277 volt. Specify voltage.

Light source:

LED 12-24 W, 3000 K

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

Beam distribution:

Diffused

UL, cUL:

■ Suitable for wet locations

XLO229 ADA compliant.



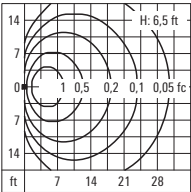
Ordering guide:

Specify 7 digit part ID together with voltage and finish.

Example: 621-5421 – 120 V – Black RAL 9004

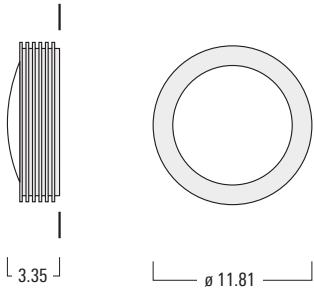


Diffused	Part ID	Light source	K	lm*	Factor**	lbs	
	XLO229	621-5421	LED-FT 12W	3000	1400	1.00	7.1
	XLO239	621-6421	LED-FT 24W	3000	2850	2.04	15.4

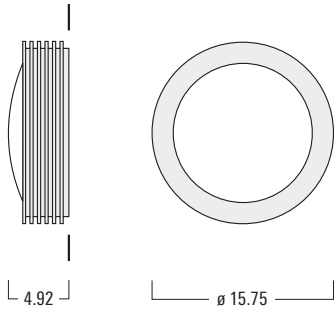


Diffused

XLO229



XLO329



* 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.

** Multiplier for footcandle value.

DLO200/DLG200 SERIES

Surface mounted wall luminaire. IP55. Body and lens frame constructed of marine-grade, die-cast aluminum 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. Opal polycarbonate lens. Silicone rubber gasket. Suitable for installation over 4" recessed junction box.

Integral [ECG] LED driver in 120 or 277 volt. Specify voltage.

Light source:

LED 12-24 W, 3000 K

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

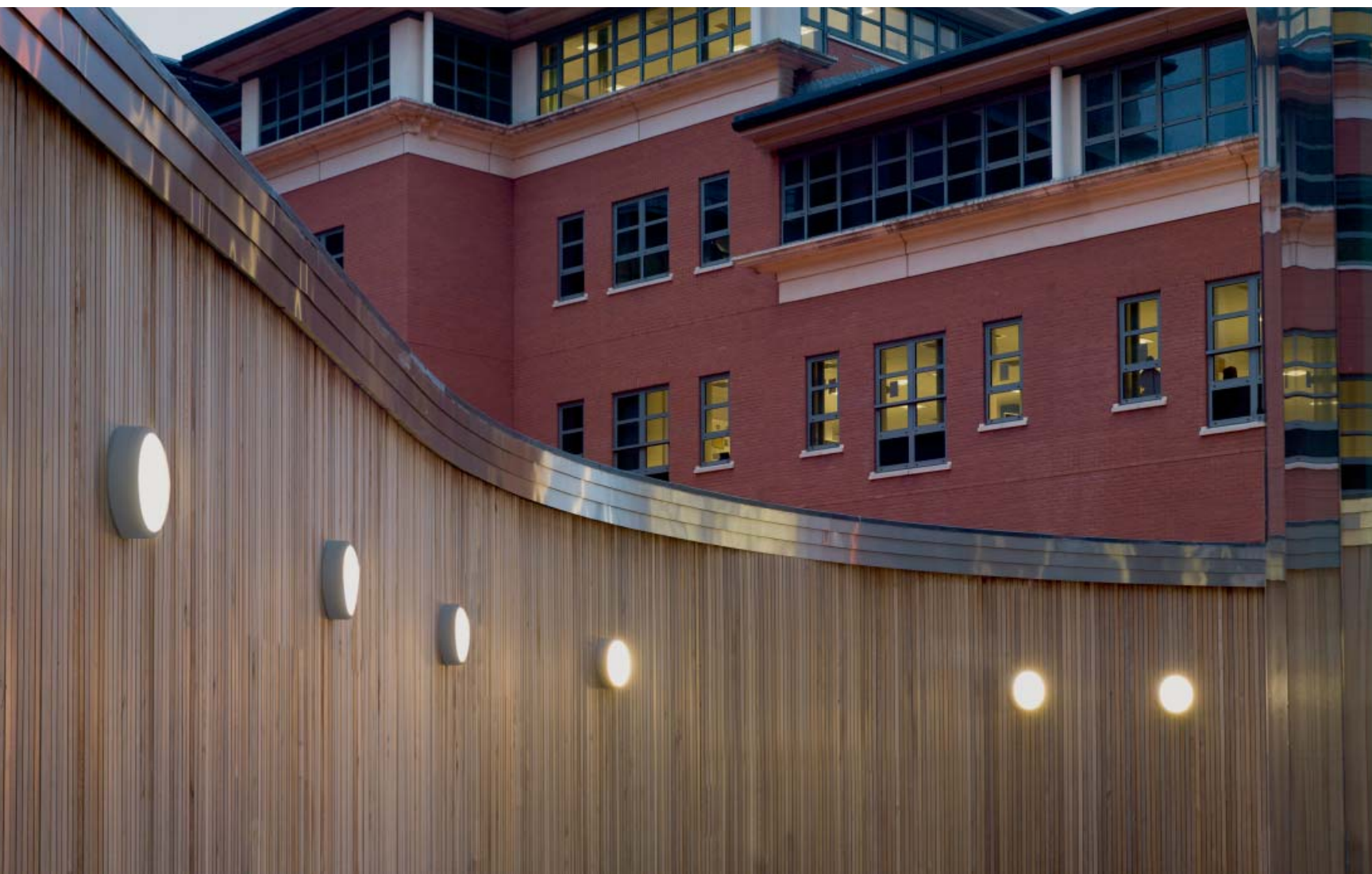
Beam distribution:

Diffused

UL, cUL:

■ Suitable for wet locations

DLO229/DLG229 ADA compliant.



Temple Quay. Bristol (UK). Architect: Landscape Projects.

Ordering guide:

Specify 7 digit part ID together with voltage and finish.

Example: 621-2421 – 120 V – Black RAL 9004



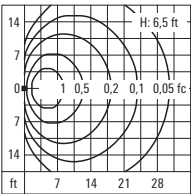
DL0200



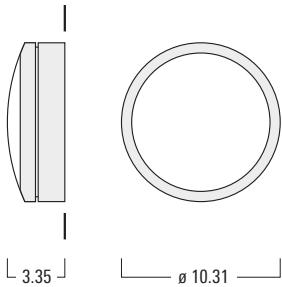
DLG200

Diffused	Part ID	Light source	K	lm*	Factor**	lbs
DLO229	621-2421	LED-FT 12W	3000	1400	1.00	5.0
DLO239	621-3421	LED-FT 24W	3000	2850	2.04	8.0

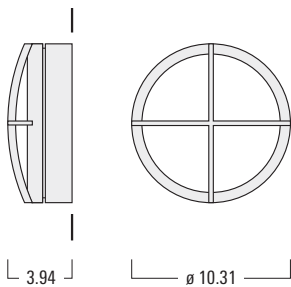
Diffused	Part ID	Light source	K	lm*	Factor**	lbs
DLG229	621-2221	LED-FT 12W	3000	1400	1.00	5.0
DLG239	621-3221	LED-FT 24W	3000	2850	2.04	8.0



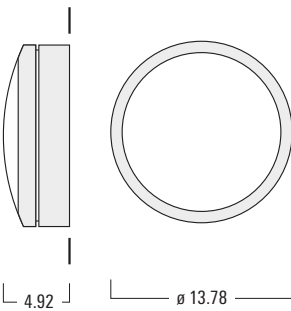
Diffused



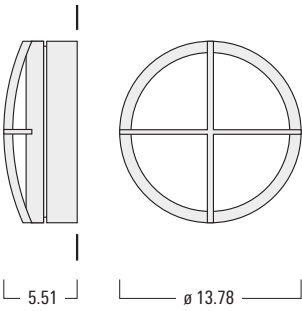
DL0229



DLG229



DLO239



DLG239

* 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.

** Multiplier for footcandle value.

DLS200/DLB200 SERIES

Surface mounted wall luminaire. IP55. Body and lens frame constructed of marine-grade, die-cast aluminum 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. Opal polycarbonate lens. Silicone rubber gasket. Suitable for installation over 4" recessed junction box.

Integral [ECG] LED driver in 120 or 277 volt. Specify voltage.

Light source:

LED 12-24 W, 3000 K

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

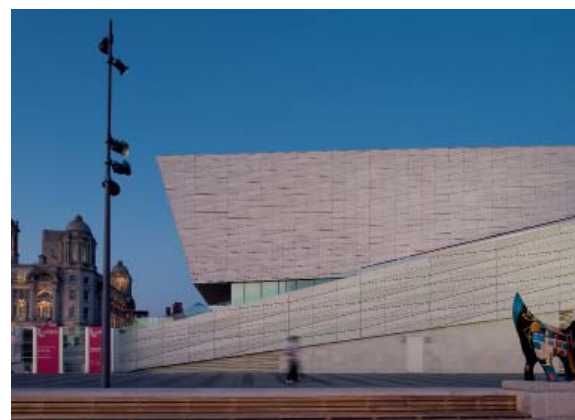
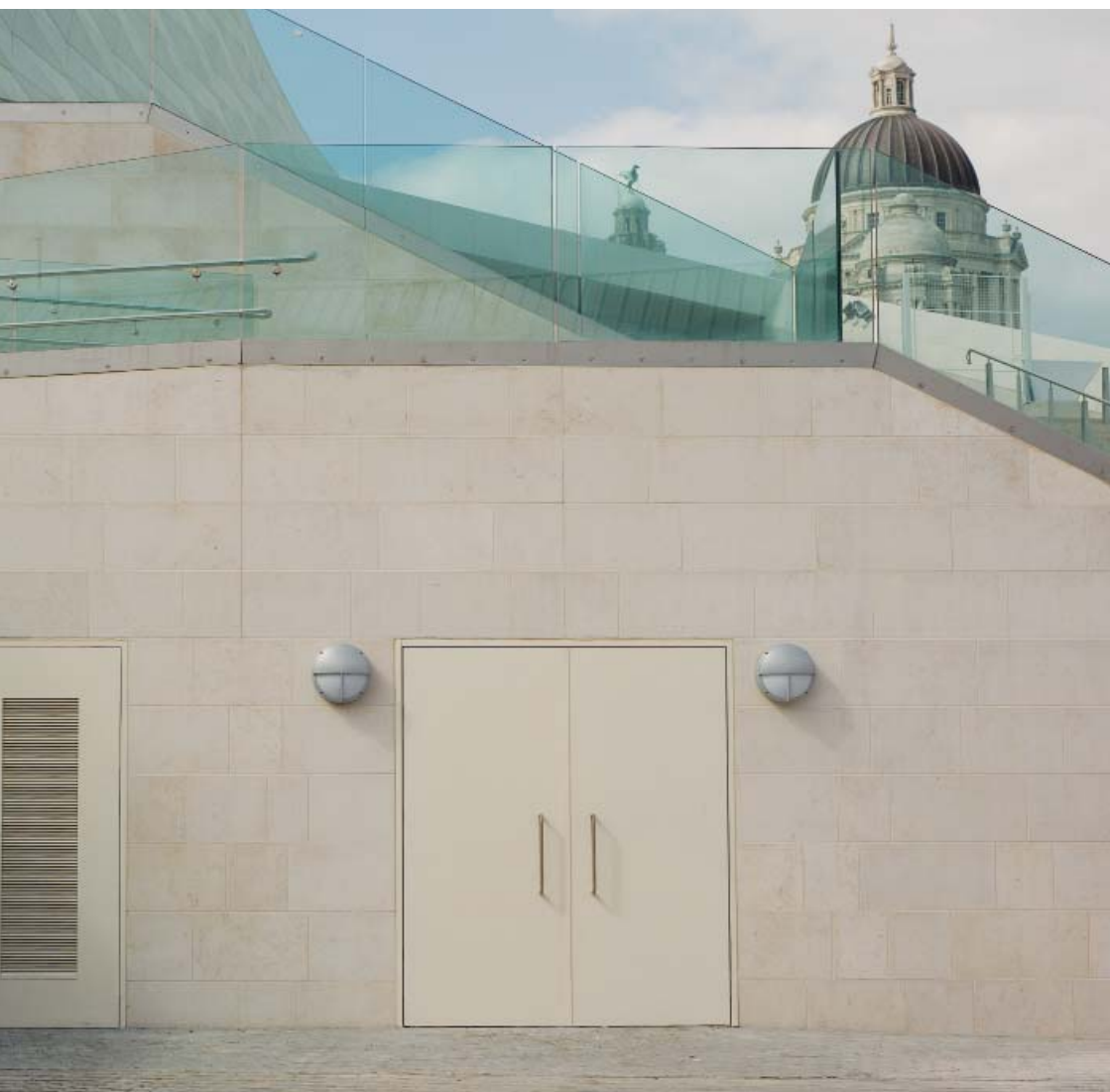
Beam distribution:

Diffused

UL, cUL:

■ Suitable for wet locations

DLS229/DLB229 ADA compliant.



The National Museum of Liverpool. Liverpool (UK). Architect: 3XN & AEW. Lighting designer: Buro Happold Lighting.

Ordering guide:

Specify 7 digit part ID together with voltage and finish.

Example: 621-2521 – 120 V – Black RAL 9004



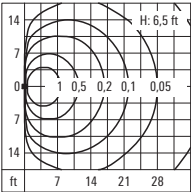
DLS200



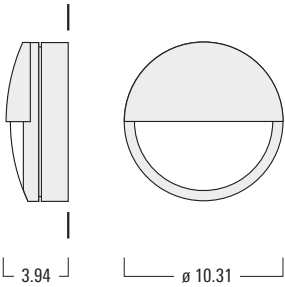
DLB200

Diffused	Part ID	Light source	K	lm*	Factor**	lbs
DLS229	621-2521	LED-FT 12W	3000	1400	1.00	5.0
DLS239	621-3521	LED-FT 24W	3000	2850	2.04	8.0

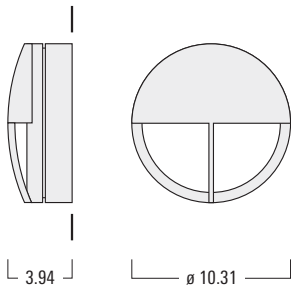
Diffused	Part ID	Light source	K	lm*	Factor**	lbs
DLB229	621-2121	LED-FT 12W	3000	1400	1.00	5.0
DLB239	621-3121	LED-FT 24W	3000	2850	2.04	8.0



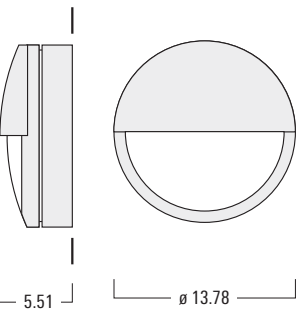
Diffused



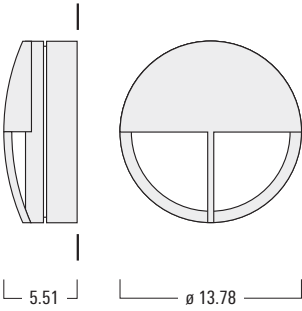
DLS229



DLB229



DLS239



DLB239

* 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.

** Multiplier for footcandle value.

QLO200 SERIES

Surface mounted wall luminaire. IP55. Body and lens frame constructed of marine-grade, die-cast aluminum 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. Opal polycarbonate lens. Silicone rubber gasket. Suitable for installation over 4" recessed junction box.

Integral [ECG] LED driver in 120 or 277 volt. Specify voltage.

Light source:

LED 12-24 W, 3000 K

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

Beam distribution:

Diffused

UL, cUL:

■ Suitable for wet locations

QLO229/QLO239 ADA compliant.



Medienzentrum. Leipzig (D). Architect: Architekturbüro von Gerkan, Marg + Partner. Lighting design: Ebert-Ingenieure.

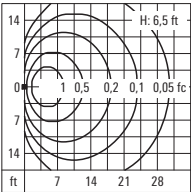
Ordering guide:

Specify 7 digit part ID together with voltage and finish.

Example: 620-0421 – 120 V – Black RAL 9004

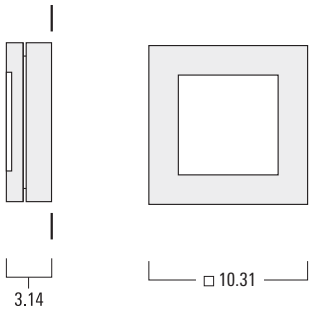


Diffused	Part ID	Light source	K	lm*	Factor**	lbs
QL0229	620-0421	LED-FT 12W	3000	1400	1.00	5.0
QL0239	620-1421	LED-FT 24W	3000	2850	2.04	8.0

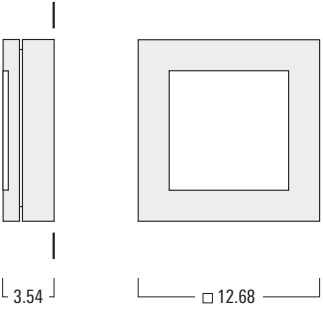


Diffused

QL0229



QL0329



* 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.

** Multiplier for footcandle value.

ALA300 SERIES

Surface mounted wall luminaire. IP55. Body and mounting arm constructed of marine-grade, die-cast aluminum 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. Polycarbonate outer lens. PMMA FT 360° LED lens. Silicone rubber gasket. Suitable for installation over 4" recessed junction box.

Integral [ECG] LED driver in 120 or 277 volt. Specify voltage.

Light source:

LED 13 W, 3000 K

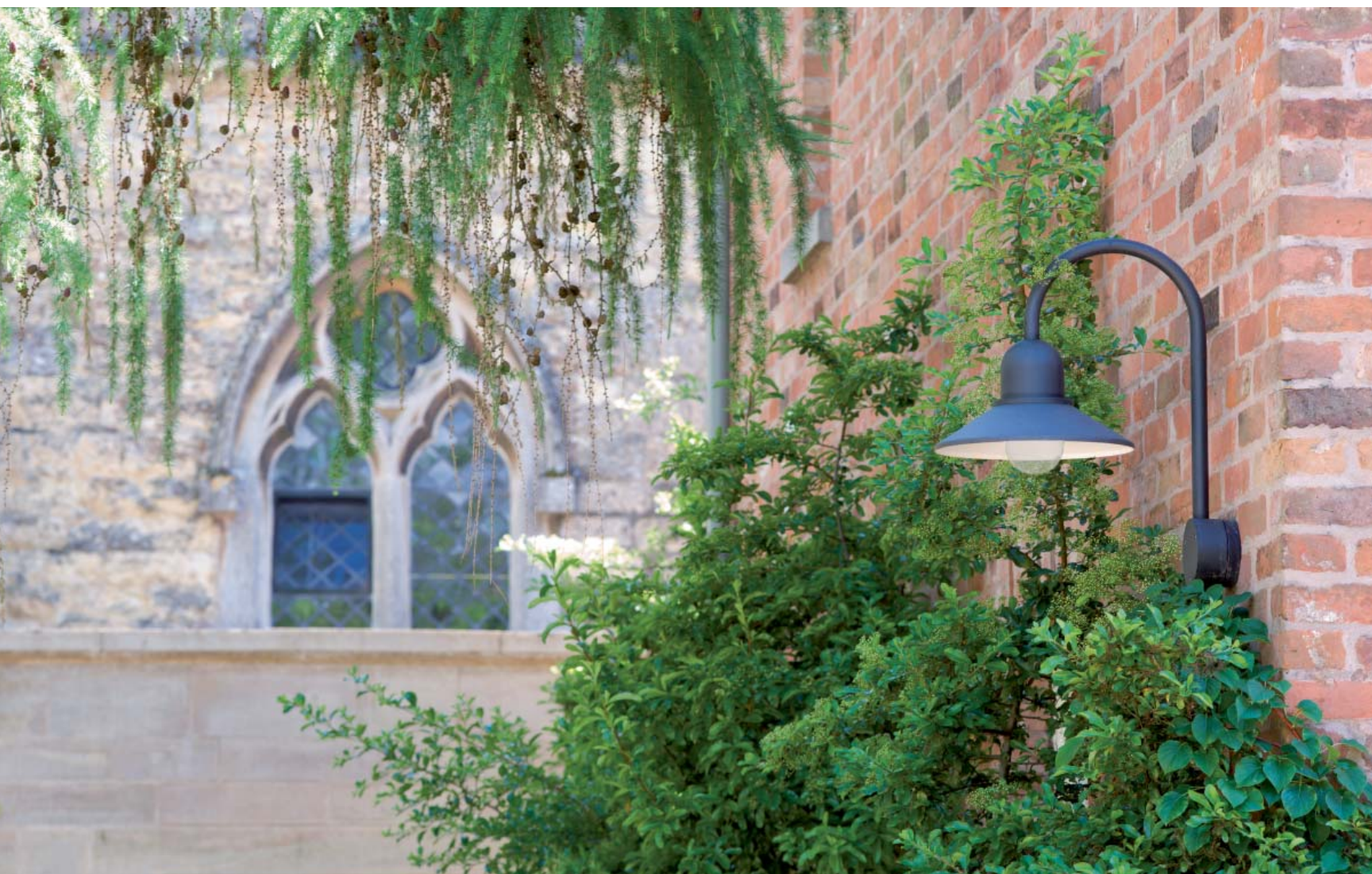
(for 4000 K, refer to www.we-ef.com)

Beam distribution:

[C60]

UL, cUL:

■ Suitable for wet locations



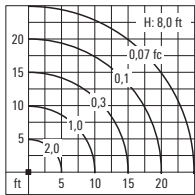
Langar Hall Hotel & Restaurant. Langar, Nottinghamshire (UK).



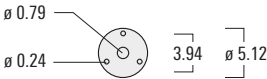
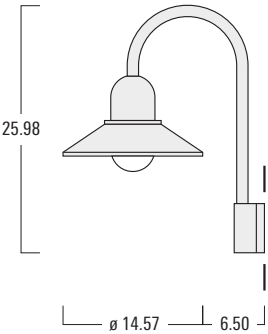
IOS Innovative Optical System:
[C60] Controlled distribution, symmetric

Ordering guide:
Specify 7 digit part ID together with voltage and finish.
Example: 624-0021 – 120 V – Black RAL 9004

[C60]	Part ID	Light source	K	lm*	lbs
ALA350	624-0021	LED-FT 13W	3000	800	8.8



[C60]



* 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.

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