we-ef

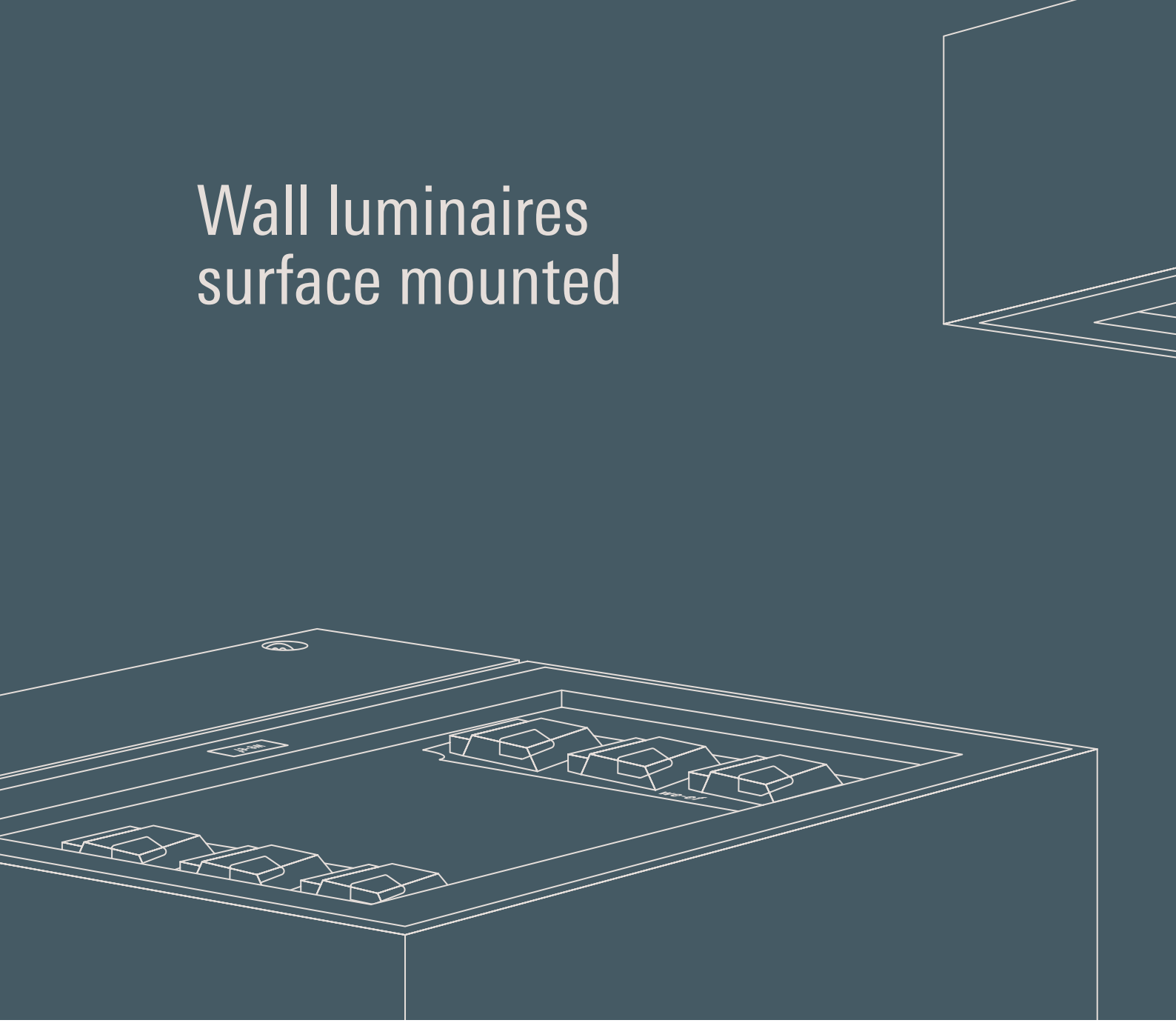
WE-EF LIGHTING

General Catalogue

Asia Pacific Edition

Wall luminaires surface mounted

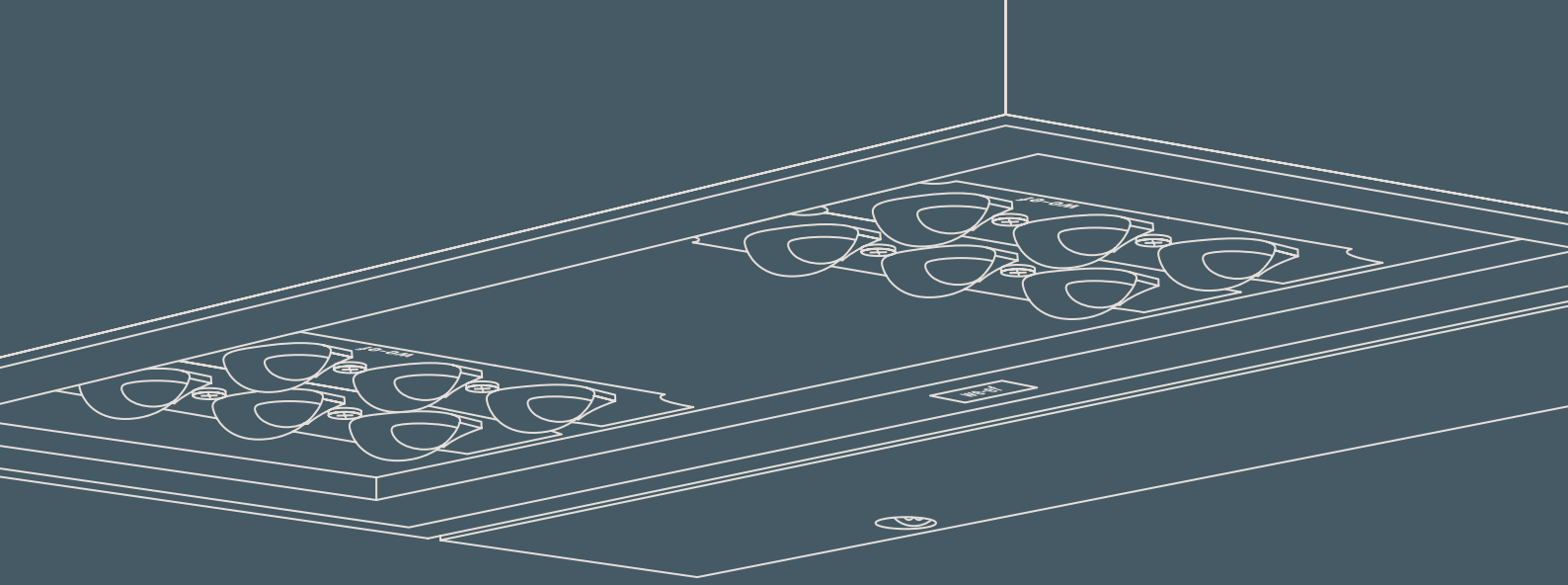
Wall luminaires surface mounted

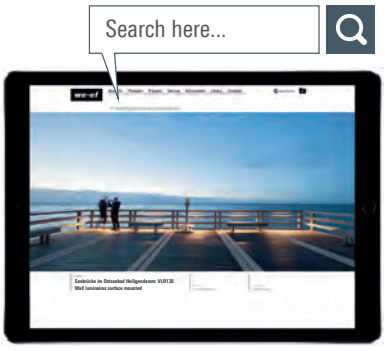


Versatile. Effective. Easily installed. Wall luminaires surface mounted by WE-EF are the straightforward way to excellent exterior lighting.

These multi-purpose lighting tools are perfect for a wide variety of tasks including setting the stage for architecture with linear lighting; flooding walls and ceilings; marking paths and walkways; and illuminating areas and passages with directional or diffused, glare-free light.

Their common denominator is hassle-free installation. A solid surface and a supply line are all that is needed. This ease of installation is what makes this type of luminaire particularly suitable for upgrading existing projects.





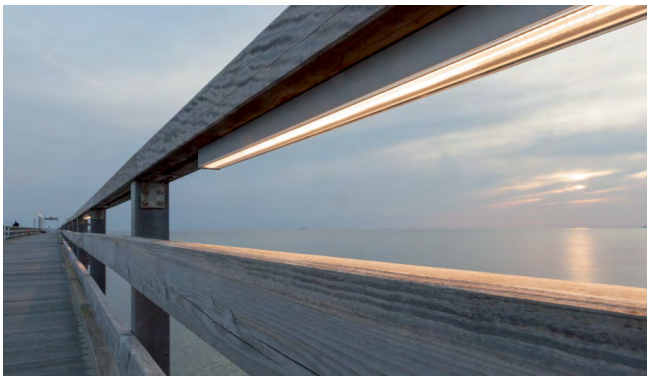
Wall luminaires surface mounted

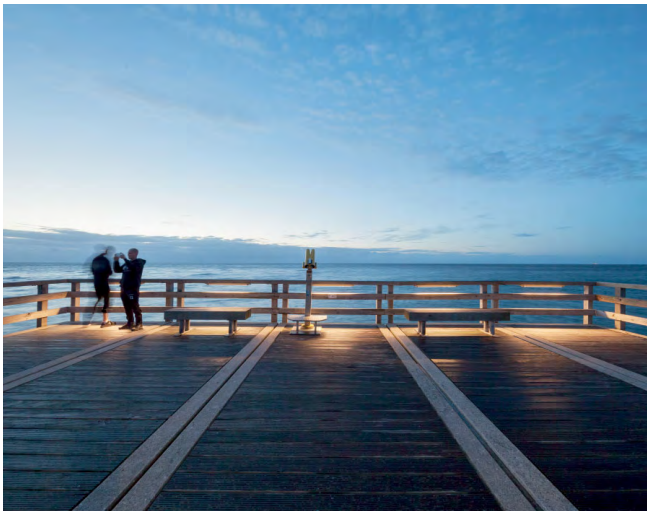
For detailed specifications, product codes and latest performance data, refer to www.we-ef.com

The Pier Heiligendamm

Lights Above the Sea

With its unique atmosphere, the famous pier of Baltic seaside resort Heiligendamm is a 200-metres-long invitation to promenade and linger. The lighting concept was exclusively implemented with WE-EF luminaires, known to withstand even the harshest weather conditions. Within the used lighting portfolio, VLR100 linear surface mounted luminaires feature prominently; integrated into the bridge railing, their asymmetrically distributed light provides targeted illumination for the pier's traffic layer.





The Pier
Heiligendamm (DE)
Light planning: Institut für Gebäude + Energie + Licht Planung,
Prof. Dr.-Ing. Thomas Röhmhild, Wismar

VLR100

Luminaire housing:	Marine-grade, all-aluminium construction
Corrosion protection:	5CE, including PCS hardware
Driver:	Integral EC electronic converter in thermally-separated compartment
Main lens:	PMMA
Gasketing:	Silicone rubber gasket
Optic:	IOS® Innovative Optical System
Installation:	FS Factory-sealed luminaire does not need to be opened during installation
Control option:	DALI

IP66 IK09

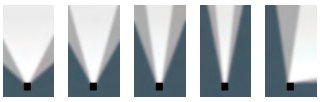
The Pier
Heiligendamm (DE)
Lighting design: Institut für Gebäude + Energie + Licht Planung, Prof. Dr. Ing. Thomas Röhmhild

Available distributions:
[LB] [LM] [LE] [LEE] [LA10]

Standard colours – AU/NZ
RAL 9004 9006 9007 9016

Standard colours – AP
RAL 9004 9007 7016 9016

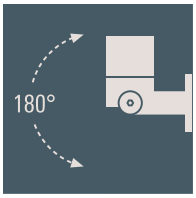
WALL SURFACE MOUNTED



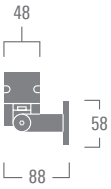
[LB] Symmetric linear, wide beam
[LM] Symmetric linear, medium beam
[LE] Symmetric linear, narrow beam
[LEE] Symmetric linear, very narrow beam
[LA10] Asymmetric linear, wallwash

VLR100
[LB] [LM] [LE] [LEE]

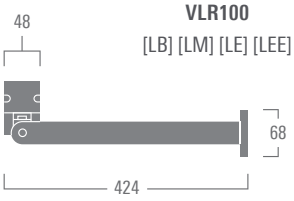
VLR100
[LA10]



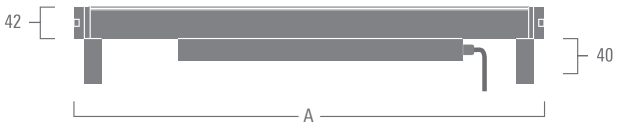
180° Vertical aiming range



VLR100
[LB] [LM] [LE] [LEE]



VLR100
[LA10]



	A
VLR110	328
VLR120	628
VLR130	928
VLR140	1228
VLR150	1528

VLR110

[LB] [LM] [LE] [LEE]
10 W
960-1200 lm

VLR120/130/140

[LB] [LM] [LE] [LEE] [LA10]
20 W
1920-2410 lm

[LB] [LM] [LE] [LEE] [LA10]
30 W
2870-3610 lm

[LB] [LM] [LE] [LEE] [LA10]
40 W
3830-4810 lm

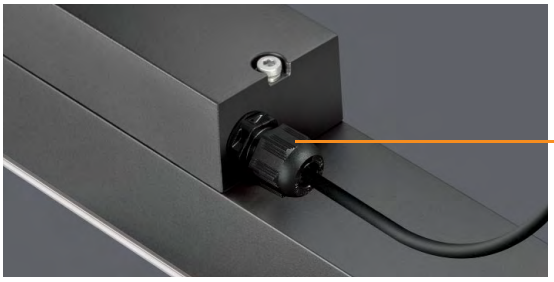
VLR150

[LB] [LM] [LE] [LEE]
50 W
4790-6010 lm

- For detailed specifications, product codes and latest performance data, refer to www.we-ef.com
- Shown above are rated lumens for 3000 K at T_q = 25°C

Linear Luminaires – Ideal for Wallwashing

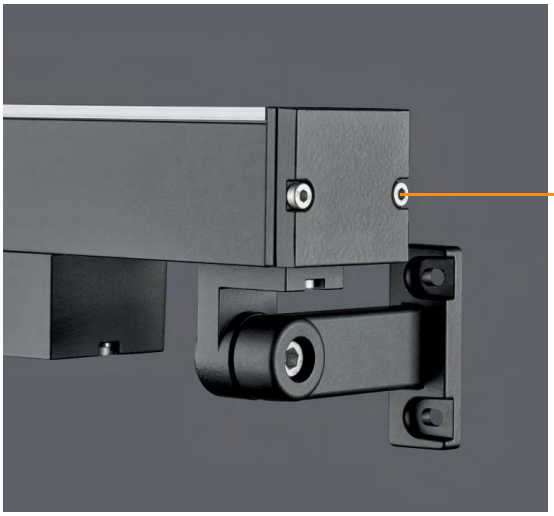
Whether it is straightforward uniformity of light that is required for a feature wall, or highly creative lighting effects on an embellished vertical surface, linear luminaires often deliver – or are at least part of – the solution. With a choice of five distinctly different light distributions, the VLR100 series luminaires offer lighting professionals unprecedented planning freedom while working on either small- or large-scale projects.



[Factory-sealed]

Luminaire does not need to be opened during installation.

IP68 cable gland.



PCS Polymer Coated Stainless Steel

WE-EF's PCS fasteners protect against galvanic corrosion, thereby enhancing product longevity and serviceability.

180° Vertical Aiming Range

This linear wall luminaire offers vast flexibility when it comes to precisely directing the light to fulfill project and on-site requirements.

PLS400

Luminaire housing:	Marine-grade, die-cast aluminium alloy
Corrosion protection:	5CE, including PCS hardware
Driver:	Integral EC electronic converter
Main lens:	Safety glass
Gasketing:	Silicone CCG® Controlled Compression Gasket
Optics:	IOS® Innovative Optical System
	CAD-optimised for superior illumination and glare control
	OLC® One LED Concept
Installation:	FS Factory-sealed luminaire does not need to be opened during installation
Control options:	ON/OFF, 1-10 V, DALI

IP66 IK08

Available distributions:
[M] [E] [S70] [A60] [R65]

Standard colours – AU/NZ

RAL 9004 9006 9007 9016

Standard colours – AP

RAL 9004 9007 7016 9016

WALL SURFACE MOUNTED

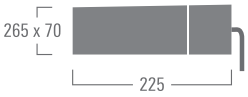
[M] Symmetric, medium beam
[E] Symmetric, narrow beam
[S70] Asymmetric 'side throw'
[A60] Asymmetric 'forward throw'
[R65] Rectangular 'side throw'

Suitable for downlighting, façade and uplighting applications

PLS420

[M] [E] [S70] [A60] [R65]

12-26 W
800-2400 lm
Max. 1 internal accessory

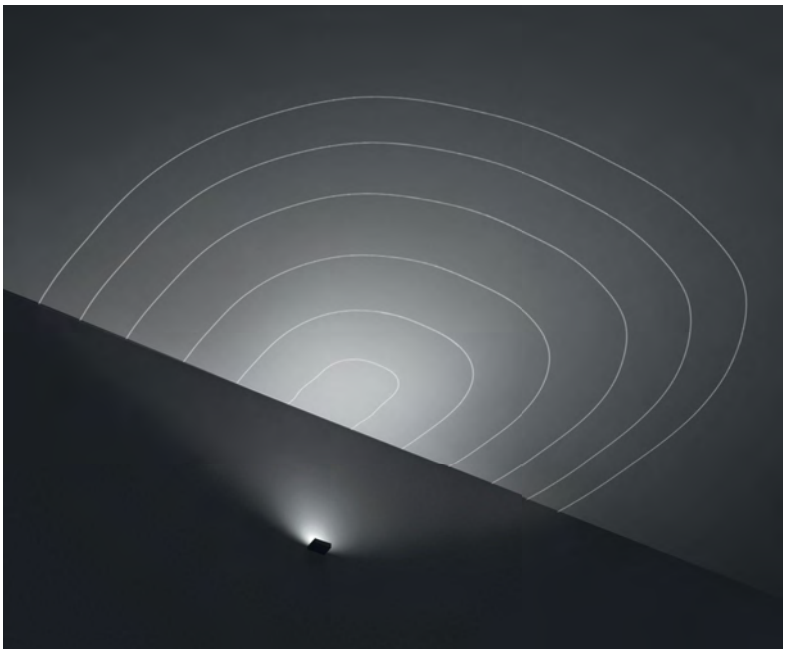


PLS430

[M] [E] [S70] [A60] [R65]

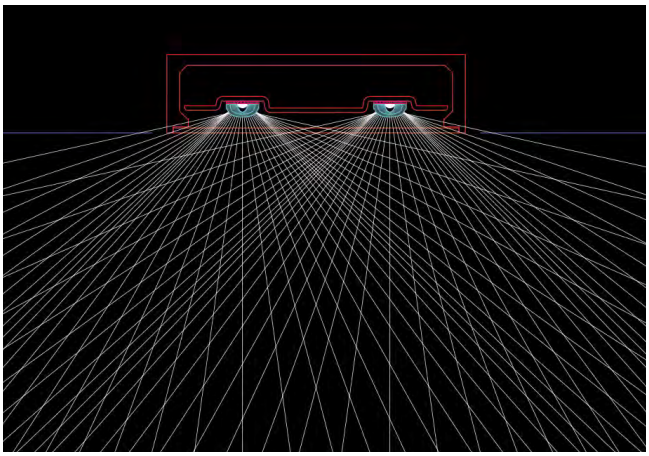
24-52 W
1600-4800 lm
Max. 1 internal accessory

- For detailed specifications, product codes and latest performance data, refer to www.we-ef.com
- Shown above are rated lumens for 3000 K at T_q = 25°C
- For accessories, refer to www.we-ef.com



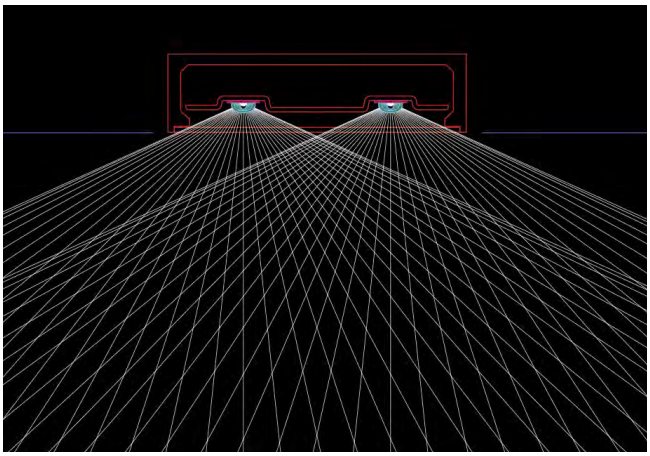
PLS400 [A60] Typical Uplighting Application

With five different light distributions to choose from, the PLS400 series luminaires are ideal tools for a large variety of façade and area lighting applications, especially in an architectural setting.



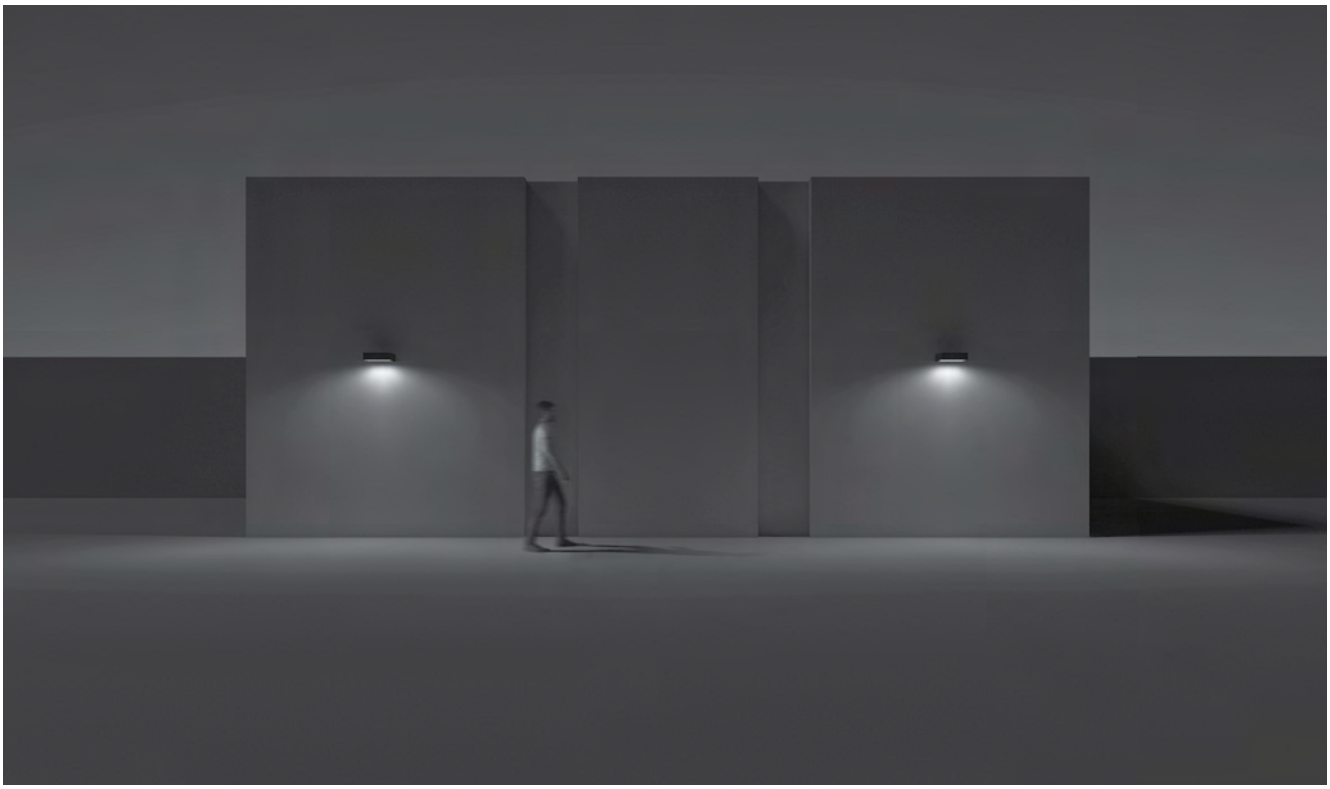
PLS420 [S70] Ray-tracing

This CAD ray-tracing simulation demonstrates the outstanding [S70] Asymmetric 'side throw' light distribution as well as its glare control qualities.



PLS420 [R65] Ray-tracing

The [R65] optics deliver rectangular 'side throw' distribution for applications where larger area coverage is required.



PLS420 [S70]

The [S70] optical system allows for large spacing intervals between luminaires, as demonstrated in this typical application example.

QLS400

Luminaire housing:	Marine-grade, die-cast aluminium alloy
Corrosion protection:	5CE, including PCS hardware
Driver:	Integral EC electronic converter
Main lens:	Safety glass
Gasketing:	Silicone rubber gasket
Optics:	IOS® Innovative Optical System
	CAD-optimised for superior illumination and glare control
	OLC® One LED Concept
Installation:	FS Factory-sealed luminaire does not need to be opened during installation
Control options:	ON/OFF, 1-10 V, DALI

IP66 IK07

Available distributions:
[R45] [M] [E] [S]
[R45/R45] [M/R45] [E/R45]
[M/M] [E/M] [E/E] [M/S] [E/S]

Standard colours – AU/NZ

RAL 9004 9006 9007 9016

Standard colours – AP

RAL 9004 9007 7016 9016

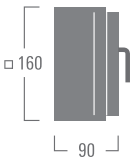
WALL SURFACE MOUNTED

[R45] Rectangular 'side throw'
[M] Symmetric, medium beam
[E] Symmetric, narrow beam
[S] Asymmetric 'side throw'

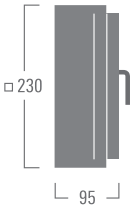
[R45/R45] 'Side throw', up and down
[M/R45] Medium beam up, 'side throw' down
[E/R45] Narrow beam up, 'side throw' down
[M/M] Medium beam, up and down
[E/M] Narrow beam up, medium beam down
[E/E] Narrow beam, up and down
[M/S] Medium beam up, 'side throw' down
[E/S] Narrow beam up, 'side throw' down

Suitable for downlighting, façade and uplighting applications

	One-sided	Two-sided
QLS410	[R45] [M] [E] [S]	[R45/R45] [M/R45] [E/R45] [M/M] [E/M] [E/E] [M/S] [E/S]
	6-13 W	12-26 W
	470-1130 lm	970-2260 lm



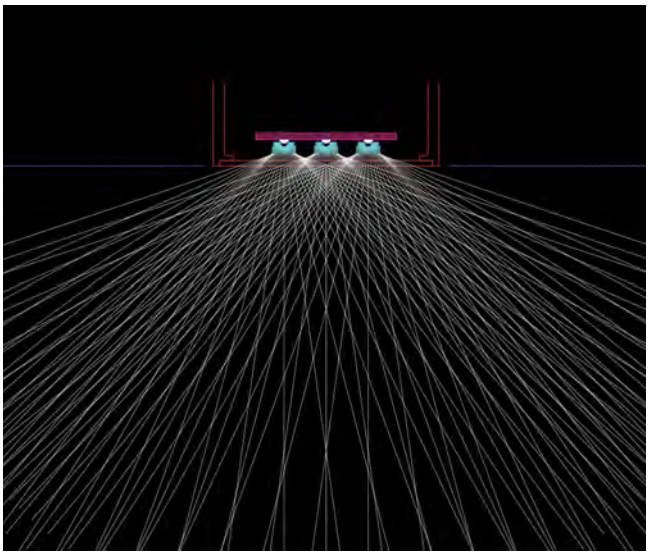
	One-sided	Two-sided
QLS420	[R45] [M] [E] [S]	[R45/R45] [M/R45] [E/R45] [M/M] [E/M] [E/E] [M/S] [E/S]
	12-26 W	24-52 W
	940-2260 lm	1930-4520 lm



- For detailed specifications, product codes and latest performance data, refer to www.we-ef.com
- Shown above are rated lumens for 3000 K at T_q = 25°C
- For accessories, refer to www.we-ef.com
- ADA (American Disability Act) compliant

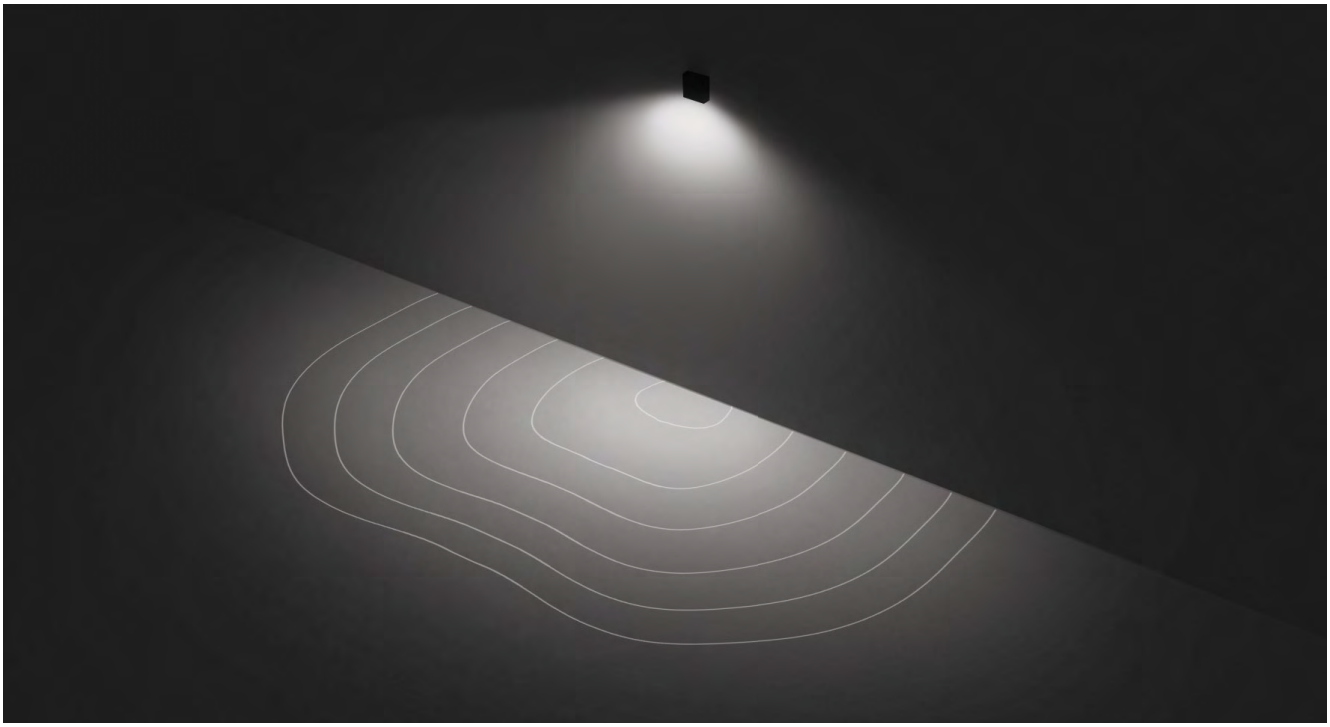
Minimalist Aesthetics

The luminaire can be seamlessly integrated into architecture to provide functional lighting for various applications ranging from illuminating buildings, façades and more. Shown on this page is an example of a QLS410 [R45] installation.



QLS410 [R45] Ray-tracing

This CAD ray-tracing simulation demonstrates the [R45] optics' broad downward light distribution as well as its glare control qualities. The combined 'side throw' and 'forward throw' of light delivers uniform coverage for large areas.



Area and Pathway Lighting Qualities

Typical isolux diagram of a single-unit QLS410 [R45] installation. Several luminaires installed in a row provide excellent illumination for a building's passageways, its perimeter etc.

RLS400

Luminaire housing:	Marine-grade, die-cast aluminium alloy
Corrosion protection:	5CE, including PCS hardware
Driver:	Integral EC electronic converter
Main lens:	Safety glass
Gasketing:	Silicone CCG® Controlled Compression Gasket
Optics:	IOS® Innovative Optical System
	CAD-optimised for superior illumination and glare control
	OLC® One LED Concept
Installation:	FS Factory-sealed luminaire does not need to be opened during installation
Control options:	ON/OFF, 1-10 V, DALI

IP66 IK08

Available distributions:
[R45] [M] [E]

Standard colours – AU/NZ

RAL 9004 9006 9007 9016

Standard colours – AP

RAL 9004 9007 7016 9016

WALL SURFACE MOUNTED

[R45] Rectangular 'side throw'
[M] Symmetric, medium beam
[E] Symmetric, narrow beam

Suitable for downlighting, façade and uplighting applications

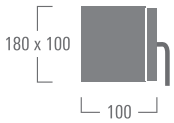
RLS410

[R45] [M] [E]

6-13 W

460-1200 lm

Max. 1 internal accessory



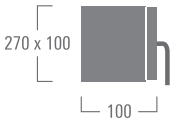
RLS420

[R45] [M] [E]

12-26 W

930-2400 lm

Max. 1 internal accessory



- For detailed specifications, product codes and latest performance data, refer to www.we-ef.com
- Shown above are rated lumens for 3000 K at T_q = 25°C
- For accessories, refer to www.we-ef.com
- ADA (American Disability Act) compliant

SLS400 / VLS400

Luminaire housing:	Marine-grade, die-cast aluminium alloy
Corrosion protection:	5CE, including PCS hardware
Driver:	Integral EC electronic converter
Main lens:	Safety glass
Gasketing:	Silicone rubber gasket
Optics:	IOS® Innovative Optical System
	CAD-optimised for superior illumination and glare control
	OLC® One LED Concept
Installation:	FS Factory-sealed luminaire does not need to be opened during installation
Control options:	ON/OFF, 1-10 V, DALI

IP66 IK07

Available distributions:
[M] [E] [A60]
[M/M] [E/M] [E/E] [M/A60] [E/A60]

Standard colours – AU/NZ

RAL 9004 9006 9007 9016

Standard colours – AP

RAL 9004 9007 7016 9016

WALL SURFACE MOUNTED

[M] Symmetric, medium beam
[E] Symmetric, narrow beam
[A60] Asymmetric 'forward throw'

[M/M] Medium beam, up and down
[E/M] Narrow beam up, medium beam down
[E/E] Narrow beam, up and down
[M/A60] Medium beam up, 'forward throw' down
[E/A60] Narrow beam up, 'forward throw' down

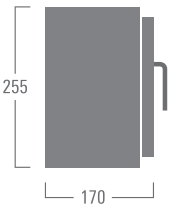
SLS400

VLS400

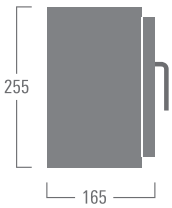
Suitable for downlighting, façade and uplighting applications

SLS410 / VLS410

One-sided [M] [E] [A60]	Two-sided [M/M] [E/M] [E/E] [M/A60] [E/A60]
6-13 W	12-26 W
220-1130 lm	720-2260 lm



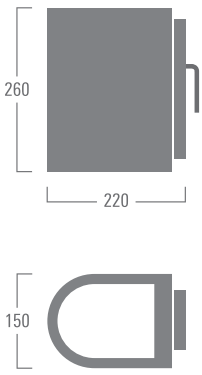
SLS410



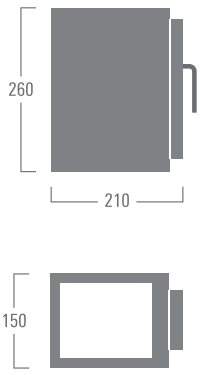
VLS410

SLS420 / VLS420

One-sided [M] [E] [A60]	Two-sided [M/M] [E/M] [E/E] [M/A60] [E/A60]
12-26 W	24-52 W
720-2260 lm	1720-4520 lm



SLS420



VLS420

- For detailed specifications, product codes and latest performance data, refer to www.we-ef.com
- Shown above are rated lumens for 3000 K at T_q = 25°C
- For accessories, refer to www.we-ef.com

Noltemeyer Bridge Urban Railway Station
Hannover (DE)
Light planning: Üstra Hannover

Noltemeyer Bridge Urban Railway Station

A Timely Blend of Functionality and Aesthetics

The distinct shape of WE-EF's OLV330 wall luminaires surface mounted perfectly matches the contemporary design of this highly frequented steel bridge across Hannover's Mittelland Canal, which also serves as a stop for the urban light rail system. While emphasising the structure of the bridge girders, the light distribution also fulfils all requirements for safe, pleasant and economical platform lighting.

OLV300

Luminaire housing:	Marine-grade, die-cast aluminium alloy
Corrosion protection:	5CE, including PCS hardware
Driver:	Integral EC electronic converter
Main lens:	Safety glass. Polycarbonate, UV-stabilised for IK10 – on request
Gasketing:	Silicone CCG® Controlled Compression Gasket
Optics:	IOS® Innovative Optical System
	CAD-optimised for superior illumination and glare control
	OLC® One LED Concept
Installation:	FS Factory-sealed luminaire does not need to be opened during installation
Control options:	ON/OFF, 1-10 V, DALI

OLV330 / OLV334	IP65	IK08
OLV340 / OLV344	IP65	IK07

Henry Rolland Park
Canberra (AU)
Lighting design: John Raineri & Associates

Available distributions:
[M] [EES]
[S70] [A60] [R65]

Standard colours – AU/NZ

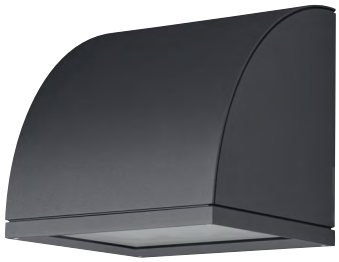
RAL 9004 9006 9007 9016

Standard colours – AP

RAL 9004 9007 7016 9016

WALL SURFACE MOUNTED

[M] Symmetric, medium beam
[EES] Symmetric, very narrow beam, 'sharp cut-off'
[S70] Asymmetric 'side throw'
[A60] Asymmetric 'forward throw'
[R65] Rectangular 'side throw'



Luminaire can be mounted for up or down lighting

OLV330

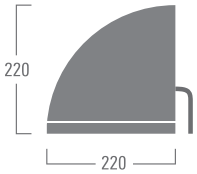
[M] [EES]

12-18 W
1390-1960 lm

OLV334

[S70] [A60] [R65]

12-24 W
1210-2340 lm



OLV330/334

OLV340

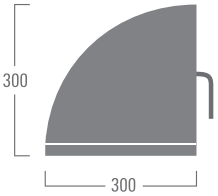
[M] [EES]

24-36 W
2800-4110 lm

OLV344

[S70] [A60] [R65]

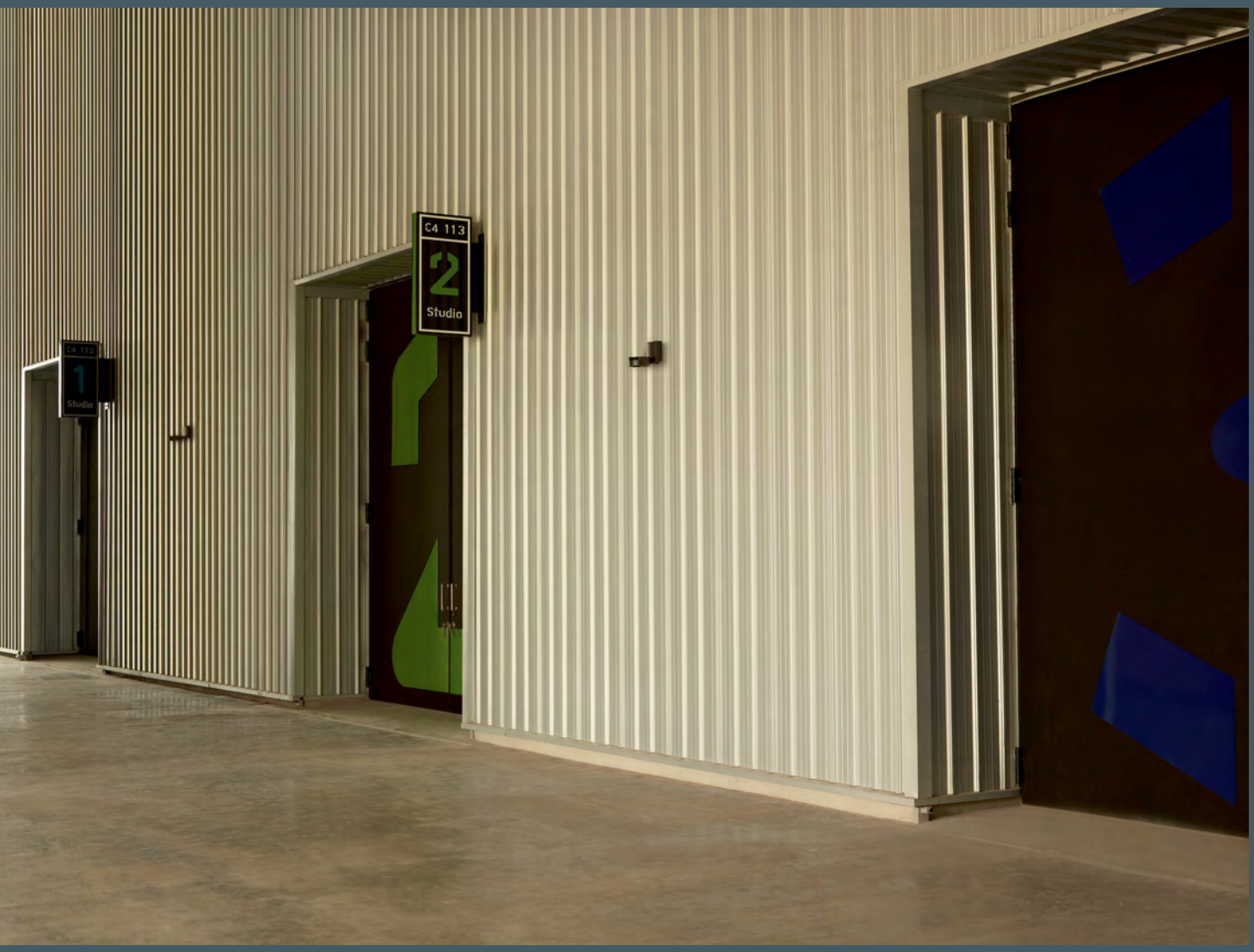
24-48 W
2420-4680 lm



OLV340/344

- For detailed specifications, product codes and latest performance data, refer to www.we-ef.com
- Shown above are rated lumens for 3000 K at T_q = 25°C

FLC102



Luminaire housing:	Marine-grade, die-cast aluminium alloy
Corrosion protection:	5CE, including PCS hardware
Driver:	Integral EC electronic converter in thermally-separated compartment
Main lens:	Safety glass
Gasketing:	Silicone CCG® Controlled Compression Gasket
Optics:	IOS® Innovative Optical System
	CAD-optimised for superior illumination and glare control
	OLC® One LED Concept
Mains connection:	FLC122 – one cable entry
	FLC142 – two cable entries
Control options:	ON/OFF, 1-10 V, DALI

IP55 IK07

Available distributions:
[B] [M] [EE] [EES]

Standard colours – AU/NZ
RAL 9004 9006 9007 9016

Standard colours – AP
RAL 9004 9007 7016 9016

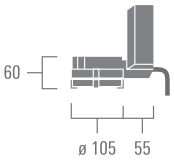
WALL SURFACE MOUNTED

[B] Symmetric, wide beam
[M] Symmetric, medium beam
[EE] Symmetric, very narrow beam
[EES] Symmetric, very narrow beam, 'sharp cut-off'

FLC122

[B] [M] [EE] [EES]

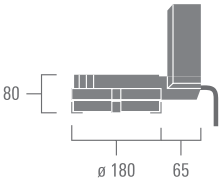
12 W
1140-1370 lm



FLC142

[B] [M] [EE] [EES]

48 W
4570-5460 lm



- For detailed specifications, product codes and latest performance data, refer to www.we-ef.com
- Shown above are rated lumens for 3000 K at T_q = 25°C

Luminaire housing:	Marine-grade, die-cast aluminium alloy
Corrosion protection:	5CE, including PCS hardware
Driver:	Integral EC electronic converter in thermally-separated compartment
Main lens:	Safety glass, hinged
Gasketing:	Silicone CCG® Controlled Compression Gasket
Optics:	IOS® Innovative Optical System
	CAD-optimised for superior illumination and glare control
	OLC® One LED Concept
Mains connection:	One cable gland
Control options:	ON/OFF, 1-10 V or DALI on request

IP66 IK08

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

Available distributions:
[S65] [A60] [R65]

Standard colours – AU/NZ

RAL 9004 9006 9007 9016

Standard colours – AP

RAL 9004 9007 7016 9016

WALL SURFACE MOUNTED

[S65] Asymmetric 'side throw'
[A60] Asymmetric 'forward throw'
[R65] Rectangular 'side throw'

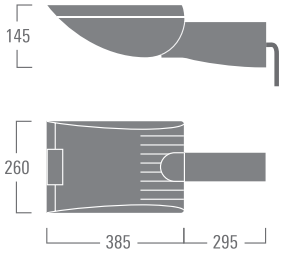
Suitable for downlighting, façade and uplighting applications

For matching pole mounted luminaires, refer to page 320

FLA441

[S65] [A60] [R65]

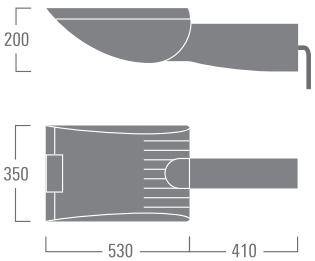
36-54 W
3230-5630 lm
Max. 1 internal accessory (36 W only)



FLA461

[S65] [A60] [R65]

72-108 W
6460-11250 lm
Max. 1 internal accessory (72 W only)



- For detailed specifications, product codes and latest performance data, refer to www.we-ef.com
- Shown above are rated lumens for 3000 K at T_q = 25°C
- For accessories, refer to www.we-ef.com

PIA200

Luminaire housing:	Marine-grade, die-cast aluminium alloy
Corrosion protection:	5CE, including PCS hardware
Driver:	Integral EC electronic converter in thermally-separated compartment
Main lens:	Safety glass, hinged
Gasketing:	Silicone CCG® Controlled Compression Gasket
Optics:	IOS® Innovative Optical System
	CAD-optimised for superior illumination and glare control
	OLC® One LED Concept
Mains connection:	Two cable entries
Control options:	ON/OFF, 1-10 V or DALI on request

IP66 IK08

McCarran International Airport Terminal 3
Las Vegas (US)
Lighting design: Horton Lees Brogden

Available distributions:
[S65] [A60] [R65]

Standard colours – AU/NZ

RAL 9004 9006 9007 9016

Standard colours – AP

RAL 9004 9007 7016 9016

WALL SURFACE MOUNTED

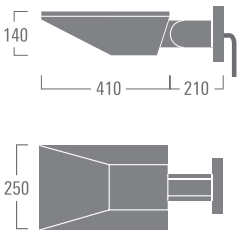
[S65] Asymmetric 'side throw'
[A60] Asymmetric 'forward throw'
[R65] Rectangular 'side throw'

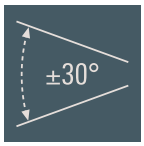
Suitable for downlighting and uplighting applications

PIA230

[S65] [A60] [R65]

24-36 W
2060-3540 lm
Max. 1 internal accessory



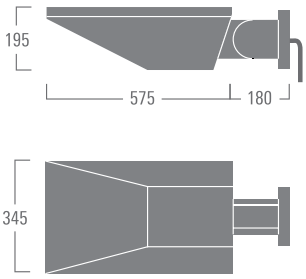


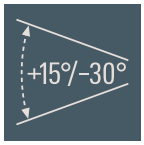
Tilt angle

PIA240

[S65] [A60] [R65]

54-72 W
5240-7500 lm
Max. 1 internal accessory





Tilt angle

- For detailed specifications, product codes and latest performance data, refer to www.we-ef.com
- Shown above are rated lumens for 3000 K at T_q = 25°C
- For accessories, refer to www.we-ef.com

XLO200 / DLO200 / DLG200 / DLS200 / DLB200

Luminaire housing:	Marine-grade, die-cast aluminium alloy
Corrosion protection:	5CE, including PCS hardware
Driver:	Integral EC electronic converter
Main lens:	Polycarbonate, UV-stabilised
Gasketing:	Silicone rubber gasket
Optics:	CAD-optimised for superior illumination and glare control
	OLC® One LED Concept
Installation:	FS Factory-sealed luminaire does not need to be opened during installation
	Integral motion sensor is factory-installed, must be specified at time of ordering
Control options:	ON/OFF, 1-10 V, DALI
	Integral motion sensor; refer to www.we-ef.com

IP55 IK10

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

Available distribution:
Diffused

Standard colours – AU/NZ

RAL 9004 9006 9007 9016

Standard colours – AP

RAL 9004 9007 7016 9016

WALL SURFACE MOUNTED

XLO200

DLO200

DLG200

DLS200

DLB200

XLO229 — Diffused — 12 W — 1040 lm

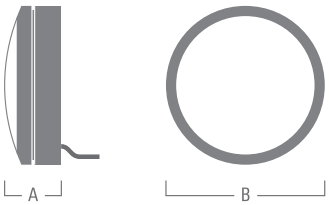
XLO239 — Diffused — 24 W — 2150 lm

DLO229 / DLG229 — Diffused — 12 W — 1040 lm

DLO239 / DLG239 — Diffused — 24 W — 2150 lm

DLS229 / DLB229 — Diffused — 12 W — 730 lm

DLS239 / DLB239 — Diffused — 24 W — 1510 lm



	A	B
XLO229	85	ø 300
XLO239	125	ø 400
DLO229	85	ø 262
DLO239	125	ø 350
DLG / DLS / DLB229	100	ø 262
DLG / DLS / DLB239	140	ø 350

- For detailed specifications, product codes and latest performance data, refer to www.we-ef.com
- Shown above are rated lumens for 3000 K at T_q = 25°C
- ADA (American Disability Act) compliant; for listed versions only XLO229 / DLO229 / DLG229 / DLS229 / DLB229

QLO200

Luminaire housing:	Marine-grade, die-cast aluminium alloy
Corrosion protection:	5CE, including PCS hardware
Driver:	Integral EC electronic converter
Main lens:	Polycarbonate, UV-stabilised
Gasketing:	Silicone rubber gasket
Optics:	CAD-optimised for superior illumination and glare control
	OLC® One LED Concept
Installation:	FS Factory-sealed luminaire does not need to be opened during installation
Control options:	ON/OFF, 1-10 V, DALI

IP55 IK10

Medienzentrum
Leipzig (DE)
Architect: Architekturbüro von Gerkan, Marg und Partner
Lighting design: Ebert-Ingenieure

Available distribution:
Diffused

Standard colours – AU/NZ

RAL 9004 9006 9007 9016

Standard colours – AP

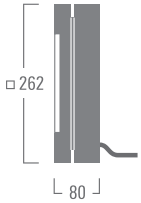
RAL 9004 9007 7016 9016

QLO229

Diffused

6 W

160 lm

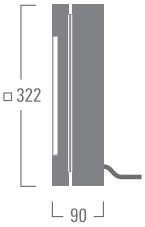


QLO239

Diffused

8 W

290 lm



- For detailed specifications, product codes and latest performance data, refer to www.we-ef.com
- Shown above are rated lumens for 3000 K at T_q = 25°C
- ADA (American Disability Act) compliant

WE-EF LIGHTING Co Ltd
57 Moo 5 Kingkaew Road
Bangplee, Samutprakarn 10540
Thailand
Tel +66 2 738 9610
Fax +66 2 175 2174
www.we-ef.com