

we-ef

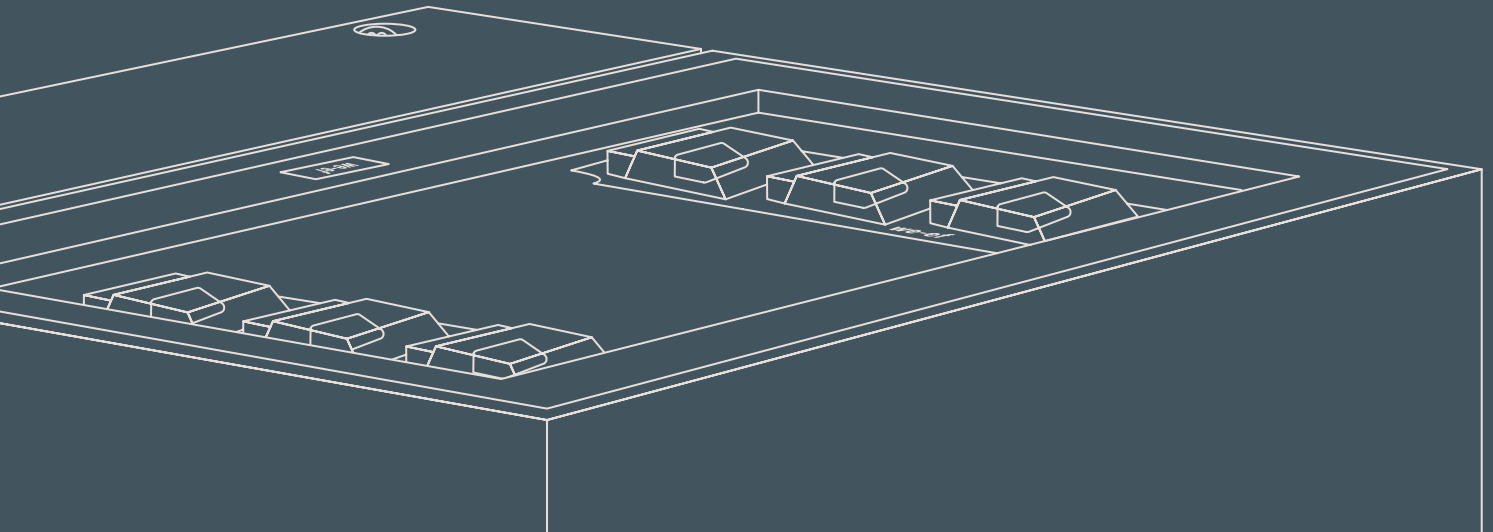
WE-EF LEUCHTEN

General Catalogue

European Edition



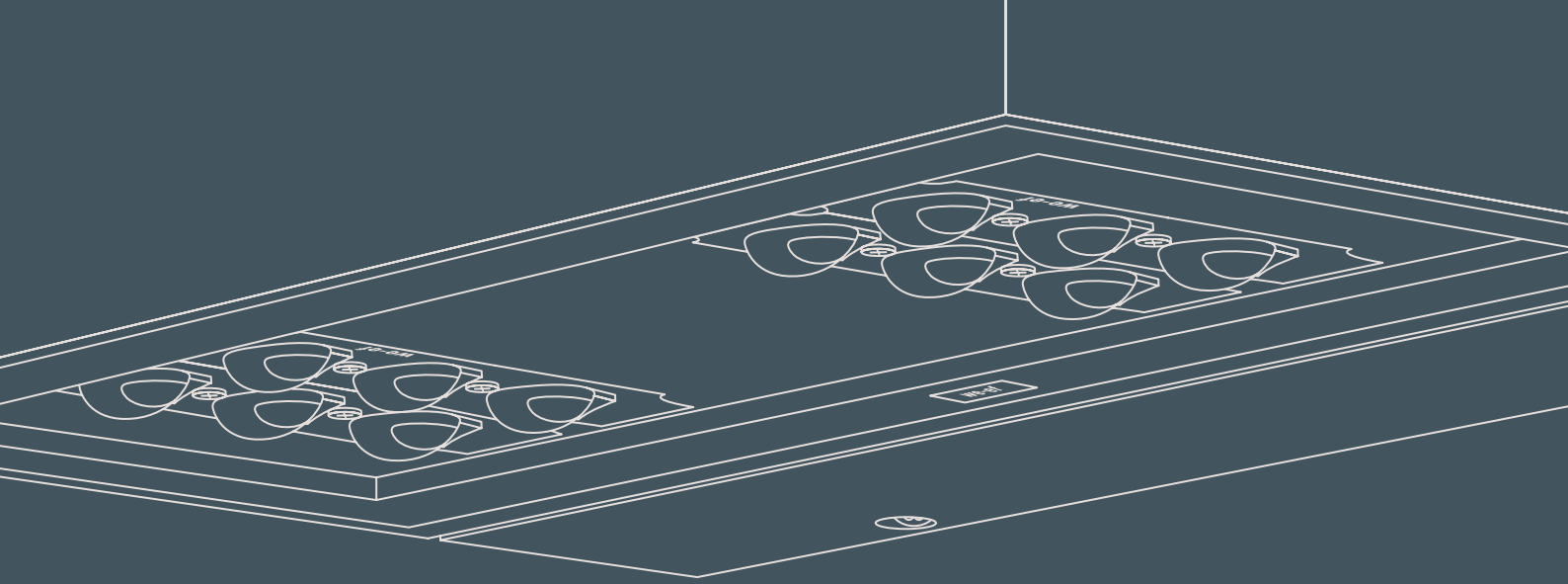
Wall luminaires surface mounted



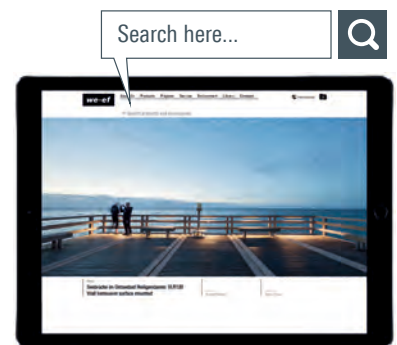
Versatile. Effective. Easily installed. Wall luminaires - surface mounted by WE-EF are the straightforward way to excellent exterior lighting.

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.



| | |
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| VLR100 | 108 |
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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. 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)

Lighting design: Institut für Gebäude + Energie + Licht Planung,
Prof. Dr.-Ing. Thomas Römhild, Wismar



| | |
|-----------------------|--|
| Luminaire housing: | Marine-grade, die-cast aluminium construction. Anodized aluminium extrusion |
| Corrosion protection: | 5CE, including PCS hardware |
| Driver: | Separated EC electronic converter |
| Main lens: | PMMA |
| Gasketing: | Silicone rubber gasket |
| Installation: | 1.2 m connecting cable, UV-stabilised, PVC free. Luminaire is factory-sealed and does not need to be opened during installation |
| Control: | DALI |

CLASS
1

IP67

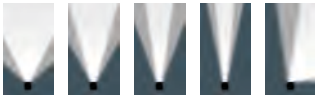
IK09

The Pier

Heiligendamm (DE)

Lighting design: Institut für Gebäude + Energie
+ Licht Planung, Prof. Dr. Ing. Thomas Röhmhild**Available distributions:**[LB] [LM] [LE] [LEE] [LA10]
[LB/IW] [LM/IW] [LE/IW]**Standard colours:**

RAL 9004 9006 9007 7016 9016



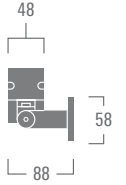
- [LB] Symmetric linear, wide beam
- [LM] Symmetric linear, medium beam
- [LE] Symmetric linear, narrow beam
- [LEE] Symmetric linear, very narrow beam
- [LA10] Asymmetric linear, wallwash



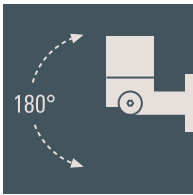
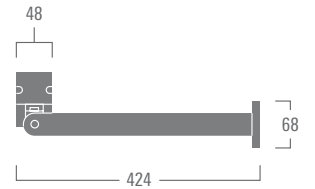
- [LB/IW] Symmetric, linear wide beam with Honeycomb Louvre
- [LM/IW] Symmetric, linear medium beam with Honeycomb Louvre
- [LE/IW] Symmetric, linear narrow beam with Honeycomb Louvre



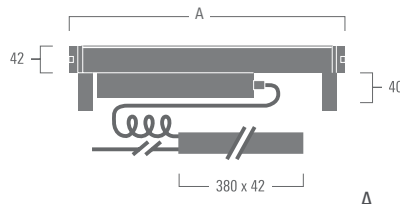
VLR100
[LB] [LM] [LE] [LEE]



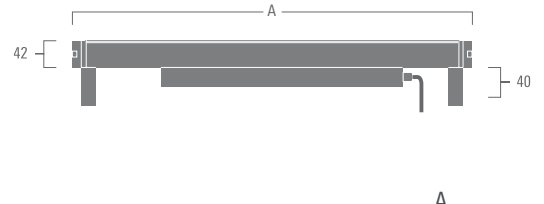
VLR100
[LA10]



180° Vertical aiming range



VLR110 A 328



| | |
|--------|--------|
| VLR120 | A 628 |
| VLR130 | A 928 |
| VLR140 | A 1228 |
| VLR150 | A 1528 |

VLR110

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

VLR120 / 130 / 140

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

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

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

VLR150

- [LB] [LM] [LE] [LEE]
- [LB/IW] [LM/IW] [LE/IW]
- 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

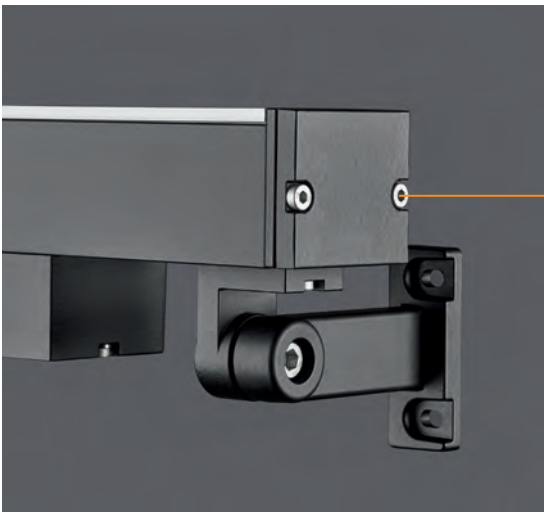
Whether it is straightforward uniformity of light that is required for a feature wall, or highly creative lighting effects on an embellished vertical surface, linear luminaires often deliver – or are at least part of – the solution. With a choice of five distinctly different light distributions, the 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.



| | |
|-----------------------|--|
| 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: | CAD-optimised for superior illumination and glare control OLC® One LED Concept |
| Installation: | Two cable entries. Luminaire is factory-sealed and does not need to be opened during installation |
| Control: | Optional DALI version available. To be specified at time of ordering |

CLASS
I

IP66

IK08

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

Standard colours:



RAL 9004 9006 9007 7016 9016



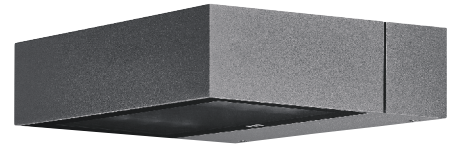
[M] Symmetric, medium beam

[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]

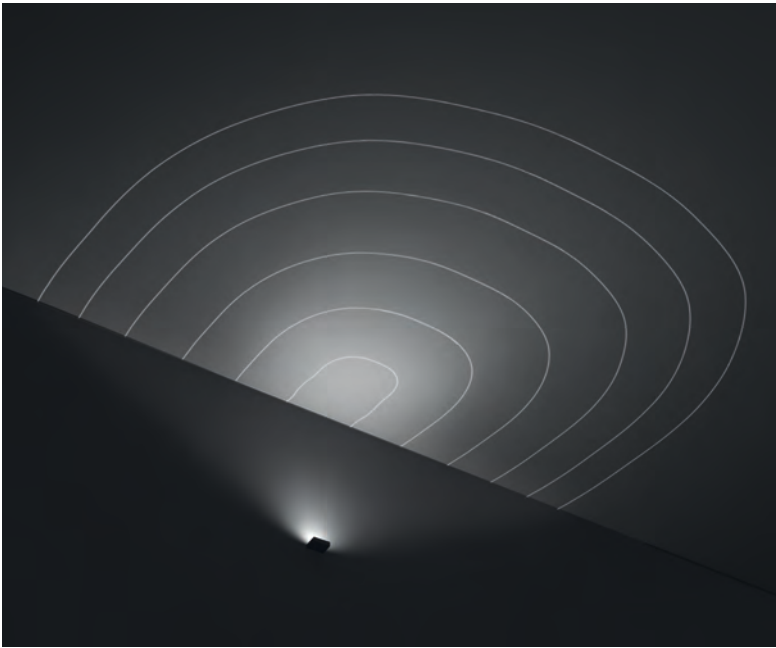
24-52 W

1600-4800 lm

Max. 1 internal accessory

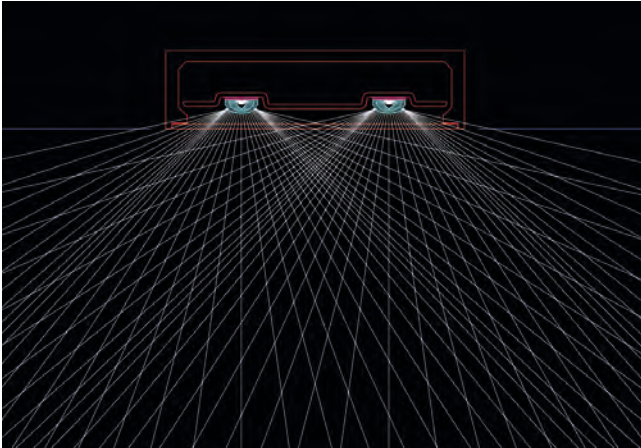


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- Shown above are rated lumens for 3000 K at $T_q = 25^\circ\text{C}$
- For accessories, refer to www.we-ef.com

**PLS400 series**

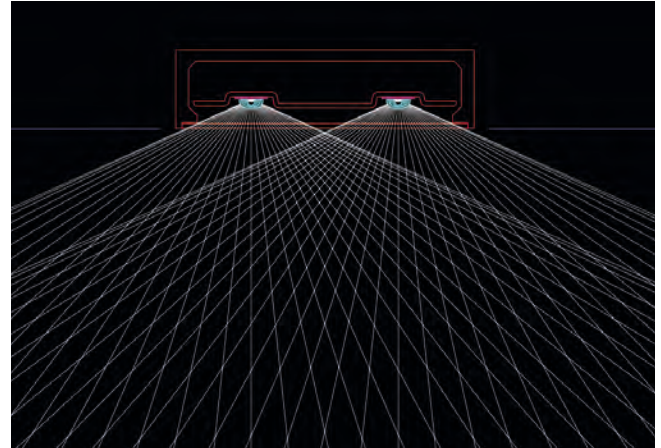
With five different light distributions to choose from, the PLS400 series luminaires are ideal tools for a large variety of façade and area lighting applications, especially in an architectural setting.





PLS400 series – Ray-tracing

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



PLS400 series – Ray-tracing

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



PLS400 series [S70]



| | |
|-----------------------|---|
| 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: | CAD-optimised for superior illumination and glare control OLC® One LED Concept |
| Installation: | Two cable entries |
| Control: | Optional DALI version available. To be specified at time of ordering |

CLASS
1

IP66

IK07

Available distributions:

[R45] [M] [E]
[M/R45] [E/R45] [M/M] [E/M] [E/E]

Standard colours:


 RAL 9004 9006 9007 7016 9016



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



[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

Suitable for downlighting, façade and uplighting applications

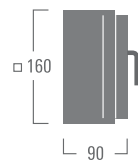
QLS410

One-sided
 [R45] [M] [E]

6-13 W
 500-1130 lm

Two-sided
 [M/R45] [E/R45] [M/M] [E/M] [E/E]

12 W
 1000-1120 lm



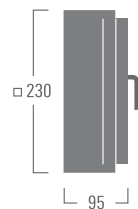
QLS420

One-sided
 [R45] [M] [E]

12-26 W
 1000-2260 lm

Two-sided
 [M/R45] [E/R45] [M/M] [E/M] [E/E]

24 W
 1990-2230 lm

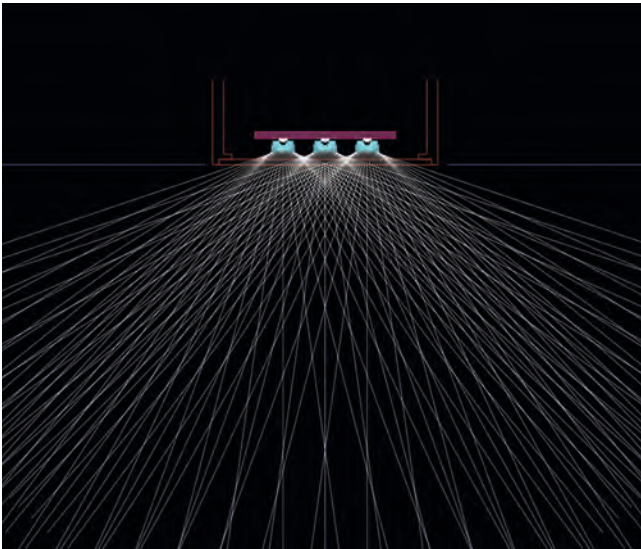


- For detailed specifications, product codes and latest performance data, refer to www.we-ef.com
- Shown above are rated lumens for 3000 K at $T_q = 25^\circ\text{C}$
- For accessories, refer to www.we-ef.com



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 QLS400 series [R45] installation.



QLS400 series – 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 QLS400 series [R45] installation. Several luminaires installed in a row provide excellent illumination for a building's passageways, its perimeter etc.



| | |
|-----------------------|--|
| 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: | CAD-optimised for superior illumination and glare control OLC® One LED Concept |
| Installation: | Two cable entries. Luminaire is factory-sealed and does not need to be opened during installation |
| Control: | Optional DALI version available. To be specified at time of ordering |

CLASS
1

IP66

IK08

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

Standard colours:



RAL 9004 9006 9007 7016 9016



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



Suitable for downlighting, façade and uplighting applications

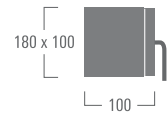
RLS410

[R45] [M] [E]

6-13 W

460-1200 lm

Max. 1 internal accessory



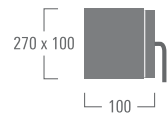
RLS420

[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 $T_q = 25^\circ\text{C}$
- For accessories, refer to www.we-ef.com



- 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: CAD-optimised for superior illumination and glare control
OLC® One LED Concept
- Installation: Two cable entries
- Control: Optional DALI version available. To be specified at time of ordering

CLASS
1

IP66

IK07

Available distributions:

[M] [E] [A60]

[M/M] [E/M] [E/E] [E/A60]

Standard colours:



RAL 9004 9006 9007 7016 9016



[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
 [E/A60] Narrow beam up and 'forward throw' down



SLS400



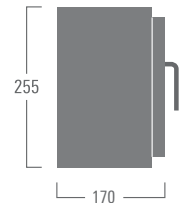
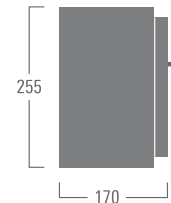
VLS400

Suitable for downlighting, façade and uplighting applications

SLS410 / VLS410

One-sided
 [M] [E] [A60]
 6-13 W
 220-1130 lm

Two-sided
 [M/M] [E/M] [E/E] [E/A60]
 12 W
 780-1120 lm



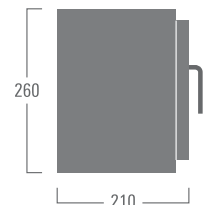
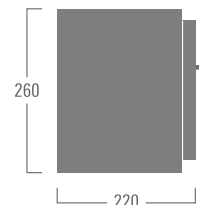
SLS410

VLS410

SLS420 / VLS420

One-sided
 [M] [E] [A60]
 12-26 W
 720-2260 lm

Two-sided
 [M/M] [E/M] [E/E] [E/A60]
 24 W
 1840-2230 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 $T_q = 25^\circ\text{C}$
- For accessories, refer to www.we-ef.com



Noltemeyer Bridge Urban Railway Station

Hanover (DE)

Lighting design: Üstra Hanover



Noltemeyer Bridge Urban Railway Station

A Timely Blend of Functionality and Aesthetics

The distinct shape of WE-EF's OLV300 series wall mounted luminaires perfectly matches the contemporary design of this highly frequented steel bridge across Hanover'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.



- 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: CAD-optimised for superior illumination and glare control
OLC® One LED Concept
- Installation: Two cable entries
- Control: Optional DALI version available. To be specified at time of ordering

CLASS
1

IP65

IK07

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

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

Standard colours:





[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

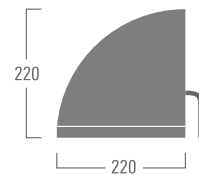
[M] [EES]

12-18 W
1390-1960 lm

OLV334

[S70] [A60] [R65]

12-24 W
1390-1960 lm



OLV330/334

OLV340

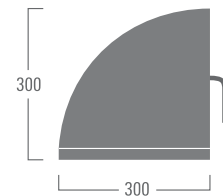
[M] [EES]

24-36 W
2810-4110 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 $T_q = 25^\circ\text{C}$



| | |
|-----------------------|---|
| Luminaire housing: | Marine-grade, die-cast aluminium alloy |
| Corrosion protection: | 5CE, including PCS hardware |
| Driver: | Integral EC electronic converter |
| Main lens: | Safety glass, hinged |
| Gasketing: | Silicone CCG® Controlled Compression Gasket |
| Optics: | CAD-optimised for superior illumination and glare control OLC® One LED Concept |
| Installation: | Two cable entries |
| Control: | Optional DALI version available. To be specified at time of ordering |

| |
|------------|
| CLASS 1 |
|------------|

| |
|------|
| IP66 |
|------|

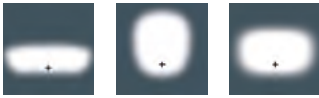
| |
|------|
| IK08 |
|------|

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

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

Standard colours:





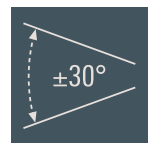
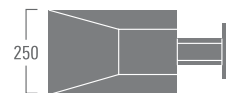
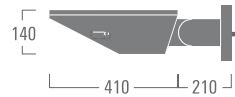
[S65] Asymmetric 'side throw'
 [A60] Asymmetric 'forward throw'
 [R65] Rectangular 'side throw'



PIA230

[S65] [A60] [R65]

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

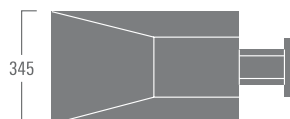
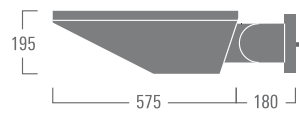


Tilt angle

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 $T_q = 25^\circ\text{C}$
- For accessories, refer to www.we-ef.com



| | |
|-----------------------|--|
| 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 |
| Installation: | Two cable entries |
| Control: | Optional DALI version available. To be specified at time of ordering |

| |
|------------|
| CLASS 1 |
|------------|

| |
|------|
| IP55 |
|------|

| |
|------|
| IK10 |
|------|

Temple Quay
Bristol (UK)
Architect: Landscape Projects,
Manchester / London

Available distribution:
Diffused

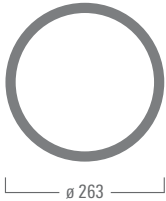
Standard colours:

| | | | | |
|---|---|---|---|---|
|  |  |  |  |  |
| RAL 9004 | 9006 | 9007 | 7016 | 9016 |



DLO229

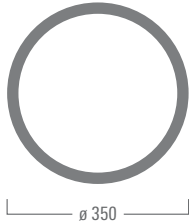
Diffused
12 W
1040 lm



DLO229

DLO239

Diffused
24 W
2150 lm



DLO239



- For detailed specifications, product codes and latest performance data, refer to www.we-ef.com
- Shown above are rated lumens for 3000 K at $T_q = 25^\circ\text{C}$



- 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
- Installation: Two cable entries
- Control: Optional DALI version available. To be specified at time of ordering

CLASS
I

IP55

IK10

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

Available distribution:
Diffused

Standard colours:



RAL 9004 9006 9007 7016 9016



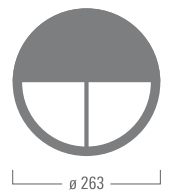
DLB200



DLG200

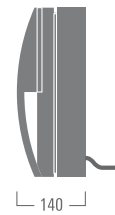


100

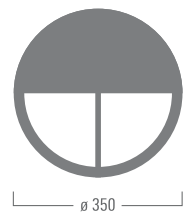


ø 263

DLB229



140



ø 350

DLB239

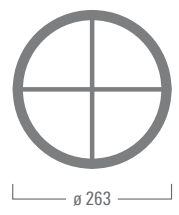
DLB229 / DLG229

Diffused

12 W
1040 lm



100



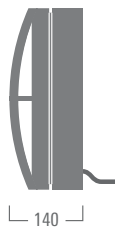
ø 263

DLG229

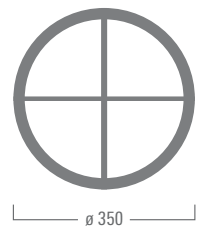
DLB239 / DLG239

Diffused

24 W
2150 lm



140



ø 350

DLG239



2700 K 3000 K 4000 K

- For detailed specifications, product codes and latest performance data, refer to www.we-ef.com
- Shown above are rated lumens for 3000 K at $T_q = 25^\circ\text{C}$

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