

**we-ef**

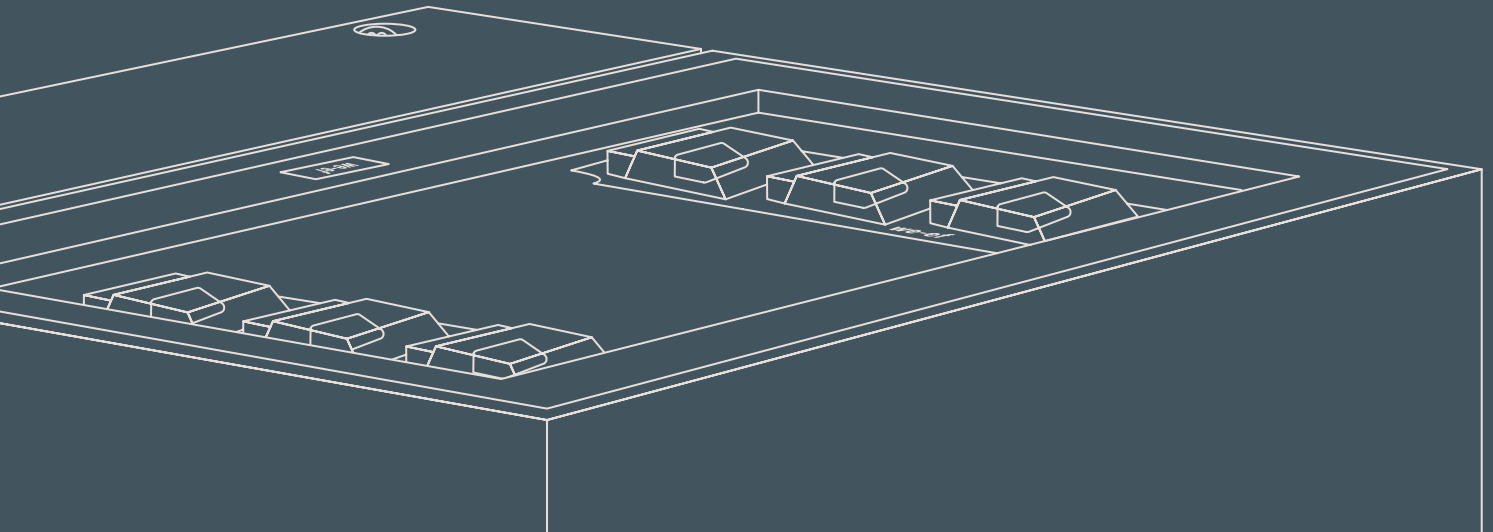
**WE-EF LIGHTING USA**

General Catalog

North American Edition



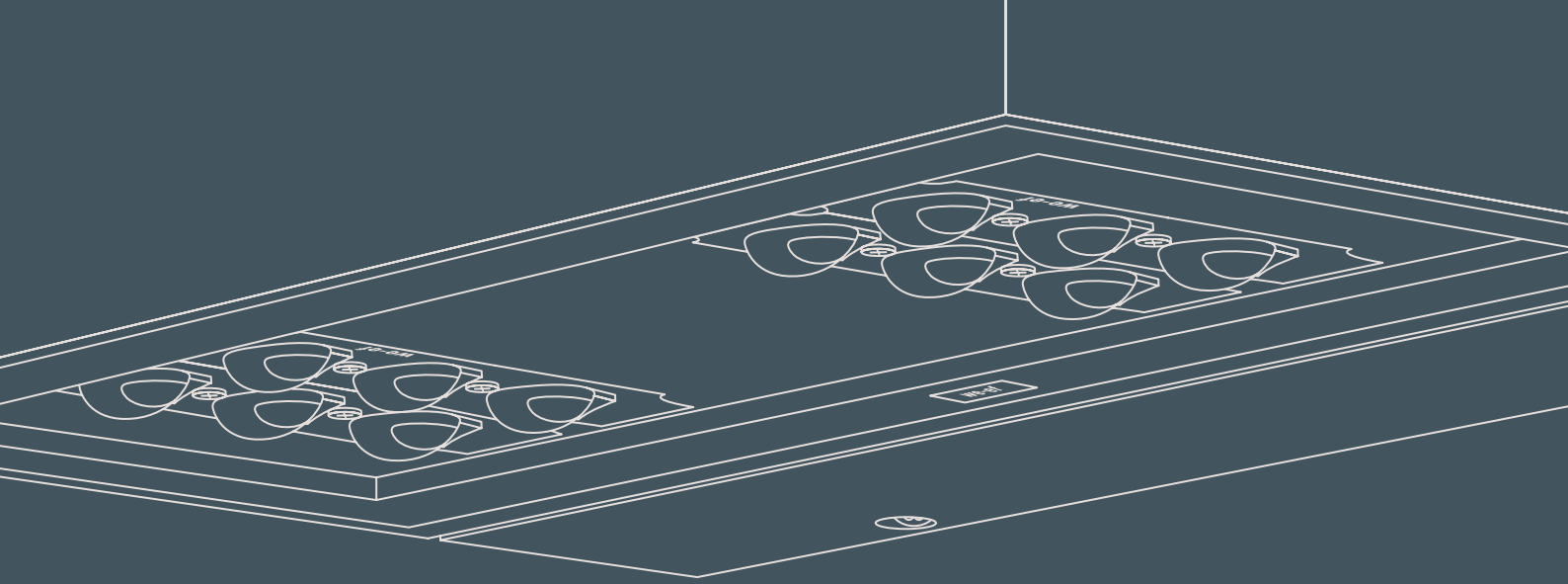
# Wall luminaires surface mounted



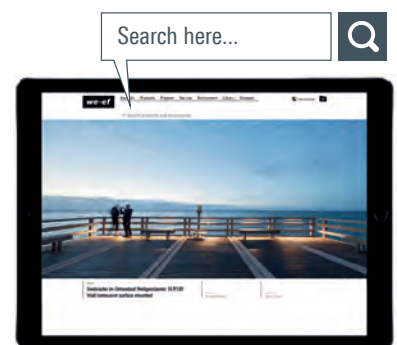
**Versatile. Effective. Easily installed. Wall luminaires - surface mounted by WE-EF are the straightforward way to excellent exterior lighting.**

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.



VLR100	122
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**Wall luminaires surface mounted**

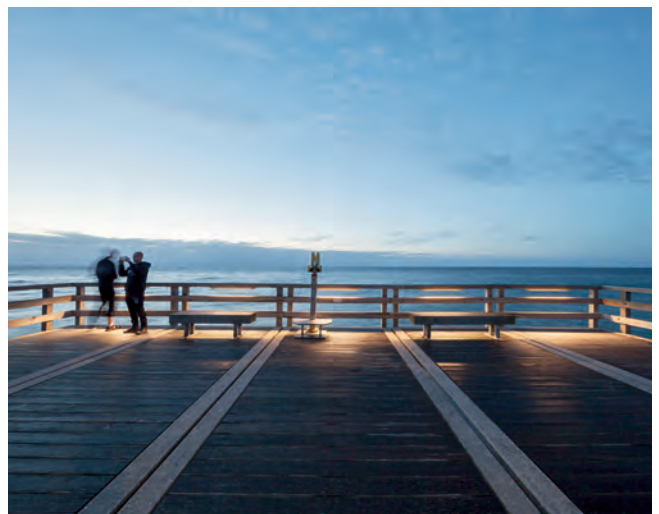
For detailed specifications, product codes and latest performance data, refer to [www.we-ef.com](http://www.we-ef.com)

# 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 aluminum construction. Anodized aluminum 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-stabilized, PVC free. Luminaire is factory-sealed and does not need to be opened during installation
Control:	0-10 V dimmable, to be specified with order

CLASS  
1

IP67

IK09

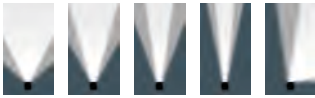
**The Pier**

Heiligendamm (DE)

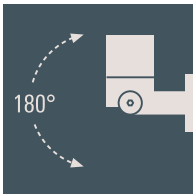
Lighting design: Institut für Gebäude + Energie  
+ Licht Planung, Prof. Dr. Ing. Thomas Röhmhild**Available distributions:**

[LW] [LM] [LN] [LVN] [LA10]

**Standard colors:**
  
RAL 9004 9007 8019 9016



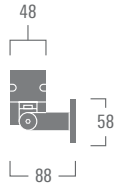
- [LW] Symmetric linear, wide beam
- [LM] Symmetric linear, medium beam
- [LN] Symmetric linear, narrow beam
- [LVN] Symmetric linear, very narrow beam
- [LA10] Asymmetric linear, wallwash



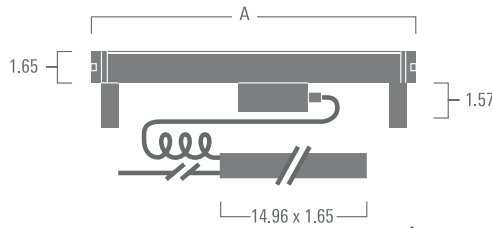
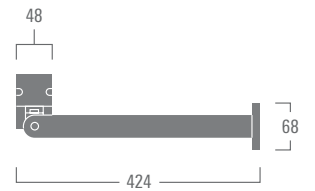
180° Vertical aiming range



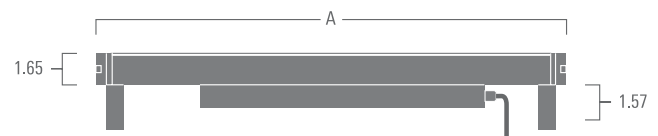
VLR100  
[LW] [LM] [LN] [LVN]



VLR100  
[LA10]



VLR110      A      12.91



Model	A
VLR120	24.72
VLR130	36.54
VLR140	48.35
VLR150	60.16

VLR110

[LW] [LM] [LN] [LVN]

10 W  
960-1200 lm

VLR120 / 130 / 140

[LW] [LM] [LN] [LVN] [LA10]

20 W  
1920-2410 lm

[LW] [LM] [LN] [LVN] [LA10]

30 W  
2870-3610 lm

[LW] [LM] [LN] [LVN] [LA10]

40 W  
3830-4810 lm

VLR150

[LW] [LM] [LN] [LVN]

50 W  
4790-6010 lm



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

### 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.

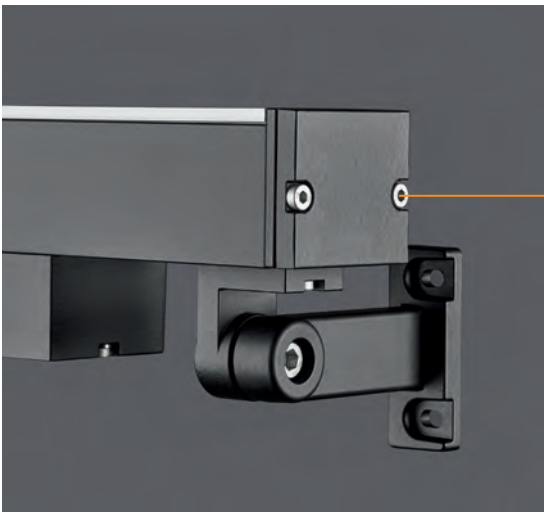






**Factory-sealed**

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 aluminum alloy
Corrosion protection:	5CE, including PCS hardware
Driver:	Integral EC electronic converter
Main lens:	Safety glass
Gasketing:	Silicone rubber gasket
Optics:	CAD-optimized 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:	0-10 V dimmable, to be specified with order

CLASS I
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IP66
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IK08
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Available distributions:  
[M] [N] [S70] [A60] [R65]

Standard colors:





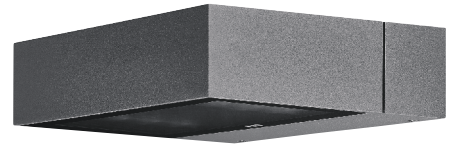
[M] Symmetric, medium beam

[N] Symmetric, narrow beam

[S70] Asymmetric 'side throw'

[A60] Asymmetric 'forward throw'

[R65] Rectangular 'side throw'



Suitable for downlighting, façade and uplighting applications

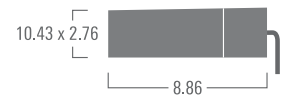
## PLS420

[M] [N] [S70] [A60] [R65]

12-26 W

800-2400 lm

Max. 1 internal accessory



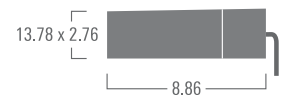
## PLS430

[M] [N] [S70] [A60] [R65]

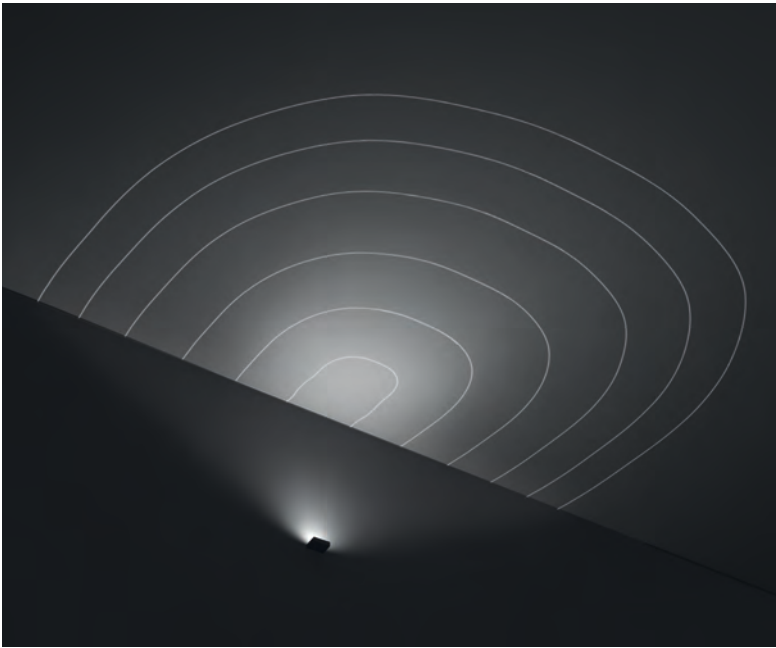
24-52 W

1600-4800 lm

Max. 1 internal accessory

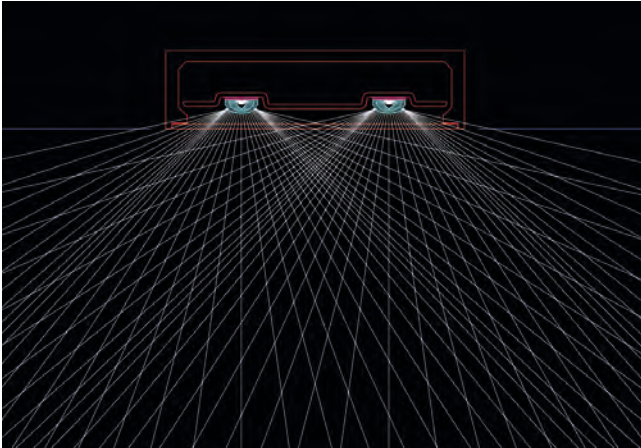


- For detailed specifications, product codes and latest performance data, refer to [www.we-ef.com](http://www.we-ef.com)
- Shown above are rated lumens for 3000 K at  $T_q = 25^\circ\text{C}$
- For accessories, refer to [www.we-ef.com](http://www.we-ef.com)

**PLS400 series**

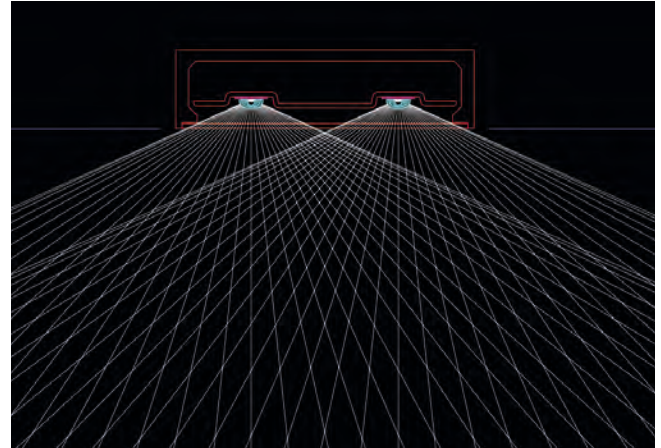
With five different light distributions to choose from, the PLS400 series luminaires are ideal tools for a large variety of façade and area lighting applications, especially in an architectural setting.





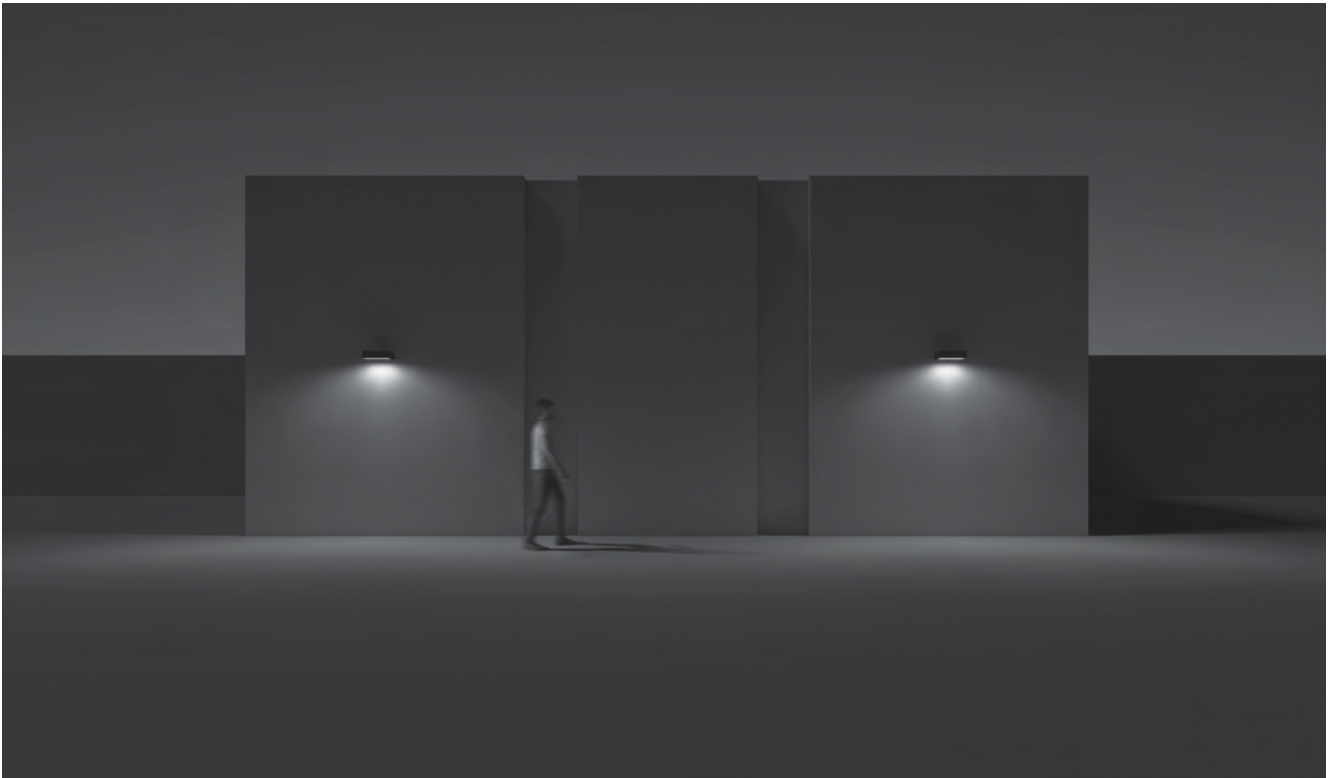
### PLS400 series – Ray-tracing

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 aluminum alloy
Corrosion protection:	5CE, including PCS hardware
Driver:	Integral EC electronic converter
Main lens:	Safety glass
Gasketing:	Silicone rubber gasket
Optics:	CAD-optimized for superior illumination and glare control OLC® One LED Concept
Installation:	Two cable entries
Control:	0-10 V dimmable, to be specified with order

CLASS 1
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IP66
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IK07
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**Available distributions:**

[R45] [M] [N]  
[M/R45] [N/R45] [M/M] [N/M] [N/N]

**Standard colors:**

			
RAL 9004	9007	8019	9016



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



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

Suitable for downlighting, façade and uplighting applications

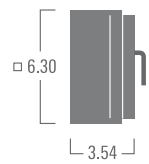
## QLS410

One-sided  
 [R45] [M] [N]

6-13 W  
 500-1130 lm

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

12 W  
 1000-1120 lm



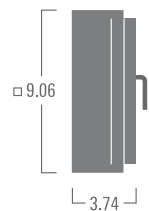
## QLS420

One-sided  
 [R45] [M] [N]

12-26 W  
 1000-2260 lm

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

24 W  
 1990-2230 lm



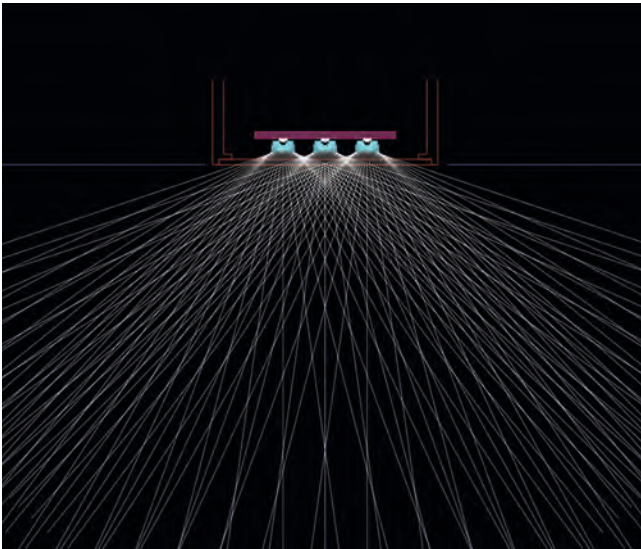
- For detailed specifications, product codes and latest performance data, refer to [www.we-ef.com](http://www.we-ef.com)
- Shown above are rated lumens for 3000 K at  $T_q = 25^\circ\text{C}$
- For accessories, refer to [www.we-ef.com](http://www.we-ef.com)



#### 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 aluminum alloy
Corrosion protection:	5CE, including PCS hardware
Driver:	Integral EC electronic converter
Main lens:	Safety glass
Gasketing:	Silicone CCG® Controlled Compression Gasket
Optics:	CAD-optimized 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:	0-10 V dimmable, to be specified with order

CLASS 1
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IP66
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IK08
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Available distributions:  
[R45] [M] [N]

Standard colors:

			
RAL 9004	9007	8019	9016



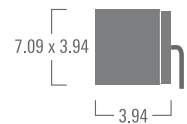
[R45] Rectangular 'side throw'  
 [M] Symmetric, medium beam  
 [N] Symmetric, narrow beam



Suitable for downlighting, façade and uplighting applications

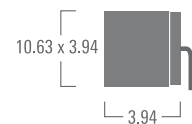
## RLS410

[R45] [M] [N]  
 6-13 W  
 460-1200 lm  
 Max. 1 internal accessory



## RLS420

[R45] [M] [N]  
 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](http://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](http://www.we-ef.com)



Luminaire housing:	Marine-grade, die-cast aluminum alloy
Corrosion protection:	5CE, including PCS hardware
Driver:	Integral EC electronic converter
Main lens:	Safety glass
Gasketing:	Silicone rubber gasket
Optics:	CAD-optimized for superior illumination and glare control OLC® One LED Concept
Installation:	Two cable entries
Control:	0-10 V dimmable, to be specified with order

CLASS  
1

IP66

IK07

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

Standard colors:

  
 RAL 9004 9007 8019 9016



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



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



SLS400



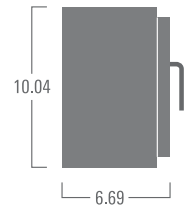
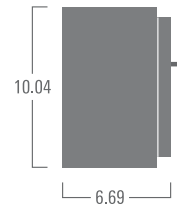
VLS400

Suitable for downlighting, façade and uplighting applications

SLS410 / VLS410

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

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



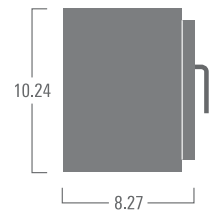
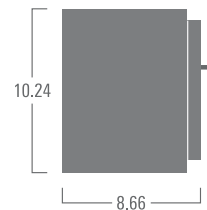
SLS410

VLS410

SLS420 / VLS420

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

Two-sided  
 [M/M] [N/M] [N/N] [E/A60]  
 24 W  
 1840-2230 lm



SLS420

VLS420



- For detailed specifications, product codes and latest performance data, refer to [www.we-ef.com](http://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](http://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 emphasizing 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 aluminum alloy
Corrosion protection:	5CE, including PCS hardware
Driver:	Integral EC electronic converter
Main lens:	Safety glass
Gasketing:	Silicone CCG® Controlled Compression Gasket
Optics:	CAD-optimized for superior illumination and glare control OLC® One LED Concept
Installation:	Two cable entries
Control:	0-10 V dimmable, to be specified with order

CLASS  
1

IP65

IK07

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

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

Standard colors:




  
 RAL 9004 9007 8019 9016





[M] Symmetric, medium beam

[VNS] 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

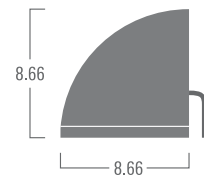
[M] [VNS]

12-18 W  
1390-1960 lm

OLV334

[S70] [A60] [R65]

12-24 W  
1390-1960 lm



OLV330/334

OLV340

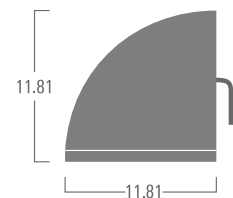
[M] [VNS]

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](http://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 aluminum 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-optimized for superior illumination and glare control OLC® One LED Concept
Installation:	Two cable entries
Control:	0-10 V dimmable, to be specified with order

CLASS  
I

IP66

IK08

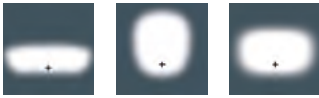
McCarran International Airport Terminal 3  
Las Vegas (US)  
Lighting design: Horton Lees Brogden

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

Standard colors:



RAL 9004 9007 8019 9016



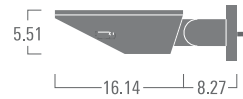
[S65] Asymmetric 'side throw'  
 [A60] Asymmetric 'forward throw'  
 [R65] Rectangular 'side throw'



PIA230

[S65] [A60] [R65]

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

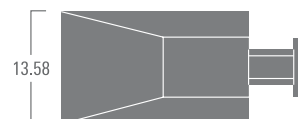
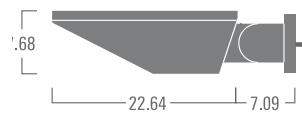


Tilt angle

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](http://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](http://www.we-ef.com)



- Luminaire housing: Marine-grade, die-cast aluminum alloy
- Corrosion protection: 5CE, including PCS hardware
- Driver: Integral EC electronic converter
- Main lens: Polycarbonate, UV-stabilized
- Gasketing: Silicone rubber gasket
- Optics: CAD-optimized 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: 0-10 V dimmable, to be specified with order

IP55

IK10



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

Available distribution:  
Diffused

Standard colors:

  
RAL 9004 9007 8019 9016



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

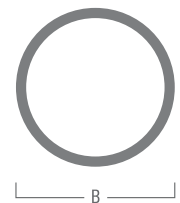
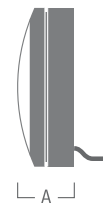
Diffused  
24 W  
2150 lm

DLS229 / DLB229

Diffused  
12 W  
730 lm

DLS239 / DLB239

Diffused  
24 W  
1510 lm



	A	B
XLO229	3.35	ø 11.81
XLO239	4.92	ø 15.75
DLO229	3.35	ø 10.32
DLO239	4.92	ø 13.78
DLG / DLS / DLB229	3.94	ø 10.32
DLG / DLS / DLB239	5.51	ø 13.78



- For detailed specifications, product codes and latest performance data, refer to [www.we-ef.com](http://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 aluminum alloy
- Corrosion protection: 5CE, including PCS hardware
- Driver: Integral EC electronic converter
- Main lens: Polycarbonate, UV-stabilized
- Gasketing: Silicone rubber gasket
- Optics: CAD-optimized 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: 0-10 V dimmable, to be specified with order

IP55

IK10

**Medienzentrum**

Leipzig (DE)

Architect: Architekturbüro von Gerkan,  
Marg und Partner

Lighting design: Ebert-Ingenieure

**Available distribution:**

Diffused

**Standard colors:**

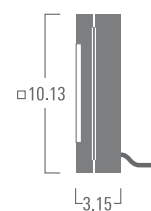
RAL 9004 9007 8019 9016



QL0229

Diffused

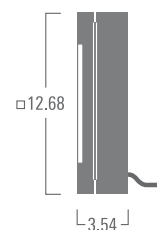
6 W  
160 lm



QL0239

Diffused

8 W  
290 lm



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- Shown above are rated lumens for 3000 K at  $T_q = 25^\circ\text{C}$

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