

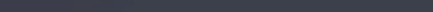
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**we-ef**

## **WE-EF LEUCHTEN**

General Catalogue

European Edition



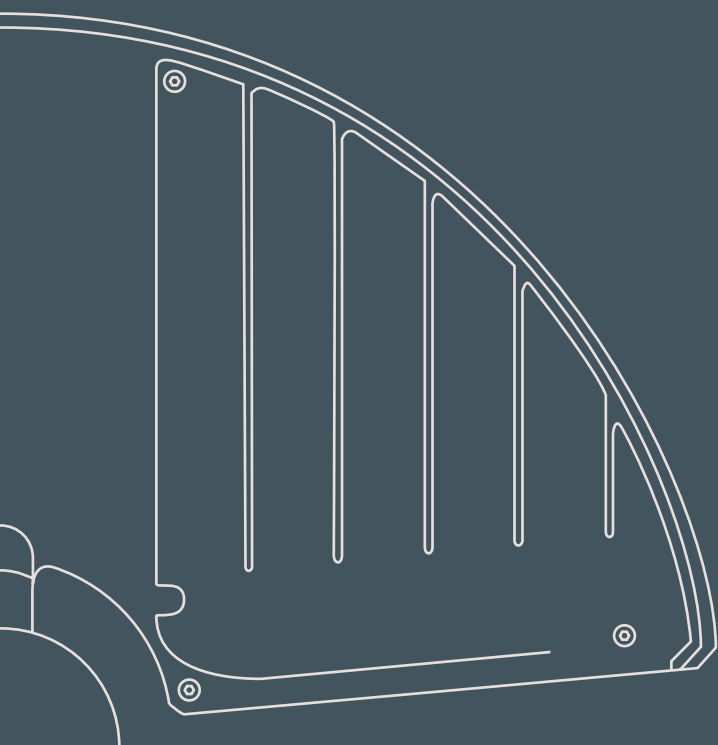


**Consistent design language. Optimised, standard-compliant light distribution for almost any conceivable urban situation. Large choice of LED lens types. In terms of quality as well as versatility of the total package, pole mounted luminaires by WE-EF have much going for them.**

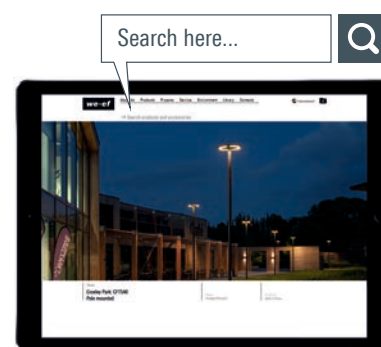
Pole mounted luminaires are the backbone of street and area lighting in urban spaces. Standard-compliant lighting is just as important here as are sophisticated lighting design, visual comfort and sustainability.

WE-EF's very own IOS® Innovative Optical System and OLC® One LED Concept with the multi-layer principle ensure high efficiency, light quality and visual comfort. The Environmental Product Declarations (EPDs) prove the sustainability of the WE-EF pole mounted luminaires.

# Pole mounted luminaires



ZFT400-FT	258	RFL500-SE	288
ZFT400	260	VFL500	292
ZAT400-FT	262	VFL500-SE	296
ZAT400	264	PFL500	298
ZA600-FT	266	PFL200	300
RMT300	272	AL500 / ALP500 / AOP500	310
RMM300	274	ASP500 / BSP500	312
RMC300	276	FLA400	318
CFT500	282	FLA700	320



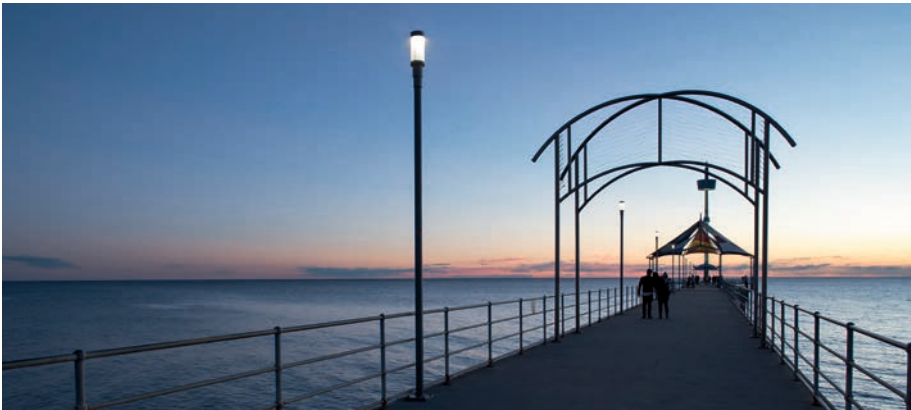
## Pole mounted luminaires

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

# Pole Mounted Luminaires

## Light and Design in Urban Space

The effect of pole mounted luminaires on the urban spaces that they illuminate goes way beyond lighting. By day and by night, their shapes are statements of design. They divide and link spaces and areas, underscore lines and reinforce structures. Designed with meticulous care in all their proportions and every single detail, it is the unobtrusiveness of WE-EF luminaires that makes them so effective. Based on a variety of clear geometric shapes, they blend harmoniously with both historical and modern environments, sporting a timeless design that is in every respect perfectly prepared for a very long lifecycle – including materials and surfaces.









- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware  
5CE+Primer optional
- Driver: Integral EC electronic converter
- Main lens: PMMA
- Gasketing: Silicone CCG® Controlled Compression Gasket
- Optics: CAD-optimised for superior illumination and glare control
- Installation: Luminaire is factory-sealed and does not need to be opened during installation.  
ZFT430-FT / ZFT440-FT: Optional  $\varnothing$  60 x 80 mm spigot version available.  
To be specified at time of ordering
- Control: Optional WE-EF Eco Step Dim® version available; refer to page 352



ZFT430-FT / ZFT440-FT

CLASS  
1

IP66

IK09

ZFT460-FT / ZFT470-FT

CLASS  
1

IP66

IK08

Pedestrian zone  
Hof Bayern (DE)

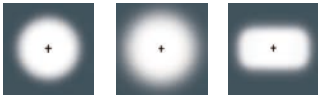
Available distributions:  
[C50] [C60] [R50]

Standard colours:

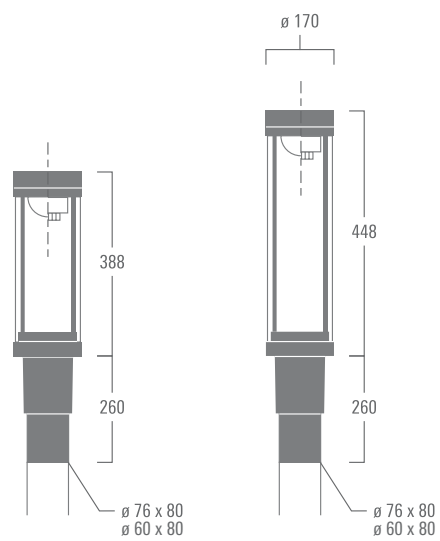


RAL 9004 9006 9007 7016 9016





[C50] Symmetric, controlled  
 [C60] Symmetric  
 [R50] Rectangular



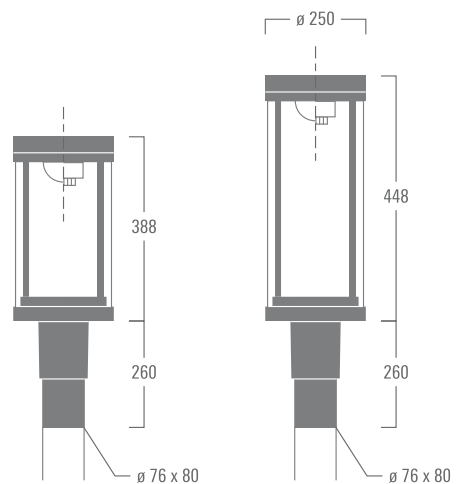
ZFT430-FT / ZFT440-FT

ZFT430-FT / ZFT440-FT

[C50] [C60]\*  
 12-24 W  
 1270-5470 lm  
 \* 1 internal accessory

ZFT460-FT / ZFT470-FT

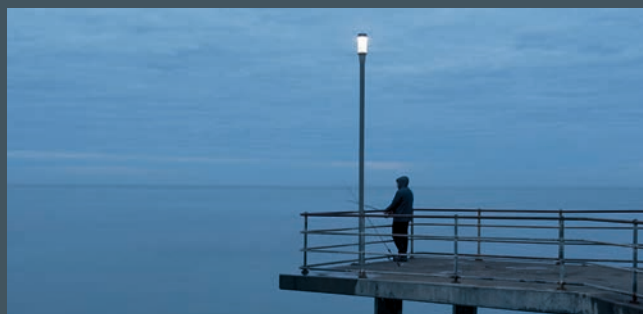
[C50] [C60]\*  
 24-37 W  
 3150-5150 lm  
 \* 1 internal accessory



ZFT460-FT / ZFT470-FT



- 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 page 268



- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware  
5CE+Primer optional
- Driver: Integral EC electronic converter
- Main lens: PMMA
- Gasketing: Silicone CCG® Controlled Compression Gasket
- Optics: CAD-optimised for superior illumination and glare control  
OLC® One LED Concept
- Installation: Luminaire is factory-sealed and does not need to be opened during installation.  
ZFT434 / ZFT444: Optional  $\varnothing$  60 x 80 mm spigot version available.  
To be specified at time of ordering
- Control: Optional WE-EF Eco Step Dim® version available; refer to page 352



ZFT434 / ZFT444

CLASS  
I

IP66

IK09

ZFT464 / ZFT474

CLASS  
I

IP66

IK08

Brighton Jetty  
Adelaide (AU)

Available distributions:  
[S65] [R65]

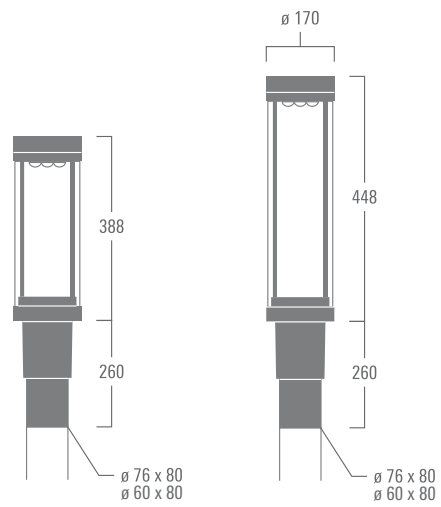
Standard colours:



RAL 9004 9006 9007 7016 9016



[S65] Streetlighting  
[R65] Rectangular 'side throw'



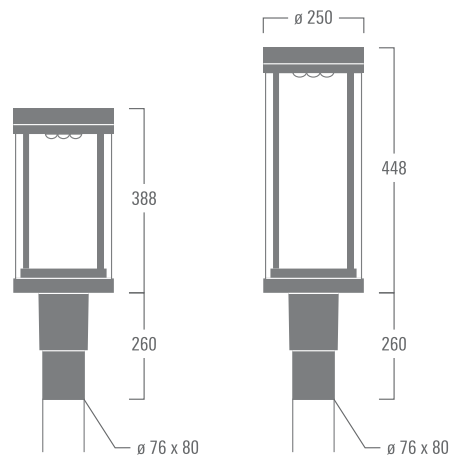
ZFT434 / ZFT444

ZFT434 / ZFT444

[S65] [R65]  
9-27 W  
990-3040 lm

ZFT464 / ZFT474

[S65] [R65]  
36-54 W  
3770-6340 lm



ZFT464 / ZFT474



- 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 page 268



Luminaire housing:	Marine-grade, die-cast aluminium alloy
Corrosion protection:	5CE, including PCS hardware 5CE+Primer optional
Driver:	Integral EC electronic converter
Main lens:	PMMA
Gasketing:	Silicone CCG® Controlled Compression Gasket
Optics:	CAD-optimised for superior illumination and glare control
Installation:	Luminaire is factory-sealed and does not need to be opened during installation. ZAT430-FT / ZAT440-FT: Optional $\varnothing$ 60 x 80 mm spigot version available. To be specified at time of ordering
Control:	Optional WE-EF Eco Step Dim® version available; refer to page 352



ZAT430-FT / ZAT440-FT

CLASS  
I

IP66

IK09

ZAT460-FT / ZAT470-FT

CLASS  
I

IP66

IK08

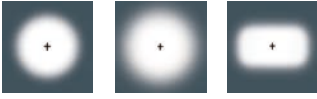
Available distributions:  
[C50] [C60] [R50]

Standard colours:

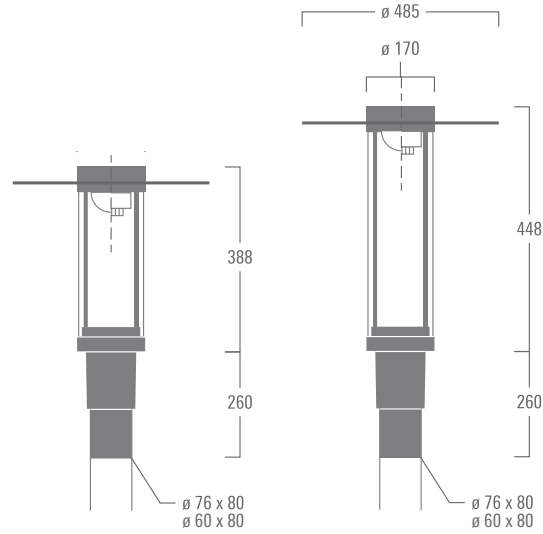


RAL 9004 9006 9007 7016 9016





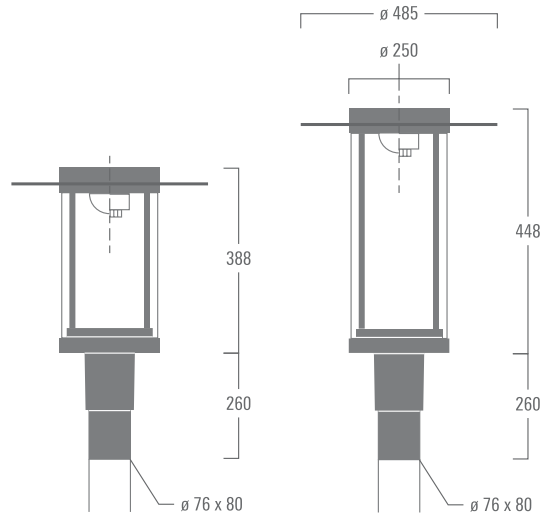
[C50] Symmetric, controlled  
 [C60] Symmetric  
 [R50] Rectangular



ZAT430-FT / ZAT440-FT

ZAT430-FT / ZAT440-FT

[C50] [C60]\*  
 12-24 W  
 1270-5470 lm  
 \* 1 internal accessory



ZAT460-FT / ZAT470-FT

ZAT460-FT / ZAT470-FT

[C50] [C60]\*  
 24-37 W  
 3150-5150 lm  
 \* 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 page 268

BILDUNGSZENTRUM



Luminaire housing:	Marine-grade, die-cast aluminium alloy
Corrosion protection:	5CE, including PCS hardware 5CE+Primer optional
Driver:	Integral EC electronic converter
Main lens:	PMMA
Gasketing:	Silicone CCG® Controlled Compression Gasket
Optics:	CAD-optimised for superior illumination and glare control OLC® One LED Concept
Installation:	Luminaire is factory-sealed and does not need to be opened during installation ZAT434 / ZAT444: Optional $\varnothing$ 60 x 80 mm spigot version available. To be specified at time of ordering
Control:	Optional WE-EF Eco Step Dim® version available; refer to page 352



ZAT434 / ZAT444

CLASS  
I

IP66

IK09

ZAT464 / ZAT474

CLASS  
I

IP66

IK08

Available distributions:  
[S65] [R65]

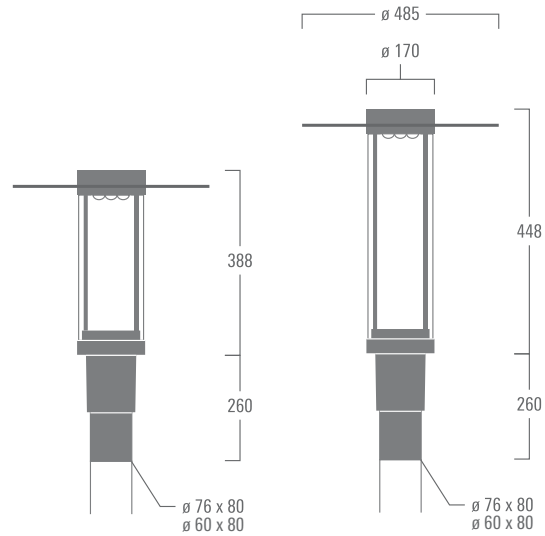
Standard colours:



RAL 9004 9006 9007 7016 9016



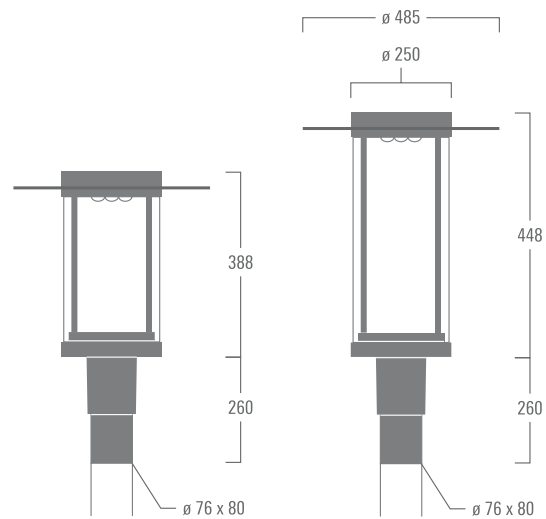
[S65] Streetlighting  
[R65] Rectangular 'side throw'



ZAT434 / ZAT444

ZAT434 / ZAT444

[S65] [R65]  
9-27 W  
990-3040 lm



ZAT464 / ZAT474

ZAT464 / ZAT474

[S65] [R65]  
36-54 W  
3770-6340 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 page 268





- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware  
5CE+Primer optional
- Driver: Integral EC electronic converter
- Main lens: Polycarbonate, UV-stabilised
- Gasketing: Silicone rubber gasket
- Optics: CAD-optimised for superior illumination and glare control
- Installation: Luminaire is factory-sealed and does not need to be opened during installation
- Control: Optional WE-EF Eco Step Dim<sup>®</sup> version available; refer to page 352



CLASS  
1

IP55

IK10

Endeavour Bridge Whitianga  
Sydney (AU)

Available distribution:  
[C60]

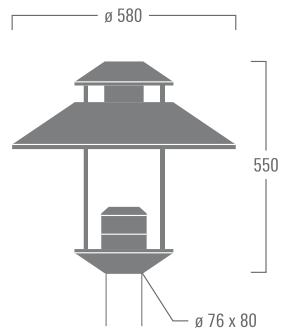
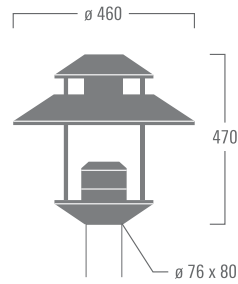
Standard colours:



RAL 9004 9006 9007 7016 9016



[C60] Symmetric

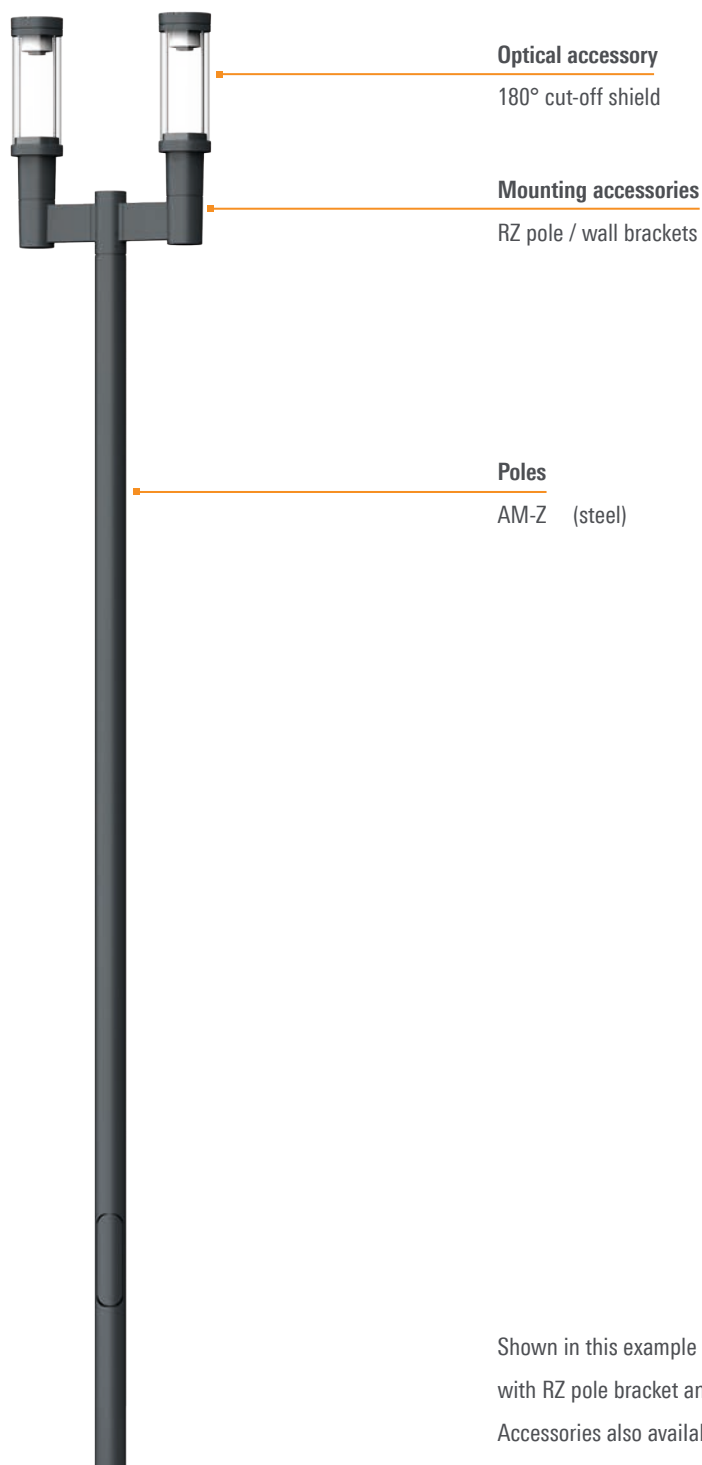


ZA630-FT / ZA640-FT

[C60]  
 17-24 W  
 1860-2560 lm  
 Max. 1 internal accessory



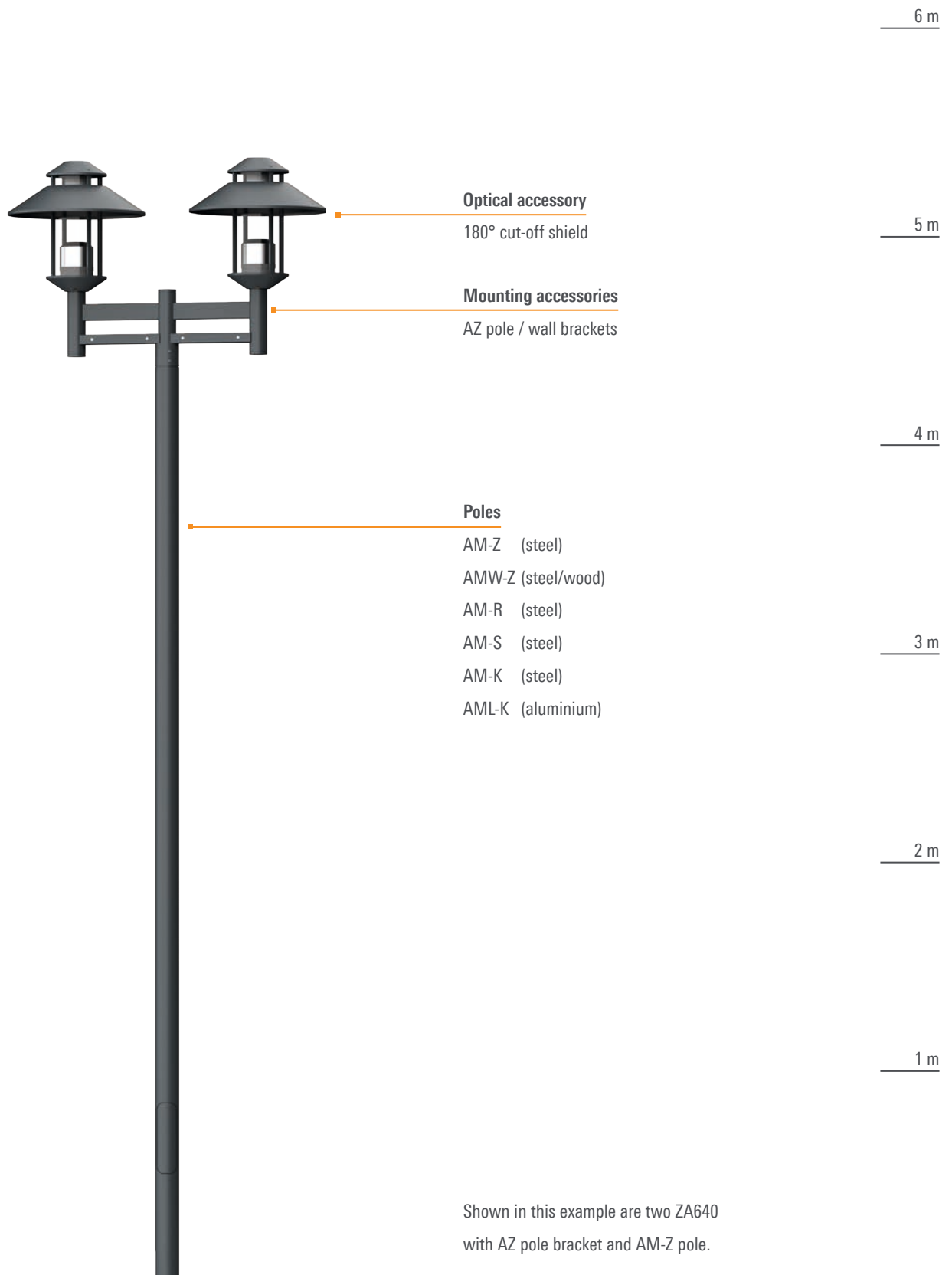
- For detailed specifications, product codes and latest performance data, refer to [www.we-ef.com](http://www.we-ef.com)
- Shown above are rated lumens for 3000 K at  $T_q = 25^\circ\text{C}$
- For accessories, refer to page 269



Shown in this example are two ZFT440  
with RZ pole bracket and AM-Z pole.  
Accessories also available for ZAT400 series.

- Recommended mounting height 3.0 - 6.0 m





**Optical accessory**

180° cut-off shield

**Mounting accessories**

AZ pole / wall brackets

**Poles**

- AM-Z (steel)
- AMW-Z (steel/wood)
- AM-R (steel)
- AM-S (steel)
- AM-K (steel)
- AML-K (aluminium)

Shown in this example are two ZA640 with AZ pole bracket and AM-Z pole.

▪ Recommended mounting height 3.0 - 6.0 m



# RMC320 LED Pole Mounted Luminaires

## Flexible and Precise

Just like WE-EF's LED street and area lighting, the RMC320 pole mounted luminaires use a multi-layered variant of WE-EF's specific OLC® One LED Concept technology. Depending on the given lighting task, the RMC320 can be equipped with three different lenses. The option of mounting several luminaire heads on one pole adds to the wealth of possible applications enabled by this approach. Even complex paths and areas can be illuminated with great precision and efficiency.







- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware  
5CE+Primer optional
- Driver: Integral EC electronic converter
- Main lens: RFC® Reflection Free Contour
- Gasketing: Silicone CCG® Controlled Compression Gasket
- Optics: CAD-optimised for superior illumination and glare control  
OLC® One LED Concept
- Installation: Luminaire is factory-sealed and does not need to be opened during installation
- Control: Optional WE-EF Eco Step Dim® version available; refer to page 352.  
Optional P2C Prepare to Connect / R2C Ready to Connect version available;  
refer to page 358

CLASS  
1

IP66

IK09



**Bondi Beach**  
Sydney (AU)  
Lighting design: Lighting, Art + Science

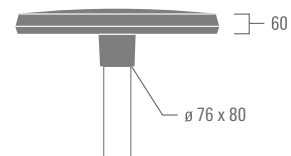
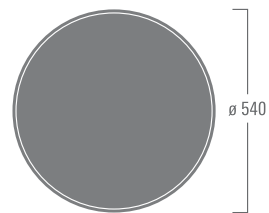
**Available distributions:**  
[P65] [S65] [R65]

**Standard colours:**





[P65] Pedestrian / bicycle lane  
 [S65] Streetlighting  
 [R65] Rectangular 'side throw'



RMT320

[P65] [S65] [R65]

24-72 W  
 2800-8660 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 page 278



- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware  
5CE+Primer optional
- Driver: Integral EC electronic converter
- Main lens: RFC® Reflection Free Contour
- Gasketing: Silicone CCG® Controlled Compression Gasket
- Optics: CAD-optimised for superior illumination and glare control  
OLC® One LED Concept
- Installation: Luminaire is factory-sealed and does not need to be opened during installation
- Control: Optional WE-EF Eco Step Dim® version available; refer to page 352.  
Optional P2C Prepare to Connect / R2C Ready to Connect version available;  
refer to page 358

CLASS  
1

IP66

IK09



Haselünne (DE)

Available distributions:  
[P65] [S65] [R65]

Standard colours:

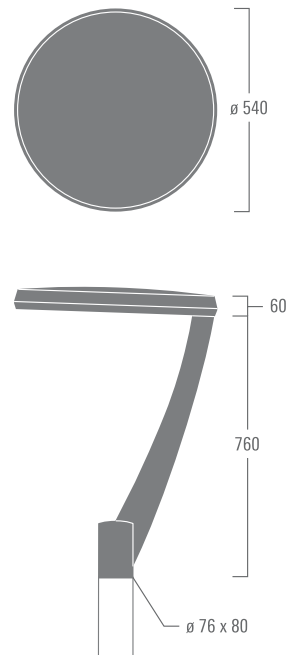


RAL 9004 9006 9007 7016 9016





[P65] Pedestrian / bicycle lane  
 [S65] Streetlighting  
 [R65] Rectangular 'side throw'



RMM320

[P65] [S65] [R65]

24-72 W  
 2780-8630 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 page 279



- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware  
5CE+Primer optional
- Driver: Integral EC electronic converter
- Main lens: RFC® Reflection Free Contour
- Gasketing: Silicone CCG® Controlled Compression Gasket
- Optics: CAD-optimised for superior illumination and glare control  
OLC® One LED Concept
- Installation: Luminaire is factory-sealed and does not need to be opened during installation
- Control: Optional WE-EF Eco Step Dim® version available; refer to page 352.  
Optional P2C Prepare to Connect / R2C Ready to Connect version available;  
refer to page 358



CLASS  
I

IP66

IK08

Midland Railway Square  
Perth (AU)

Available distributions:  
[P65] [S60] [S65] [S70] [A60] [R65]

Standard colours:



RAL 9004 9006 9007 7016 9016



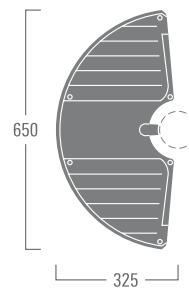
[P65] Pedestrian / bicycle lane  
 [S60] [S65] [S70] Streetlighting  
 [A60] Asymmetric 'forward throw'  
 [R65] Rectangular 'side throw'



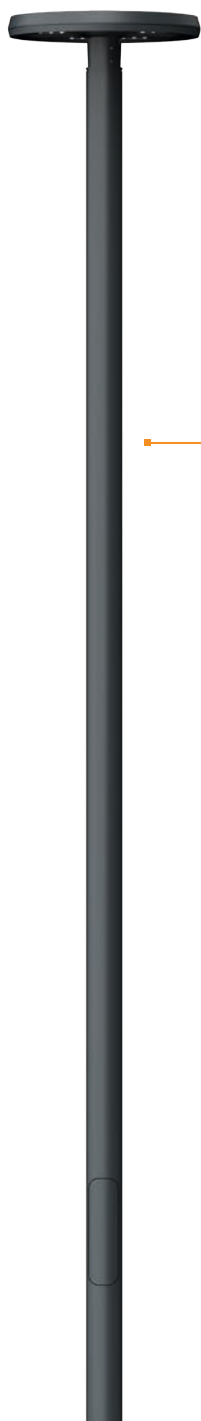
RMC320

[P65] [S60] [S65] [S70] [A60] [R65]

18-54 W  
 1960-6310 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 page 279



#### Poles

- AM-Z (steel)
- AMW-Z (steel/wood)
- AM-R (steel)
- AM-S (steel)
- AM-K (steel)
- AML-K (aluminium)

Shown in this example is RMT320  
with AM-Z pole.

▪ Recommended mounting height 3.0 - 5.0 m

### Poles

- AM-Z (steel)
- AMW-Z (steel/wood)
- AM-R (steel)
- AM-S (steel)
- AM-K (steel)
- AML-K (aluminium)

Shown in this example is RMM320 with AM-Z pole.

### Poles

- AM-Z (steel)
- AMW-Z (steel/wood)

Shown in this example are two RMC320 with AM-Z pole.

6 m

5 m

4 m

3 m

2 m

1 m

▪ Recommended mounting height 3.0 - 5.0 m







# Croxley Park

## In Balance: Work, Life and Light

Croxley Park is a leading business park with high-quality buildings, amenities and landscaping. Conveniently located near the M25 motorway, Croxley Park is committed to offering the best imaginable work experience for modern businesses and start-ups. Of course, this mission does not neglect the right lighting – the carefully orchestrated illumination concept makes sure that the campus-like facilities are just as welcoming and safe by night as they are by day. WE-EF's CFT500 pole mounted luminaires play an integral role in providing natural-feeling, glare-free light along Croxley Park's many footpaths and open spaces.



Croxley Park  
Watford (UK)  
Architect: Esa architects



- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware  
5CE+Primer optional
- Driver: Integral EC electronic converter
- Main lens: RFC® Reflection Free Contour
- Gasketing: Silicone CCG® Controlled Compression Gasket
- Optics: CAD-optimised for superior illumination and glare control  
OLC® One LED Concept
- Installation: Luminaire is factory-sealed and does not need to be opened during installation
- Control: Optional WE-EF Eco Step Dim® version available; refer to page 352.  
Optional P2C Prepare to Connect / R2C Ready to Connect version available;  
refer to page 358



CLASS  
1

IP66

IK08

**The Quadrant Mall**  
Launceston (AU)  
Lighting design: Engineering Solutions

**Available distributions:**  
[C50] [R]

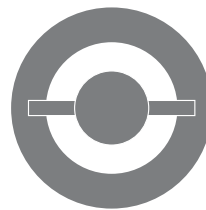
**Standard colours:**



RAL 9004 9006 9007 7016 9016

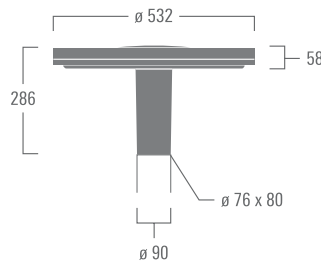


[C50] Symmetric, controlled  
[R] Rectangular



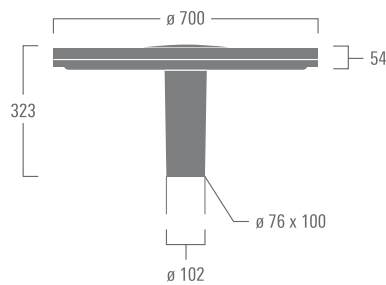
CFT530

[C50] [R]  
24-48 W  
3010-5300 lm



CFT540

[C50] [R]  
36-108 W  
4520-12730 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 page 285

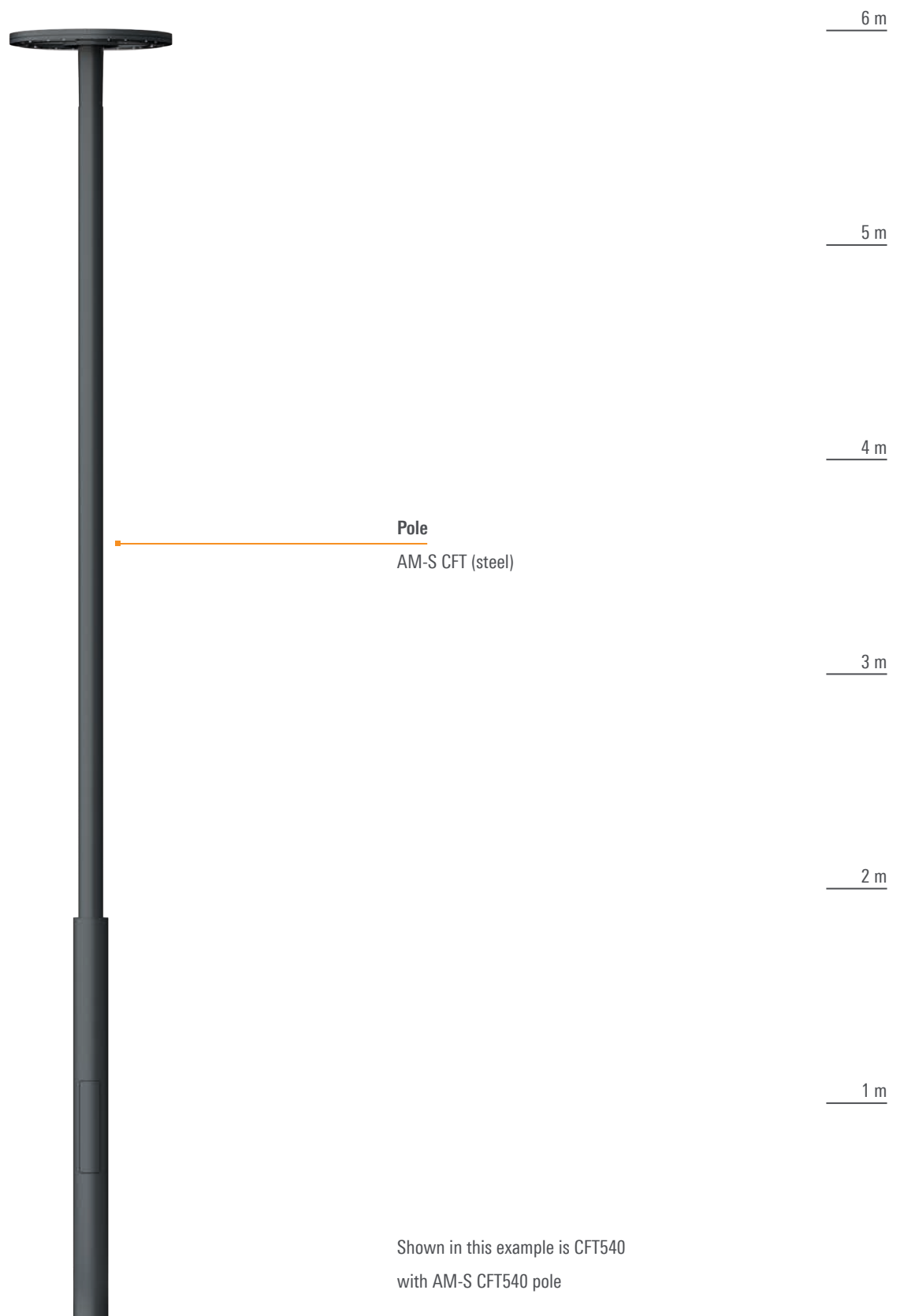




### Multiple Award Winner

As a recipient of four prestigious international design awards – Red Dot, Focus Silver, Design Plus and the German Design Award – the CFT500 series luminaire not only convinces users through its futuristic yet timeless aesthetics; it is also packed with technological and environmental features that make it a first choice product for urban and suburban projects of the 21<sup>st</sup> century.



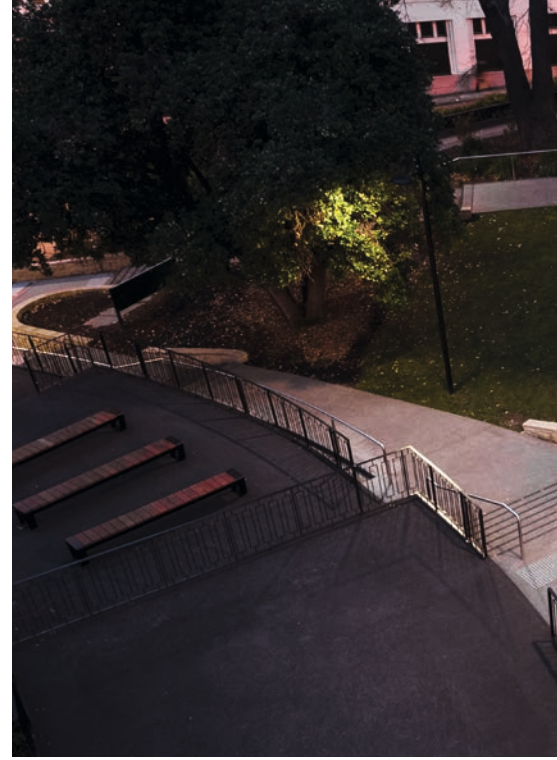


**Pole**  
AM-S CFT (steel)

Shown in this example is CFT540  
with AM-S CFT540 pole

▪ Recommended mounting height 4.0 - 8.0 m









# Franklin Square

## A Piece of Urban Renaissance

All over the world, the renaissance of public parks and places as true spaces for living is in full swing. Whether in Copenhagen/Denmark, Boston/USA or Tasmania/Australia, locals and tourists alike rejoice in the new, open-air way of life until late at night. Needless to say, agreeable, efficient lighting is of the essence in conveying an inclusive spirit of security and welcome. The designers of Franklin Square took this to heart and chose to equip the park with high-quality, WE-EF LED pole mounted luminaires that master the challenge of boldly illuminating the park's many fountains, stairways, footpaths and ancient trees.

### Franklin Square

Hobart (AU)

Landscape architect: City of Hobart





- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware  
5CE+Primer optional
- Driver: Integral EC electronic converter
- Main lens: Non-reflecting safety glass, hinged
- Gasketing: Silicone CCG® Controlled Compression Gasket
- Optics: CAD-optimised for superior illumination and glare control  
OLC® One LED Concept
- Installation: Luminaire is factory-sealed and does not need to be opened during installation
- Control: Optional WE-EF Eco Step Dim® version available; refer to page 352.  
Optional P2C Prepare to Connect / R2C Ready to Connect version available;  
refer to page 358

CLASS  
1

IP66

IK07



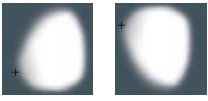
Front de mer  
Mers-les-Bains (FR)  
Lighting design: Citelum Nord

Available distributions:  
[P45R] [P45L]  
[P65] [S60] [S65] [S70] [A60] [R65]

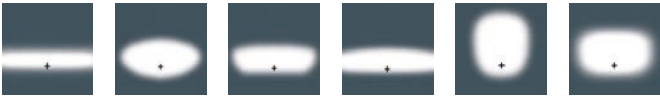
Standard colours:



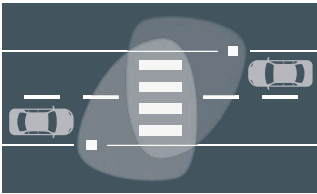
RAL 9004 9006 9007 7016 9016



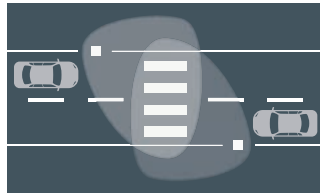
[P45R] Pedestrian crossing, for right-hand traffic  
 [P45L] Pedestrian crossing, for left-hand traffic



[P65] Pedestrian / bicycle lane  
 [S60] [S65] [S70] Streetlighting  
 [A60] Asymmetric 'forward throw'  
 [R65] Rectangular 'side throw'



[P45R]



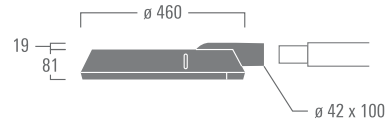
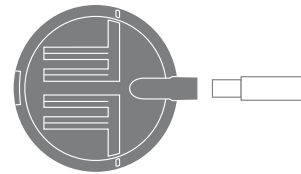
[P45L]



RFL530-SE

[P65] [S60] [S65] [S70] [A60] [R65]

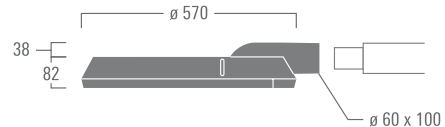
12-72 W  
 1410-8720 lm



RFL540-SE

[P45R] [P45L]  
 [S60] [S65] [S70] [A60] [R65]

36-144 W  
 4230-17440 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 page 305



**Boardwalk, Koombana Bay**  
Bunbury (AU)  
Lighting Design and Engineering: ETC Consultants





# Boardwalk, Koombana Bay

## A Beach as a City Figurehead

When planners began to open up Bunbury's Koombana Bay beach for local visitors and tourists, sophisticated landscape and lighting design were only two of three essentials. The third was light. Only a short walk from the city centre, the popular wide beach with its white sand invites strolling by day and by night – thanks to a smart arrangement involving various configurations of WE-EF's VFL540 street and area luminaires on custom-made, slightly inclined poles. In addition to WE-EF's flexible and powerful lighting technology, the almost proverbially high quality of WE-EF's luminaire housings became the decisive factor in the customer's choice.





Luminaire housing:	Marine-grade, die-cast aluminium alloy
Corrosion protection:	5CE, including PCS hardware 5CE+Primer optional
Driver:	Integral EC electronic converter
Main lens:	RFC® Reflection Free Contour
Gasketing:	Silicone CCG® Controlled Compression Gasket
Optics:	CAD-optimised for superior illumination and glare control OLC® One LED Concept
Installation:	Luminaire is factory-sealed and does not need to be opened during installation. Optional ø 60 x 80 mm spigot version available. To be specified at time of ordering
Control:	Optional WE-EF Eco Step Dim® version available; refer to page 352. Optional P2C Prepare to Connect / R2C Ready to Connect version available; refer to page 358

CLASS I	CLASS II	IP66	IK08
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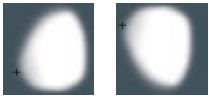
**BMW at Messedamm**  
Berlin (DE)  
Architect: Lanz Architekten

**Available distributions:**  
[P45R] [P45L]  
[P65] [S60] [S65] [S70] [A60] [R65]

**Standard colours:**



RAL 9004 9006 9007 7016 9016



[P45R] Pedestrian crossing, for right-hand traffic

[P45L] Pedestrian crossing, for left-hand traffic

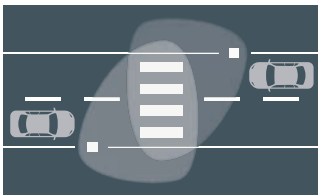


[P65] Pedestrian / bicycle lane

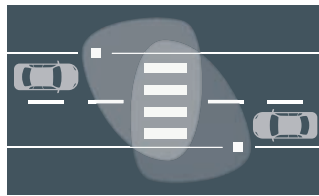
[S60] [S65] [S70] Streetlighting

[A60] Asymmetric 'forward throw'

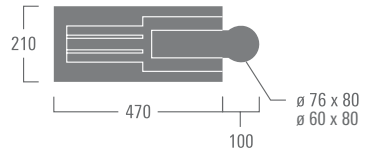
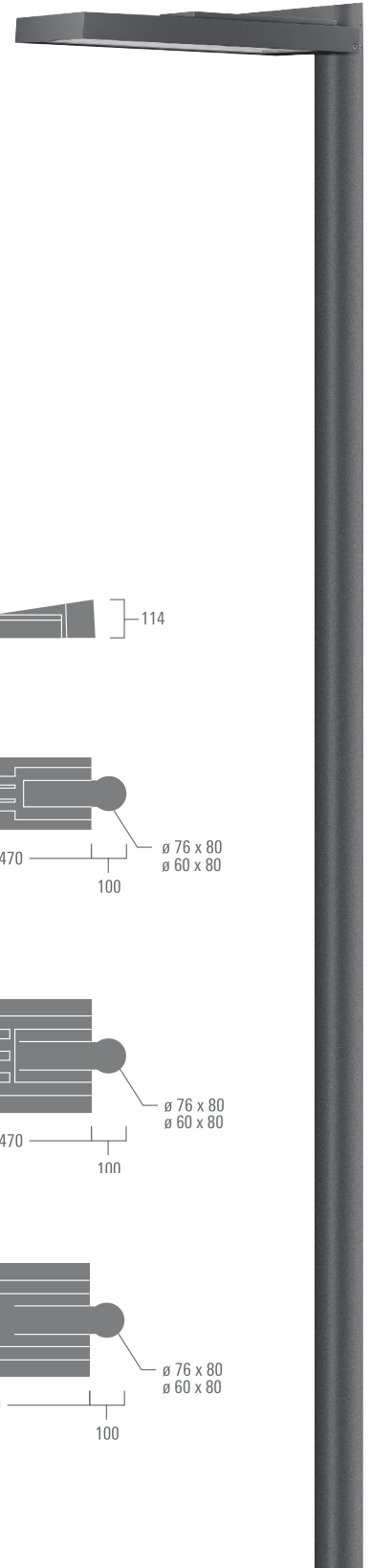
[R65] Rectangular 'side throw'



[P45R]



[P45L]



VFL520

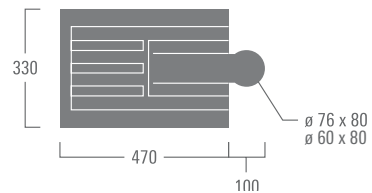
[P65] [S60] [S65] [S70] [A60] [R65]

12-36 W  
1420-4250 lm

VFL530

[P65] [S60] [S65] [S70] [A60] [R65]

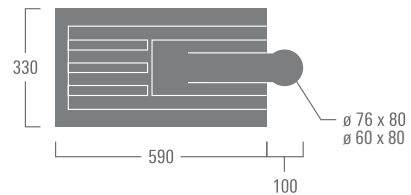
12-72 W  
1410-8510 lm



VFL540

[P45R] [P45L]  
[S60] [S65] [S70] [A60] [R65]

24-126 W  
2820-14890 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 page 306







# Constitution Avenue

## A Boulevard's New Look

Remodelled and revitalised, Constitution Avenue has evolved into Canberra's premier address, with the highest density of commercial and residential buildings. A string of prestigious awards underscores the quality of its architectural and urban planning. An integral part of the realised vision is a novel lighting concept featuring different varieties of WE-EF's VFL500 LED luminaires on customised poles. In a perfect interplay with the larger VFL540-SE, which illuminate the streets from three-metre booms, WE-EF's VFL530-SE, mounted lower and on shorter booms on the same poles, make sure that cyclists and pedestrians enjoy a light that is every bit as perfect as that provided for motorists.

### Constitution Avenue

Canberra (AU)

Lighting design: Lighting Art & Science

Electrical Engineer: Lighting Art & Science and AECOM Canberra

Landscape Architect: Jane Irwin Landscape Architecture







- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware  
5CE+Primer optional
- Driver: Integral EC electronic converter
- Main lens: RFC® Reflection Free Contour
- Gasketing: Silicone CCG® Controlled Compression Gasket
- Optics: CAD-optimised for superior illumination and glare control  
OLC® One LED Concept
- Installation: Luminaire is factory-sealed and does not need to be opened during installation
- Control: Optional WE-EF Eco Step Dim® version available; refer to page 352.  
Optional P2C Prepare to Connect / R2C Ready to Connect version available;  
refer to page 358

CLASS I	CLASS II	IP66	IK08
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#### Constitution Avenue

Canberra (AU)

Lighting design: Lighting Art & Science (LA+S)

Electrical engineer: LA+S and AECOM Canberra

Landscape Architect: Jane Irwin Landscape Architecture

#### Available distributions:

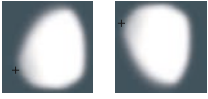
[P45R] [P45L]

[P65] [S60] [S65] [S70] [A60] [R65]

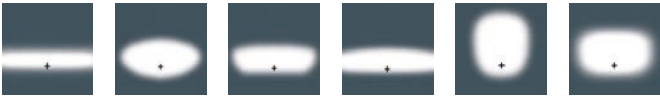
#### Standard colours:



RAL 9004 9006 9007 7016 9016



[P45R] Pedestrian crossing, for right-hand traffic  
 [P45L] Pedestrian crossing, for left-hand traffic

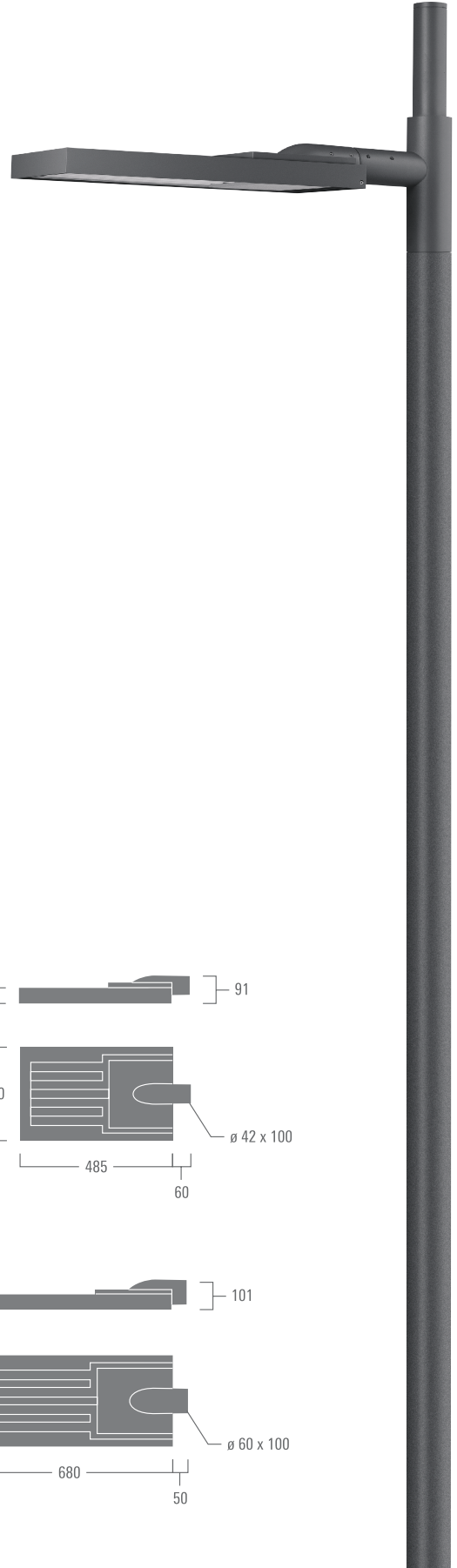


[P65] Pedestrian / bicycle lane  
 [S60] [S65] [S70] Streetlighting  
 [A60] Asymmetric 'forward throw'  
 [R65] Rectangular 'side throw'



[P45R]

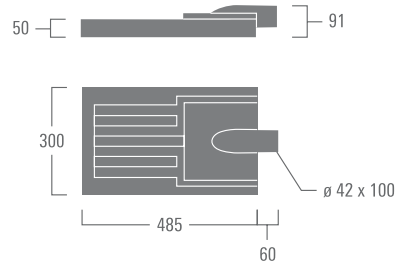
[P45L]



VFL530-SE

[P65] [S60] [S65] [S70] [A60] [R65]

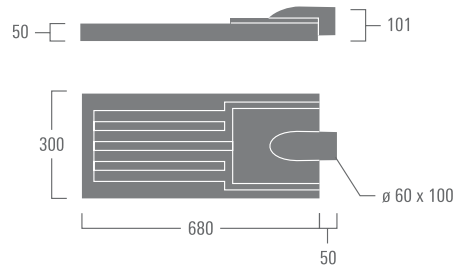
12-72 W  
 1380-8890 lm



VFL540-SE

[P45R] [P45L]  
 [S60] [S65] [S70] [A60] [R65]

36-144 W  
 4380-17790 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 page 306





Luminaire housing: Marine-grade, die-cast aluminium alloy

Corrosion protection: 5CE, including PCS hardware  
5CE+Primer optional

Driver: Integral EC electronic converter

Main lens: RFC® Reflection Free Contour

Gasketing: Silicone CCG® Controlled Compression Gasket

Optics: CAD-optimised for superior illumination and glare control  
OLC® One LED Concept

Installation: Luminaire is factory-sealed and does not need to be opened during installation.  
Optional  $\varnothing$  60 x 100 mm side entry version available. To be specified at time of ordering

Control: Optional WE-EF Eco Step Dim® version available; refer to page 352.  
Optional P2C Prepare to Connect / R2C Ready to Connect version available;  
refer to page 358



CLASS  
1

IP66

IK08

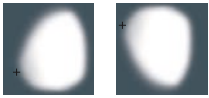
**BMW at Hindenburgdamm**  
Riller & Schnack  
Berlin (DE)

**Available distributions:**  
[P45R] [P45L]  
[S60] [S65] [S70] [A60] [R65]

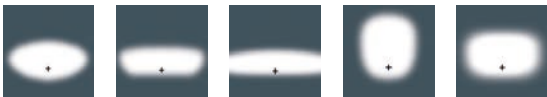
**Standard colours:**



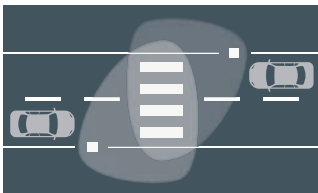
RAL 9004 9006 9007 7016 9016



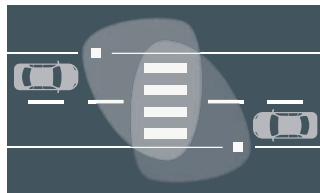
[P45R] Pedestrian crossing, for right-hand traffic  
 [P45L] Pedestrian crossing, for left-hand traffic



[S60] [S65] [S70] Streetlighting  
 [A60] Asymmetric 'forward throw'  
 [R65] Rectangular 'side throw'



[P45R]



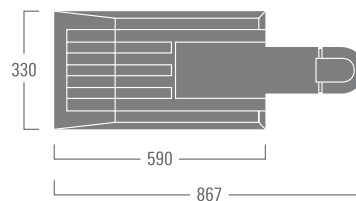
[P45L]



PFL540

[P45R] [P45L]  
 [S60] [S65] [S70] [A60] [R65]

48-144 W  
 4880-17020 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 page 307



- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware  
5CE+Primer optional
- 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
- Control: Optional WE-EF Eco Step Dim® version available; refer to page 352



CLASS  
1

IP66

IK08

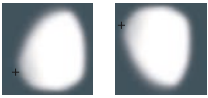
Woody Point Jetty  
Queensland (AU)

Available distributions:  
[P45R] [P45L]  
[P65] [S65] [A60] [R65]

Standard colours:



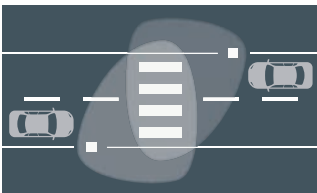
RAL 9004 9006 9007 7016 9016



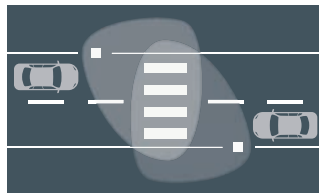
[P45R] Pedestrian crossing, for right-hand traffic  
 [P45L] Pedestrian crossing, for left-hand traffic



[P65] Pedestrian / bicycle lane  
 [S65] Streetlighting  
 [A60] Asymmetric 'forward throw'  
 [R65] Rectangular 'side throw'



[P45R]



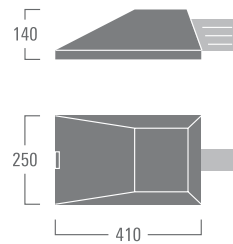
[P45L]



PFL230

[P65] [S65] [A60] [R65]

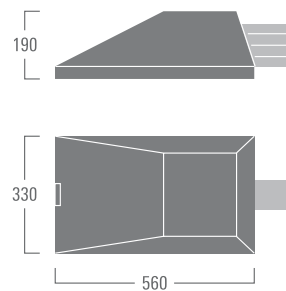
12-36 W  
 1160-3540 lm



PFL240

[P45R] [P45L]  
 [S65] [A60] [R65]

36-72 W  
 3230-7500 lm

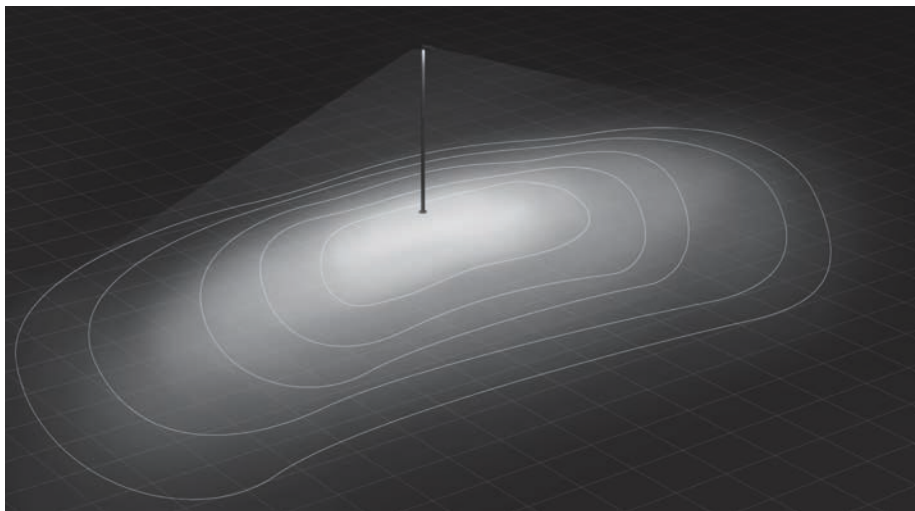


- For detailed specifications, product codes and latest performance data, refer to [www.we-ef.com](http://www.we-ef.com)
- Shown above are rated lumens for 3000 K at  $T_q = 25^\circ\text{C}$
- For accessories, refer to page 307



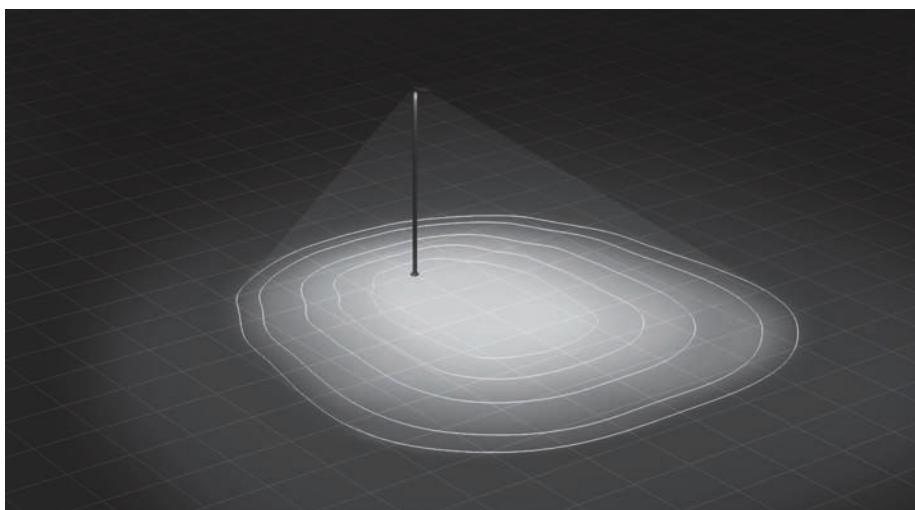
### IOS® Innovative Optical System

IOS® optics for street and area lighting applications currently comprise 11 distinctly different versions – for distinctly different applications – and counting. Shown here is a selection of the most frequently used light distributions. For further details, refer to the Technology section on page 362.



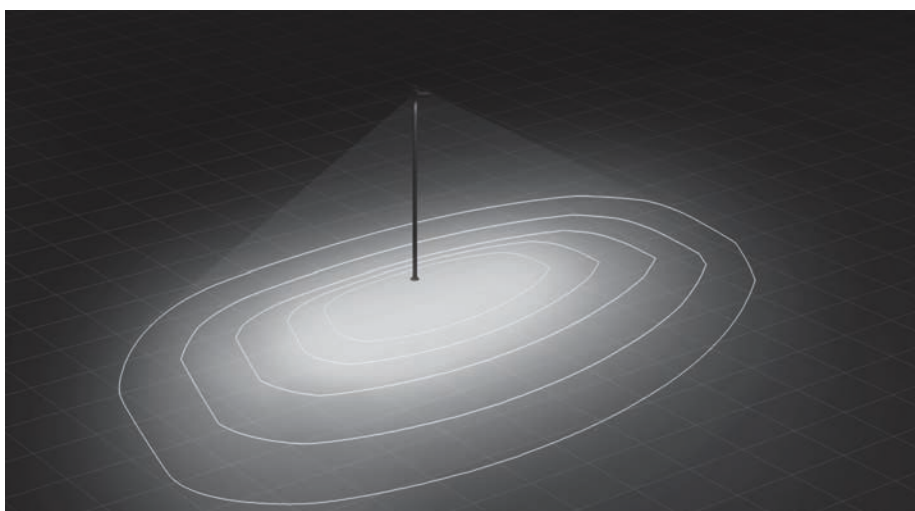
**[S70]**

Optimised for illuminance-based streetlighting applications (maximum spacing between luminaires).



**[A60]**

Particularly suitable for area lighting such as car parks etc.



**[R65]**

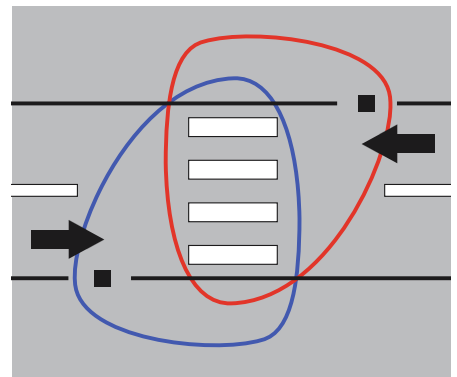
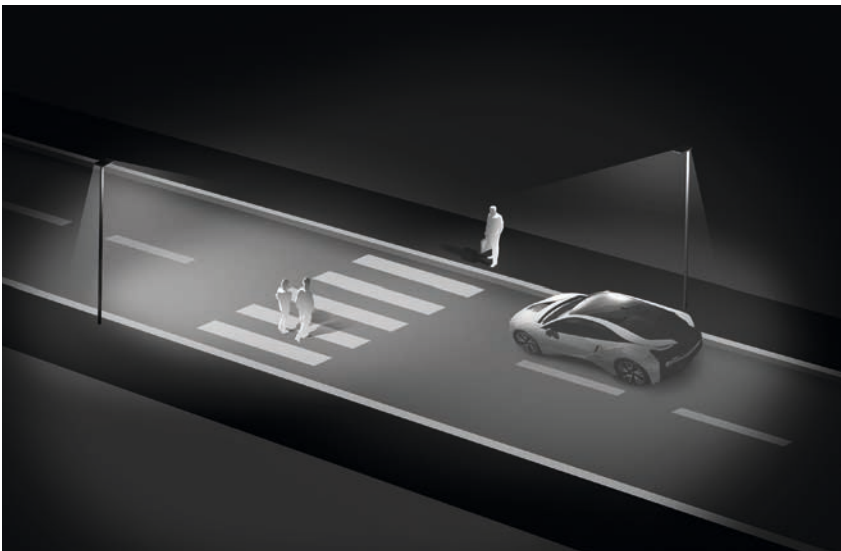
Developed for area lighting applications where a combination of side and forward throw of light is required.

## [P45R]

Pedestrian crossing, for right-hand traffic (shown here)

## [P45L]

Pedestrian crossing, for left-hand traffic



## VFL540 [P45R]

Pedestrian Crossing, Bielefeld (DE)

Right-hand traffic

**[P65]**

Ideal for the lighting of pedestrian and bicycle lanes to EN DIN 13201, Class S2-S4.

Typical spacing between luminaires, 5 to 7 times the mounting height.



6 m

**Mounting accessories**

- RF pole / wall brackets
- RE pole / wall brackets
- RI pole / wall brackets
- RX pole / wall brackets
- TB tilt brackets

5 m

4 m

**Poles**

- AM-Z (steel)
- AMW-Z (steel/wood)
- AM-R (steel)
- AM-K (steel)
- AML-K (aluminium)
- AM-V (steel)

3 m

2 m

1 m

Shown in this example is RFL540-SE with RX pole bracket and AM-Z pole.

▪ Recommended mounting height 3.0 - 6.0 m



### Mounting accessories

RV pole / wall brackets  
AKV post top fitter

### Poles

AML-S (steel)  
AMW-Z (steel/wood)  
AM-R (steel)  
AM-K (steel)  
AML-K (aluminium)

Shown in this example is VFL540  
with AM-Z pole.

### Mounting accessories

RF, RE, RI, RX pole brackets  
RE, RI, RX wall brackets  
TB Tilt brackets

### Poles

AML-S (steel)  
AMW-Z (steel/wood)  
AM-R (steel)  
AM-K (steel)  
AML-K (aluminium)  
AM-V (steel)

Shown in this example is VFL540-SE  
with RX pole bracket and AM-Z pole.

**Mounting accessories**

- RV pole / wall brackets
- AKV post top fitter

**Poles**

- AML-S (steel)
- AMW-Z (steel/wood)
- AM-R (steel)
- AM-K (steel)
- AML-K (aluminium)

Shown in this example are two PFL540 with RV pole bracket and AM-Z pole.

**Mounting accessories**

- KP pole / wall brackets
- KP-L pole / wall brackets
- KI pole / wall brackets
- KY pole / wall brackets
- KL pole / wall brackets
- KX pole / wall brackets
- SK pole clamps
- SI pole clamps

**Poles**

- AML-S (steel)
- AMW-Z (steel/wood)
- AM-R (steel)
- AM-K (steel)
- AML-K (aluminium)

Shown in this example are two PFL240 with KP pole bracket and AML-S pole.

▪ Recommended mounting height 2.5 - 6.0 m







## Mounted on Poles Classic in Style

### A Piece of Home

For historic and rural areas, WE-EF offers a wide range of luminaire designs that blend harmoniously into the respective environments. Equipped with modern lighting technology, these luminaires have good prerequisites to safely guide people at night for many years, whether in the country, in small old-town alleys or in new development areas.







- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware  
5CE+Primer optional
- Driver: Integral EC electronic converter
- Main lens: Polycarbonate, UV-stabilised
- Gasketing: Silicone rubber gasket
- Optics: CAD-optimised for superior illumination and glare control
- Control: Optional WE-EF Eco Step Dim® version available; refer to page 352



CLASS  
1

IP55

IK10

Available distribution:  
[C60]

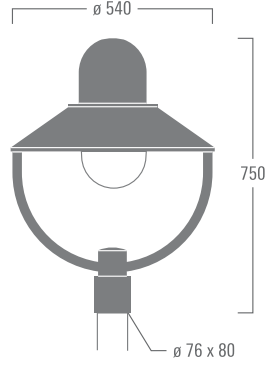
Standard colours:



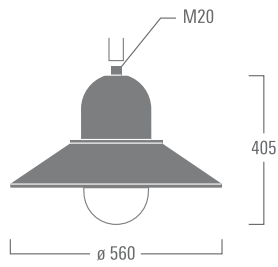
RAL 9004 9006 9007 7016 9016



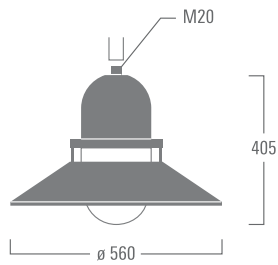
[C60] Symmetric



AL534-FT



ALP534-FT



AOP534-FT



AL534-FT / ALP534-FT / AOP534-FT

[C60]

17-24 W  
2100-2890 lm



2700 K 3000 K 4000 K

- 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 page 314





- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware  
5CE+Primer optional
- 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
- Control: Optional WE-EF Eco Step Dim® version available; refer to page 352



CLASS  
I

IP55

IK10

Available distributions:  
[S65] [R65]

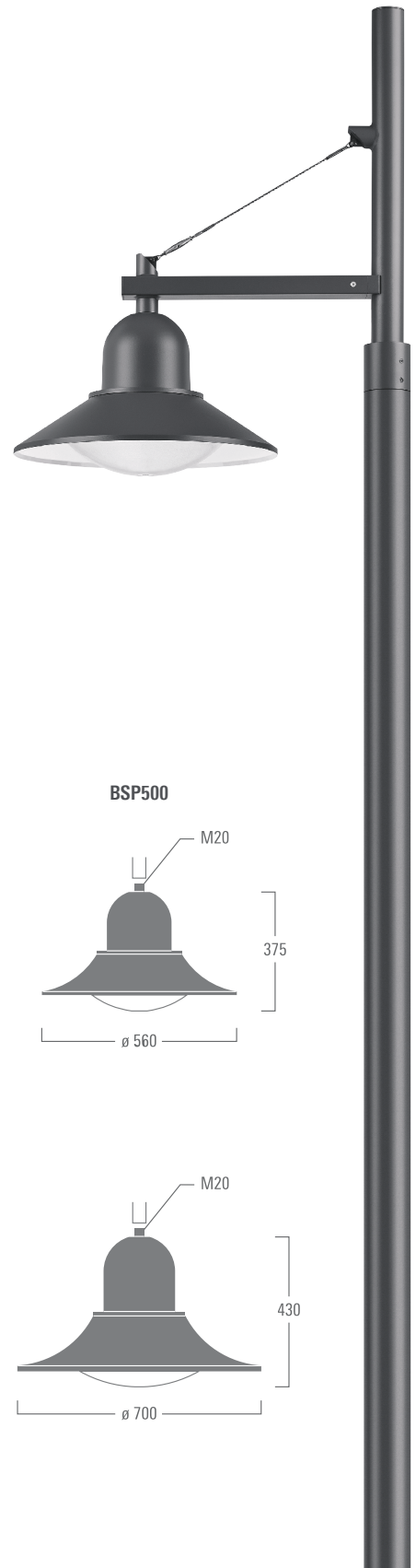
Standard colours:



RAL 9004 9006 9007 7016 9016

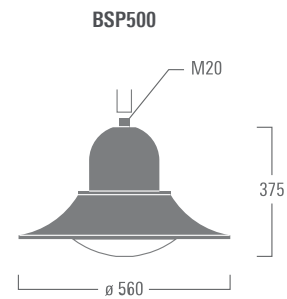
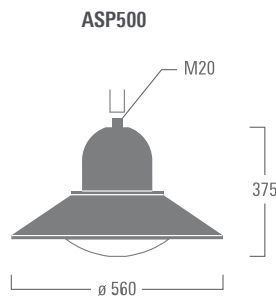


[S65] Streetlighting  
[R65] Rectangular 'side throw'



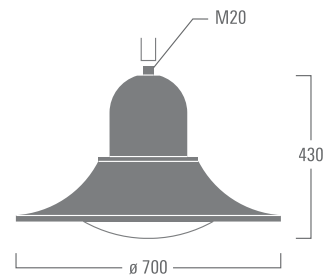
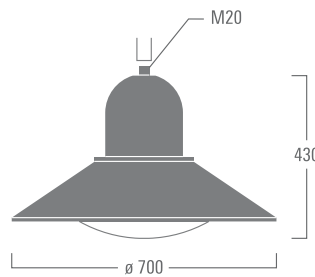
ASP534 / BSP534

[S65] [R65]  
24-48 W  
2290-5020 lm



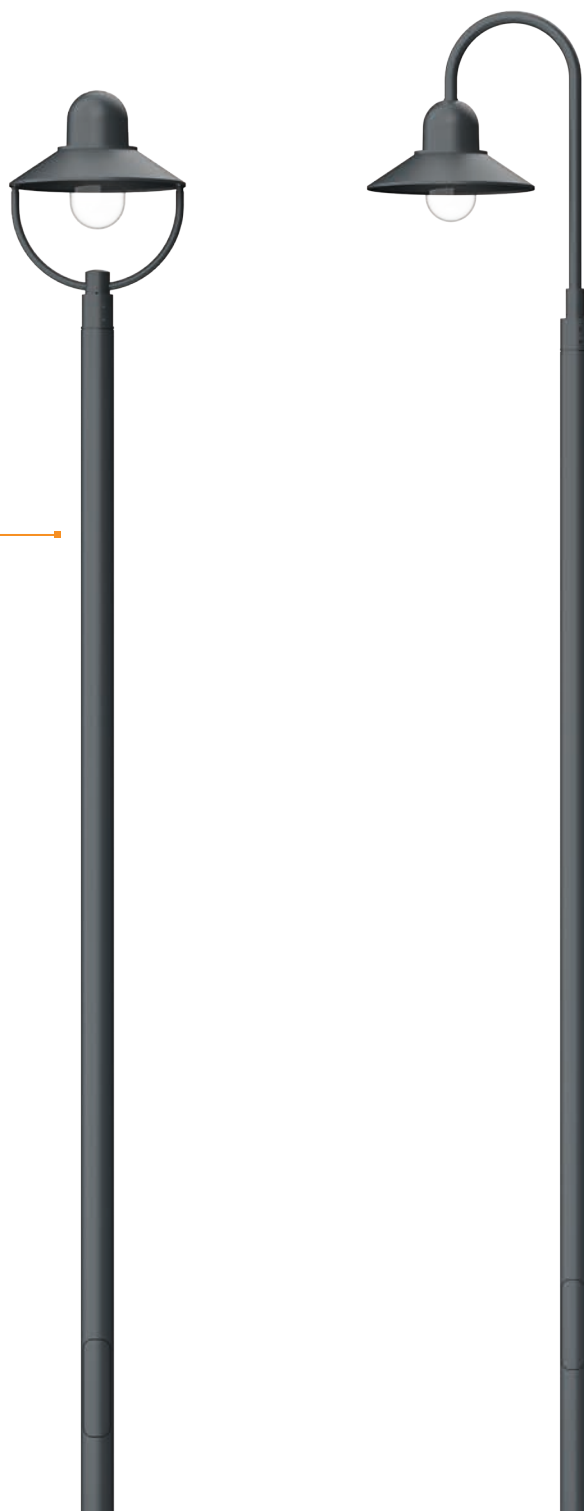
ASP544 / BSP544

[S65] [R65]  
48-72 W  
4580-7530 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 page 315





#### Poles

- AM-Z (steel)
- AM-R (steel)
- AM-S (steel)
- AM-K (steel)
- AML-K (aluminium)

Shown in this example is AL534  
with AM-Z pole.

#### Mounting accessories

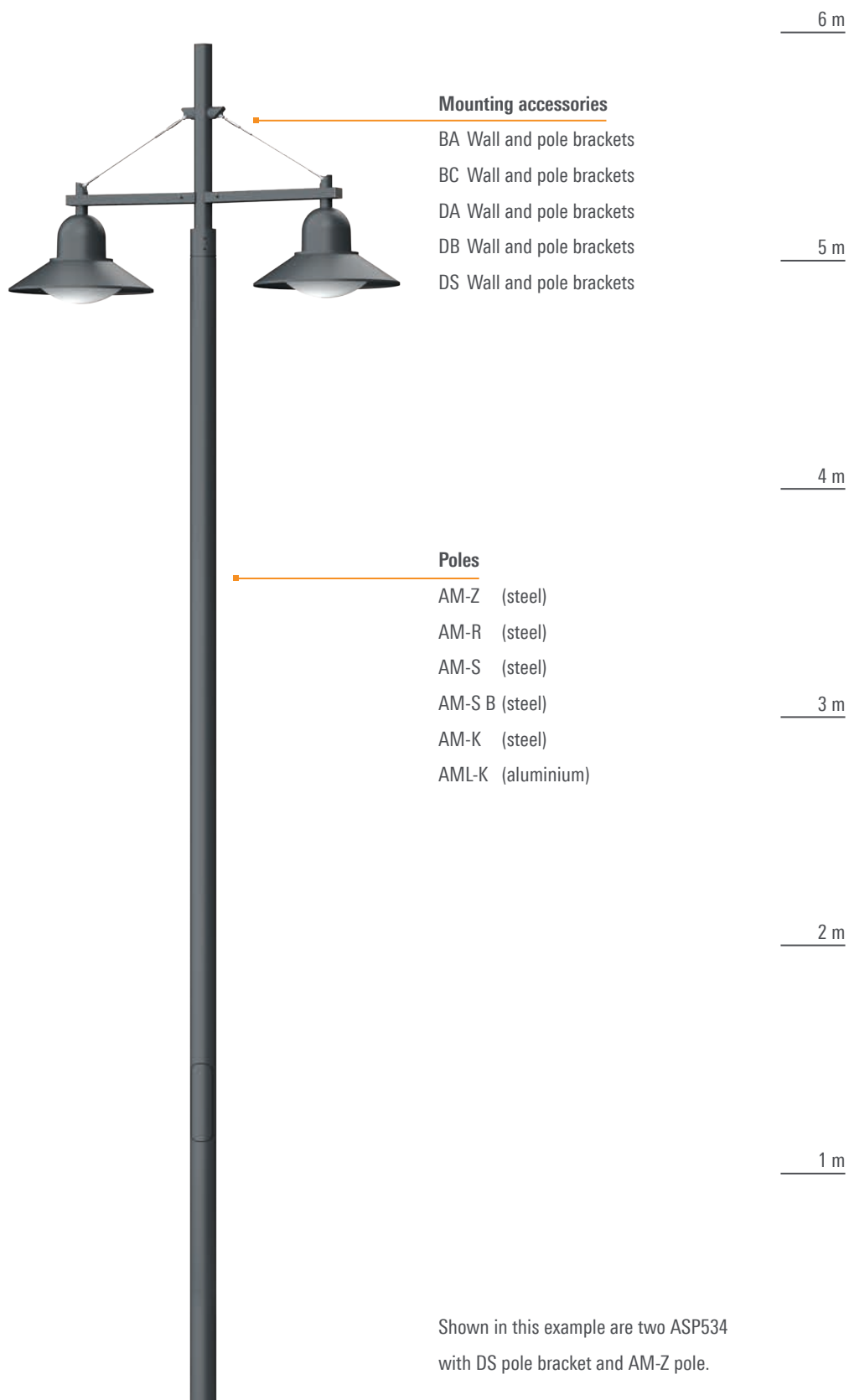
- BA Wall and pole brackets
- BC Wall and pole brackets
- DA Wall and pole brackets
- DB Wall and pole brackets
- DS Wall and pole brackets

#### Poles

- AM-Z (steel)
- AM-R (steel)
- AM-S (steel)
- AM-S B (steel)
- AM-K (steel)
- AML-K (aluminium)

Shown in this example is ALP534  
with BA pole bracket and AM-Z pole.

▪ Recommended mounting height 3.0 - 4.5 m



**Mounting accessories**

- BA Wall and pole brackets
- BC Wall and pole brackets
- DA Wall and pole brackets
- DB Wall and pole brackets
- DS Wall and pole brackets

**Poles**

- AM-Z (steel)
- AM-R (steel)
- AM-S (steel)
- AM-S B (steel)
- AM-K (steel)
- AML-K (aluminium)

Shown in this example are two ASP534 with DS pole bracket and AM-Z pole.

▪ Recommended mounting height 3.0 - 6.0 m

# FLA400 / FLA700

## Prepared for Oceanic Tasks

Seaside locations are coveted assets. Public spaces that link towns and cities with rivers, lakes and oceans are invaluable. In recent years, many piers and promenades have experienced successful redesigns and revitalisations. The requirements for the materials used and their surface treatment are enormous. With the 5CE superior corrosion protection technology WE-EF has an answer to these challenges.









- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware  
5CE+Primer optional
- 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: Protractor scale for accurate aiming
- Control: Optional WE-EF Eco Step Dim® version available; refer to page 352



CLASS  
1

IP66

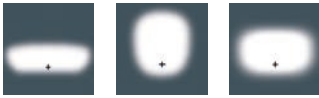
IK08

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

Standard colours:



RAL 9004 9006 9007 7016 9016



[S65] Streetlighting

[A60] Asymmetric 'forward throw'

[R65] Rectangular 'side throw'

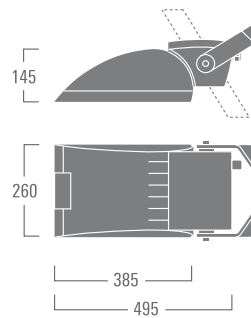
Suitable for downlighting, façade and uplighting applications.



FLA440

[S65] [A60] [R65]

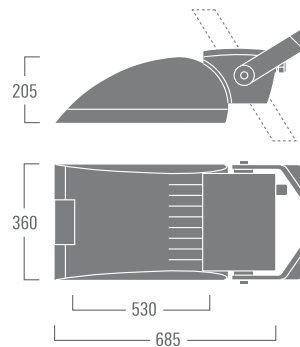
36 W  
3230-3550 lm



FLA460

[S65] [A60] [R65]

72 W  
6460-7100 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 page 323





- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware  
5CE+Primer optional
- 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: Protractor scale for accurate aiming from 0° to 15° above horizontal
- Control: Optional WE-EF Eco Step Dim® version available; refer to page 352



CLASS  
1

IP66

IK08

Exploratorium  
San Francisco (US)  
Architect: EHDD

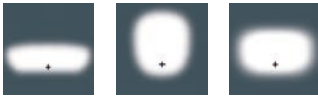
Lighting design: David Nelsen & Associates

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

Standard colours:



RAL 9004 9006 9007 7016 9016



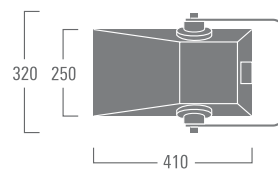
[S65] Streetlighting  
 [A60] Asymmetric 'forward throw'  
 [R65] Rectangular 'side throw'



FLA730

[S65] [A60] [R65]

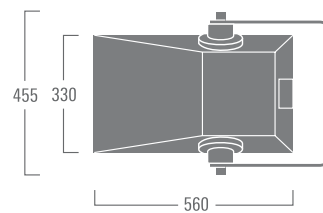
24-54 W  
 2060-5610 lm



FLA740

[S65] [A60] [R65]

36-72 W  
 3230-7500 lm



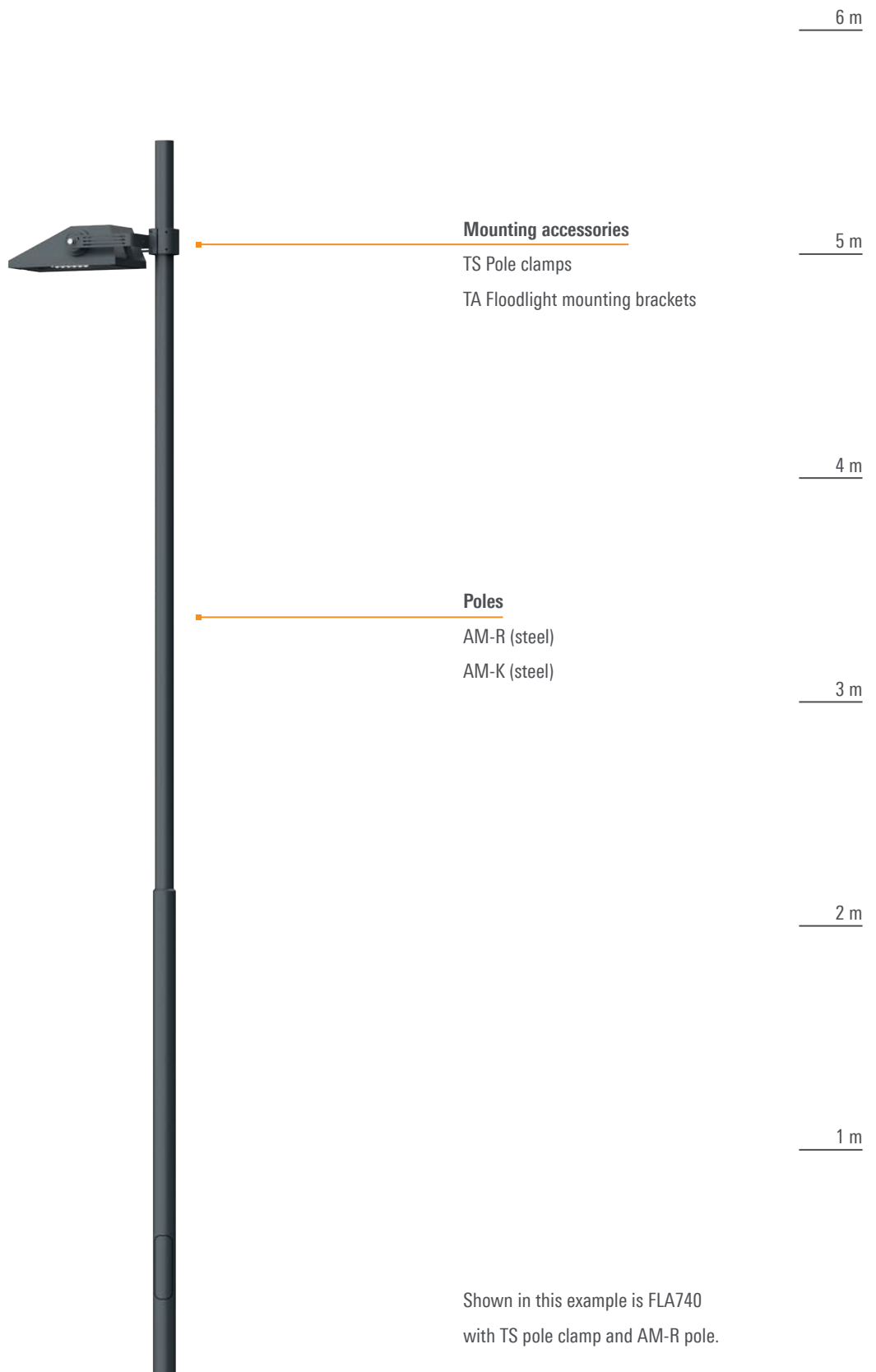
- For detailed specifications, product codes and latest performance data, refer to [www.we-ef.com](http://www.we-ef.com)
- Shown above are rated lumens for 3000 K at  $T_q = 25^\circ\text{C}$
- For accessories, refer to page 323



[A60] Asymmetric 'forward throw'

This type of light distribution is particularly suitable for area lighting applications.





▪ Recommended mounting height 2.5 - 12.0 m

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