
we-ef

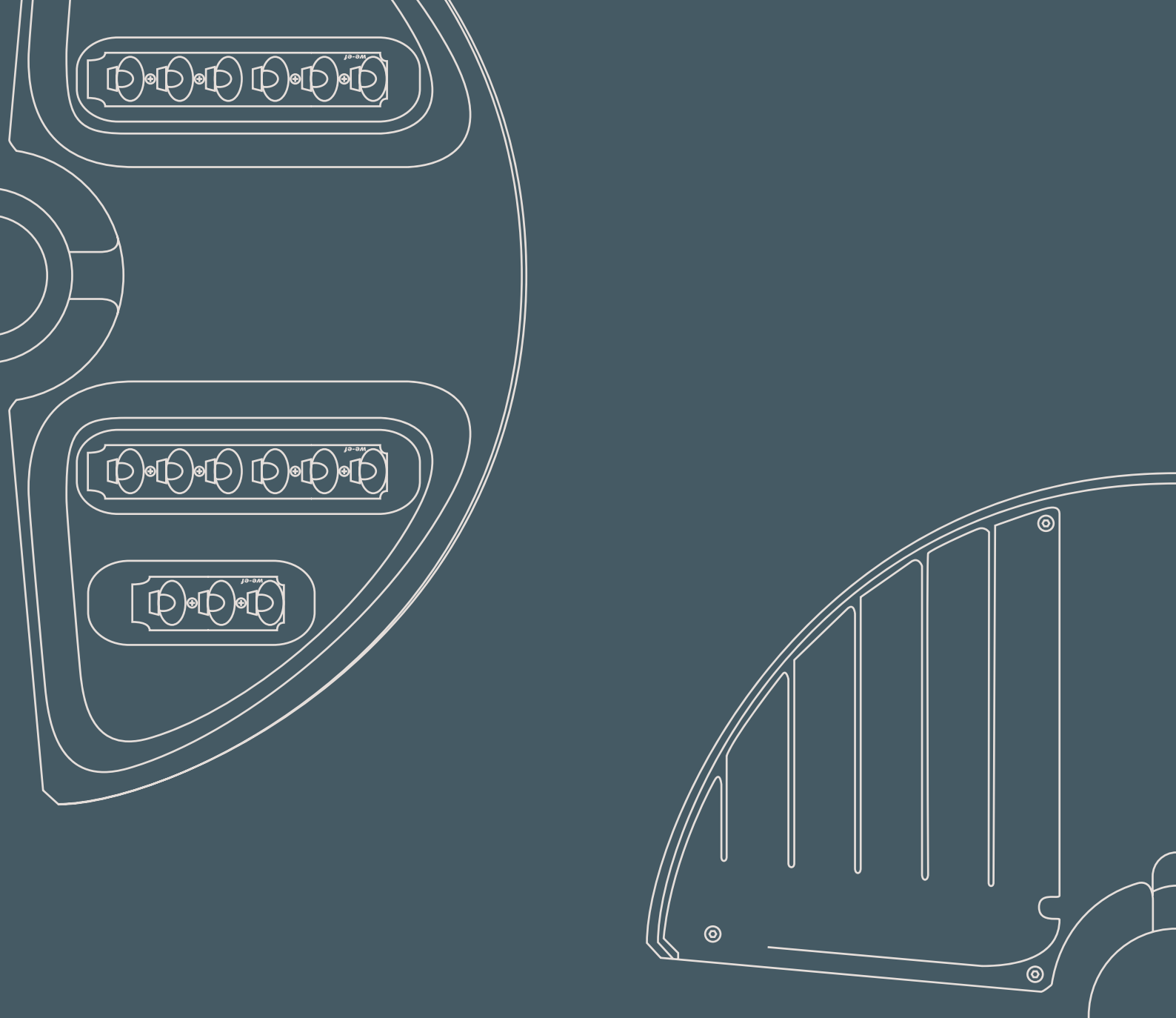
WE-EF LIGHTING

General Catalogue

Asia Pacific Edition

Pole mounted luminaires



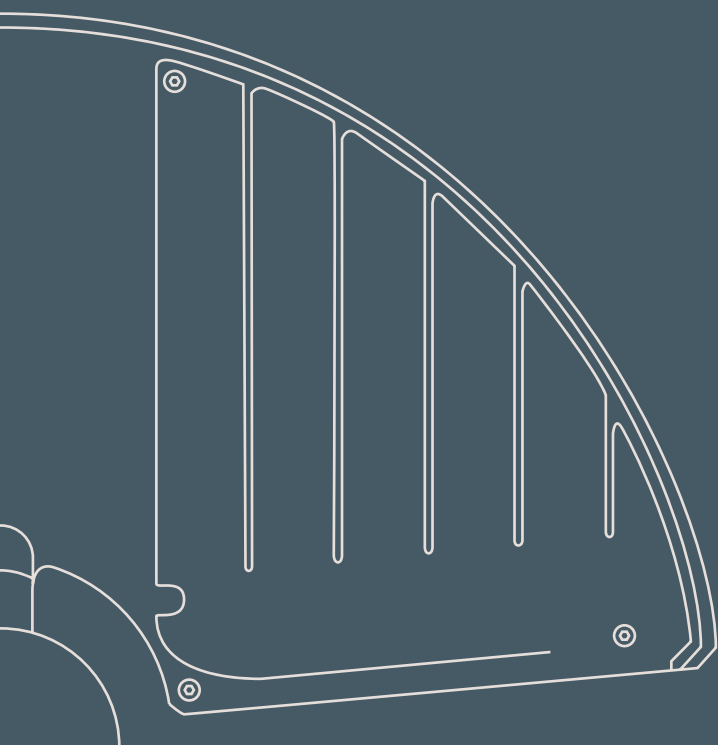


Consistent design language. Optimised, standard-compliant light distribution for almost any conceivable urban situation. Large choice of LED lens types. In terms of quality as well as versatility of the total package, pole mounted luminaires by WE-EF have much going for them.

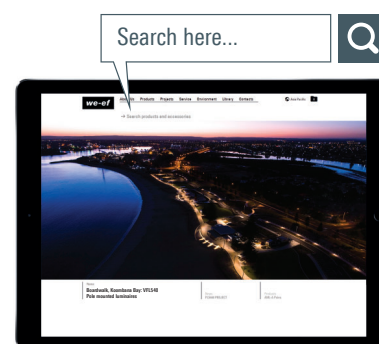
Pole mounted luminaires are the backbone of street and area lighting in urban spaces. Standard-compliant lighting is just as important here as are sophisticated lighting design, visual comfort and sustainability.

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	268-269	RFL500-SE	298-299
ZFT400	270-271	VFL500	302-303
ZA600-FT	272-275	VFL500-SE	306-307
ZAT400	276-277	PFL500	308-309
RMT300	280-283	PFL200	310-317
RMM300	284-285	FLA400 Bracket version	320-321
RMC300	286-289	FLA400 Stirrup version	322-323
CFT500	292-295	FLA700	324-327



Pole mounted luminaires

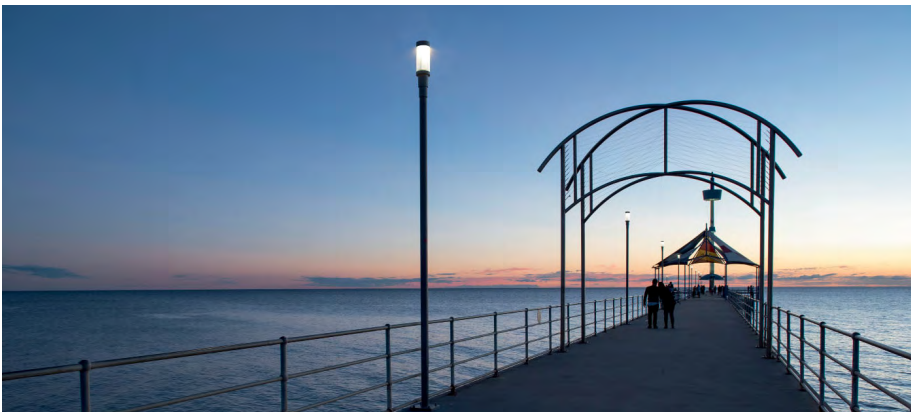
For detailed specifications, product codes and latest performance data, refer to www.we-ef.com

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
- Driver: Integral EC electronic converter
- Main lens: PMMA
- Gasketing: Silicone CCG® Controlled Compression Gasket
- Optics: IOS® Innovative Optical System
CAD-optimised for superior illumination and glare control
- Installation: FS Factory-sealed luminaire does not need to be opened during installation
- Control options: ON/OFF
WE-EF Eco Step Dim®; refer to page 346



ZFT430-FT / ZFT440-FT

IP66

IK09

ZFT460-FT / ZFT470-FT

IP66

IK08

Pedestrian zone
Hof Bayern (DE)
Photo: Frieder Blickle

Available distributions:
[C50] [C60]

Standard colours – AU/NZ

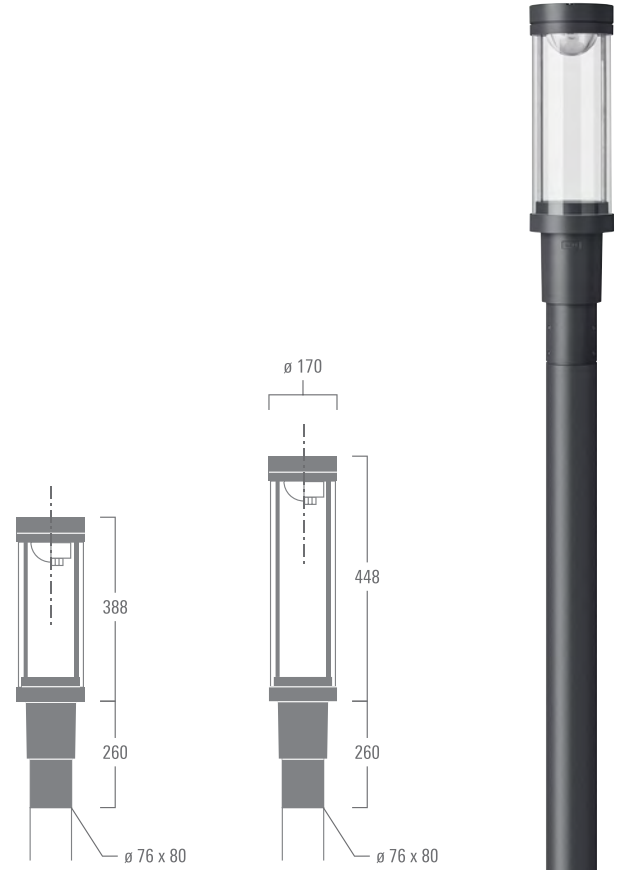


Standard colours – AP





[C50] Symmetric, controlled
[C60] Symmetric



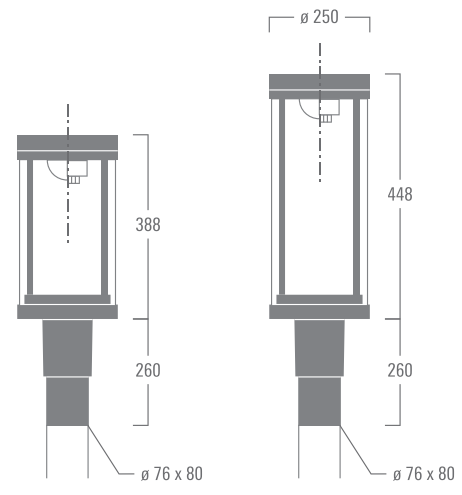
ZFT430-FT / ZFT440-FT

ZFT430-FT * / ZFT440-FT

[C50] [C60]
12-37 W
1270-5470 lm
Max. 1 internal accessory

ZFT460-FT * / ZFT470-FT

[C50] [C60]
24-37 W
3150-5150 lm
Max. 1 internal accessory



ZFT460-FT / ZFT470-FT



- 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 page 274

- In AU/NZ SP10 (10/10 kV) surge protection is a standard feature
- * Not currently available in AU/NZ



- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware
- Driver: Integral EC electronic converter
- Main lens: PMMA
- Gasketing: Silicone CCG® Controlled Compression Gasket
- Optics: IOS® Innovative Optical System
CAD-optimised for superior illumination and glare control
OLC® One LED Concept
- Installation: FS Factory-sealed luminaire does not need to be opened during installation
- Control options: ON/OFF
WE-EF Eco Step Dim®; refer to page 346



ZFT434 / ZFT444

IP66

IK09

ZFT464 / ZFT474

IP66

IK08

Brighton Jetty
Adelaide (AU)

Available distributions:
[S65] [R65]

Standard colours – AU/NZ



RAL 9004 9006 9007 9016

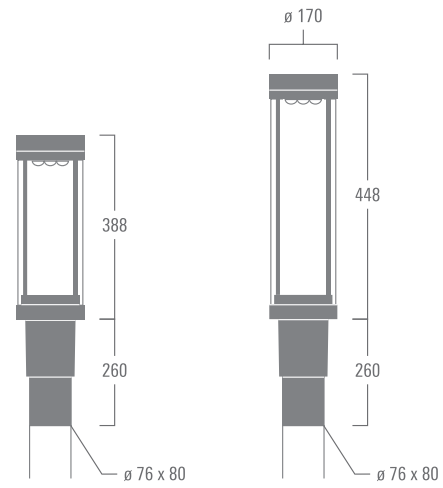
Standard colours – AP



RAL 9004 9007 7016 9016



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



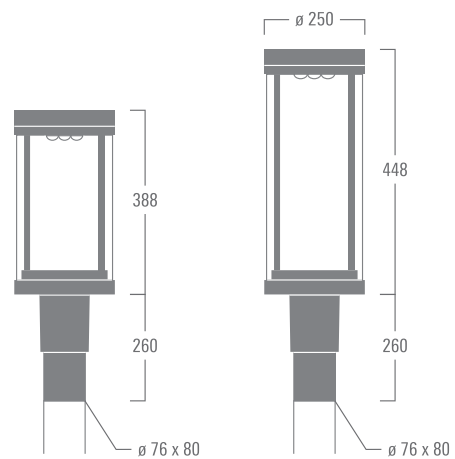
ZFT434 / ZFT444

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
- Shown above are rated lumens for 3000 K at $T_q = 25^\circ\text{C}$
- For accessories, refer to page 274

- In AU/NZ SP10 (10/10 kV) surge protection is a standard feature
- * Not currently available in AU/NZ



- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware
- Driver: Integral EC electronic converter
- Main lens: Polycarbonate, UV-stabilised
- Gasketing: Silicone rubber gasket
- Optics: IOS® Innovative Optical System
CAD-optimised for superior illumination and glare control
- Installation: FS Factory-sealed luminaire does not need to be opened during installation
- Control options: ON/OFF
WE-EF Eco Step Dim®; refer to page 346

IP55

IK10



Endeavour Bridge Whitianga
Sydney (AU)

Available distribution:
[C60]

Standard colours – AU/NZ

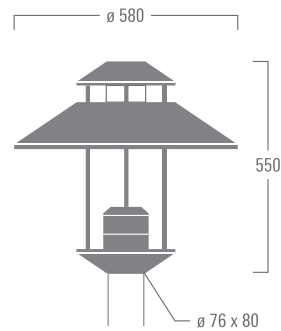
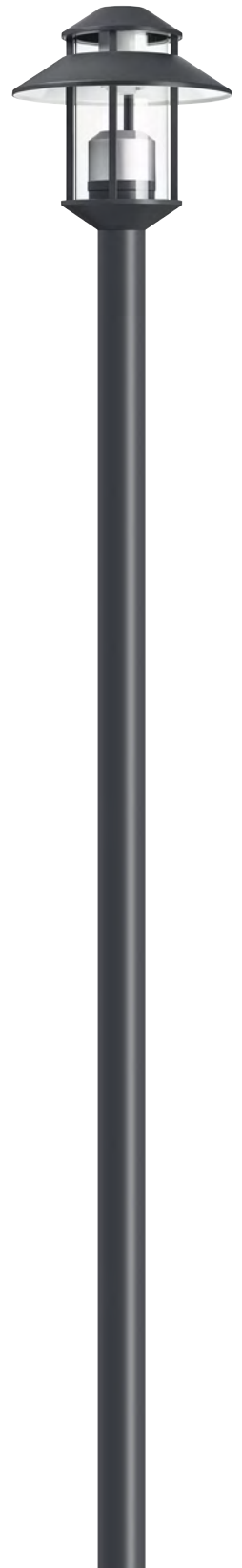


Standard colours – AP





[C60] Symmetric



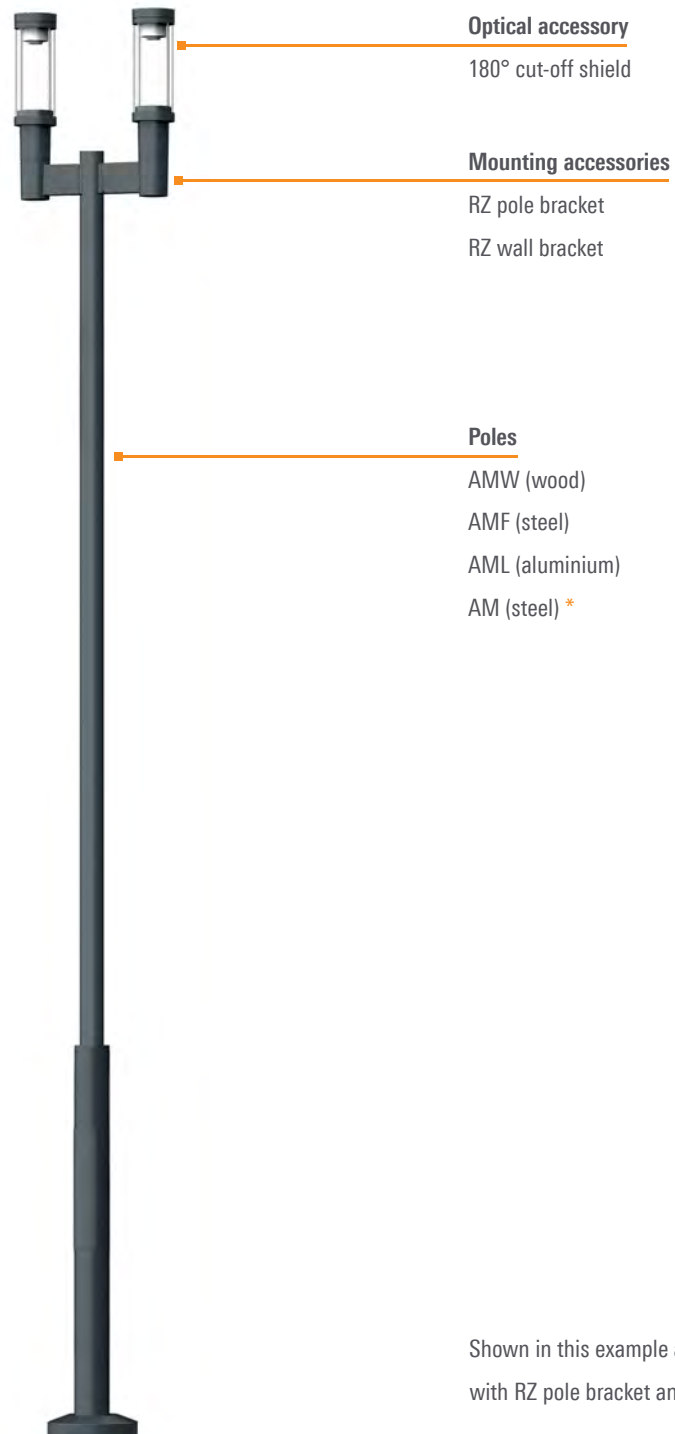
ZA630-FT / ZA640-FT

[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
- Shown above are rated lumens for 3000 K at $T_q = 25^\circ\text{C}$
- For accessories, refer to page 275

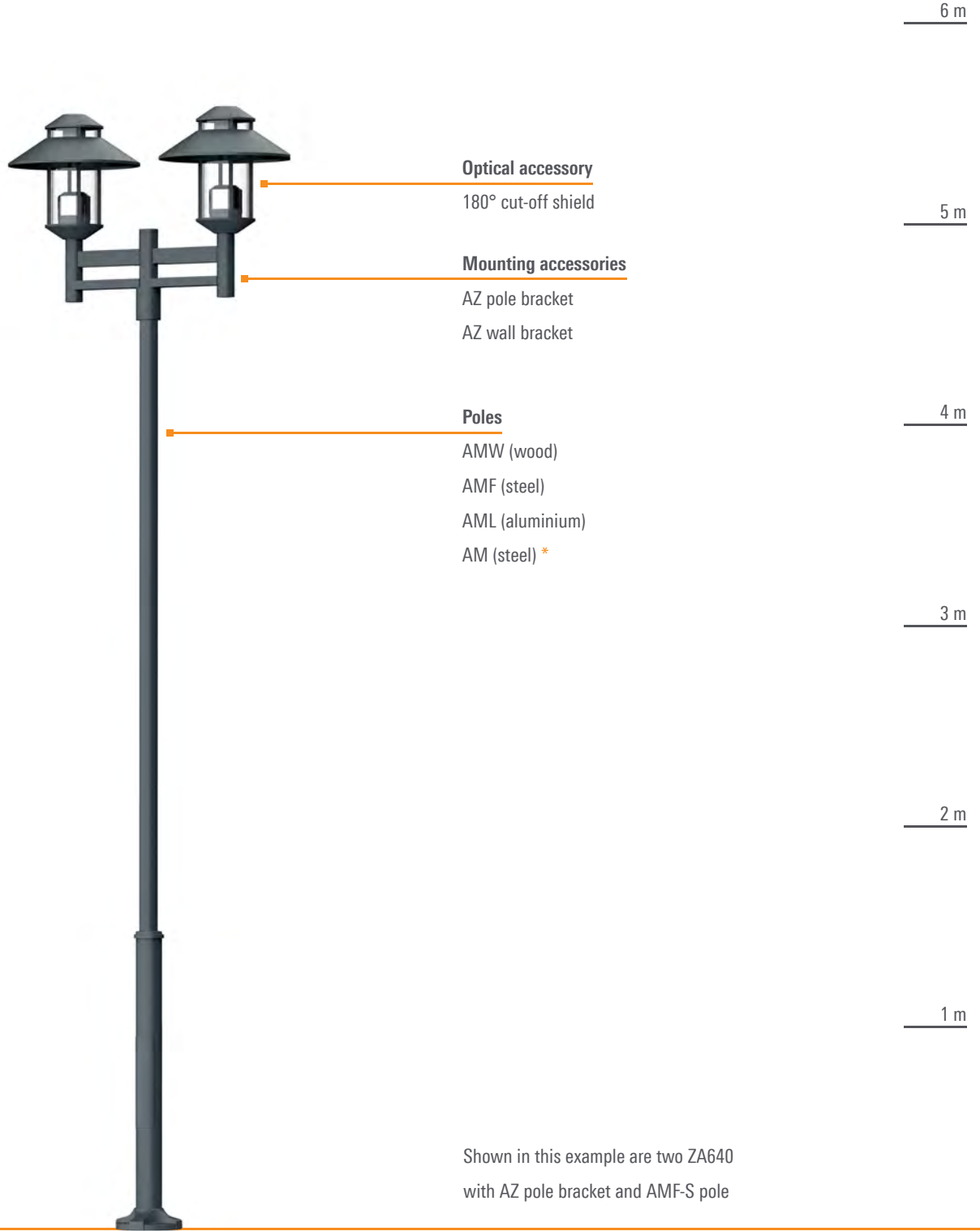
▪ In AU/NZ SP10 (10/10 kV) surge protection is a standard feature



Shown in this example are two ZFT440
with RZ pole bracket and AML-S pole

▪ Recommended mounting height 3.0 - 6.0 m

* Not currently available in AU/NZ



Optical accessory

180° cut-off shield

6 m

5 m

Mounting accessories

AZ pole bracket

AZ wall bracket

Poles

AMW (wood)

AMF (steel)

AML (aluminium)

AM (steel) *

4 m

3 m

2 m

1 m

Shown in this example are two ZA640 with AZ pole bracket and AMF-S pole

▪ Recommended mounting height 3.0 - 6.0 m

* Not currently available in AU/NZ

BILDUNGSZENTRUM



- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware
- Driver: Integral EC electronic converter
- Main lens: PMMA
- Gasketing: Silicone CCG® Controlled Compression Gasket
- Optics: IOS® Innovative Optical System
CAD-optimised for superior illumination and glare control
OLC® One LED Concept
- Installation: FS Factory-sealed luminaire does not need to be opened during installation
- Control options: ON/OFF
WE-EF Eco Step Dim®; refer to page 346



ZAT434 / ZAT444

IP66

IK09

ZAT464 / ZAT474

IP66

IK08

For ZAT430 / ZAT440-FT, refer to website

Available distributions:
[S65] [R65]

Standard colours – AU/NZ

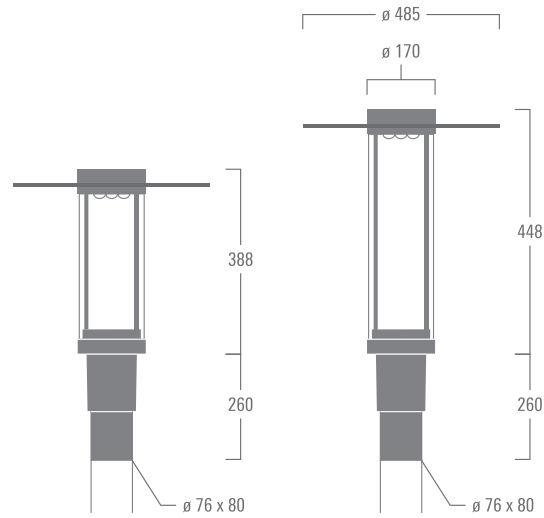


Standard colours – AP

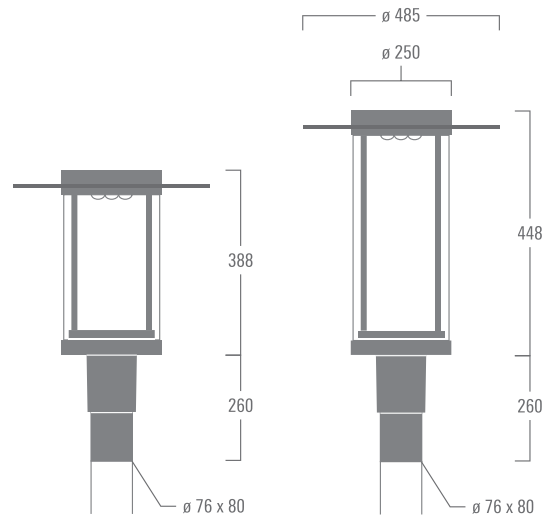




[S65] Streetlighting
[R65] Rectangular 'side throw'



ZAT434 / ZAT444



ZAT464 / ZAT474

ZAT434 / ZAT444

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

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

- In AU/NZ SP10 (10/10 kV) surge protection is a standard feature



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 five 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

Driver: Integral EC electronic converter

Main lens: RFC™ Reflection Free Contour
Polycarbonate, UV stabilised

Gasketing: Silicone CCG® Controlled Compression Gasket

Optics: IOS® Innovative Optical System

CAD-optimised for superior illumination and glare control

OLC® One LED Concept

Modular optical system allows for unparalleled customisation versatility

Installation: FS Factory-sealed luminaire does not need to be opened during installation

Control options: ON/OFF

WE-EF Eco Step Dim®; refer to page 346

R2C Ready to Connect; refer to page 352



IP66

IK09

Bondi Beach

Sydney (AU)

Lighting design: Lighting, Art + Science

Available distributions:

[P65] [S65] [S70] [R65]

Standard colours – AU/NZ



Standard colours – AP



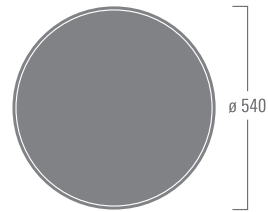


[P65] Pedestrian/bicycle lane
 [S65] [S70] Streetlighting
 [R65] Rectangular 'side throw'



RMT320

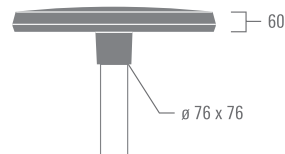
One-sided
 [P65] [S65] [S70] [R65]
 6-52 W
 700-5230 lm



RMT320

Two-sided – one circuit
 [P65] [S65] [S70] [R65]
 12-104 W
 1400-10500 lm

Two-sided – two circuits
 [P65] [S65] [S70] [R65]
 24-104 W
 2800-10500 lm

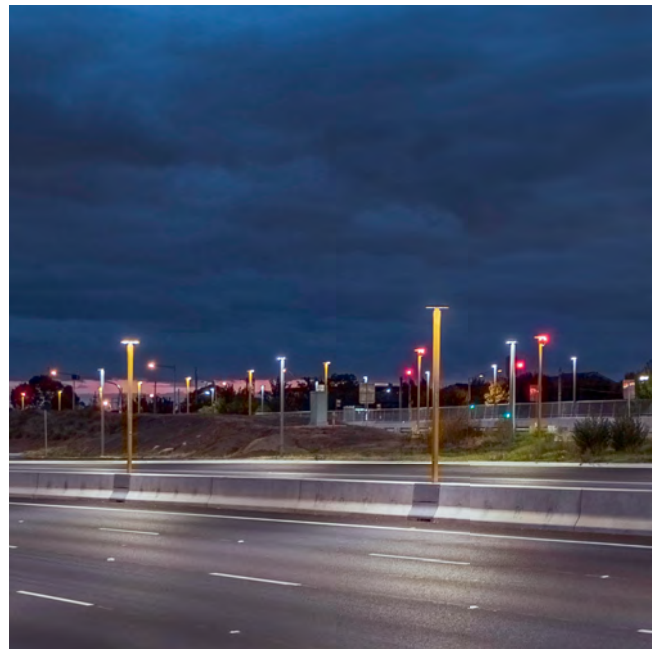


- For detailed specifications, product codes and latest performance data, refer to www.we-ef.com
- Shown above are rated lumens for 3000 K at $T_q = 25^\circ\text{C}$
- For accessories, refer to page 288

- In AU/NZ SP10 (10/10 kV) surge protection is a standard feature

Multiple Choice

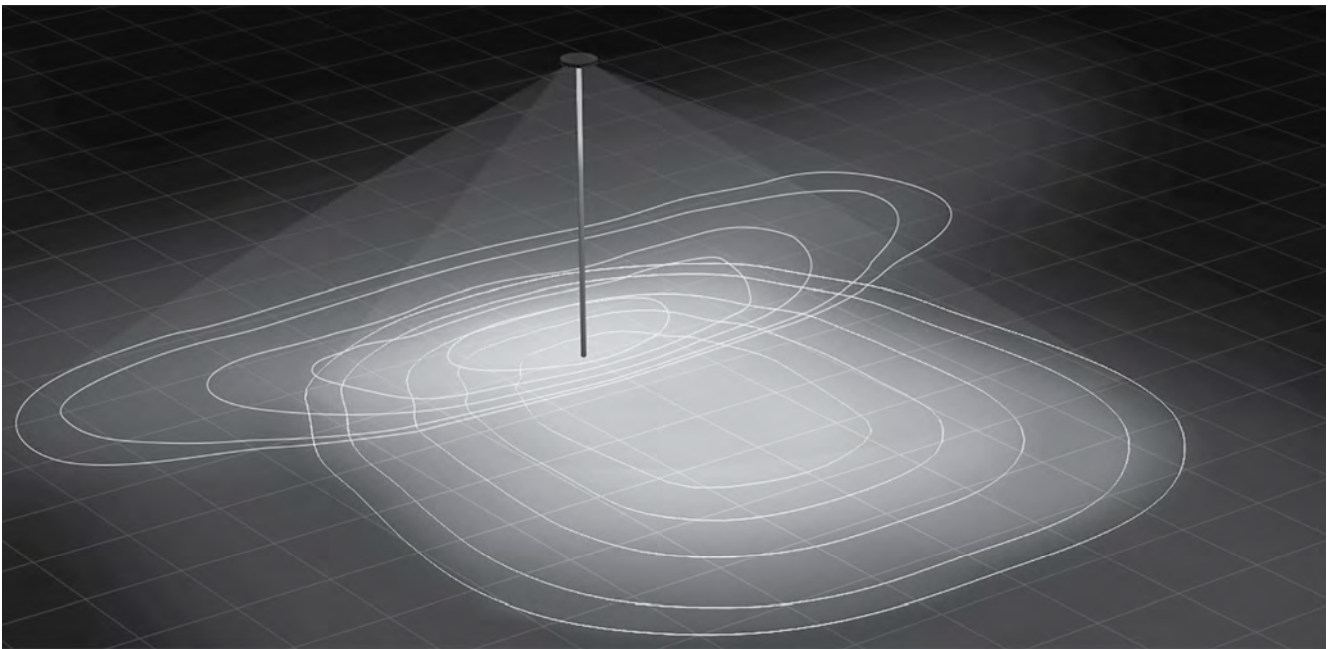
The RMT300 is clearly one of the most – possibly even 'the most' – versatile street and area lighting luminaires available these days. A choice of four standard, plus four custom light distributions can be configured for one-sided, or back-to-back two-sided, light output. In addition, one- or two-circuit switching arrangements allow for highly effective operation by delivering the right amount of light to different parts of a project – as and when needed. Maintaining daytime design consistency by using just one type of luminaire, even throughout a large-scale installation, has never been easier.



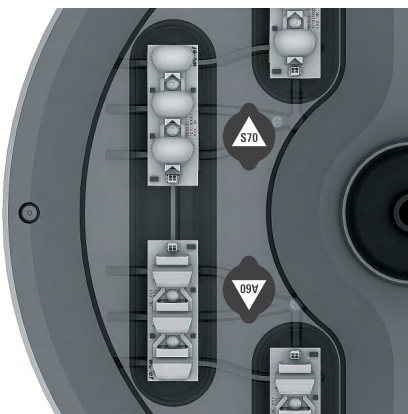
Modular optical system allows for unparalleled versatility and flexibility in street and area lighting applications

Typical customisation examples:

- One common direction
- Back-to-back aiming in opposite directions
- Different colour temperatures
- Different lumens packages
- One- or two-circuit arrangements



RMT320 customised with [S70] and [A60] modular lenses, aimed in opposite directions.





- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware
- Driver: Integral EC electronic converter
- Main lens: RFC™ Reflection Free Contour
Polycarbonate, UV stabilised
- Gasketing: Silicone CCG® Controlled Compression Gasket
- Optics: IOS® Innovative Optical System
CAD-optimised for superior illumination and glare control
OLC® One LED Concept
- Installation: FS Factory-sealed luminaire does not need to be opened during installation
- Control options: ON/OFF
WE-EF Eco Step Dim®; refer to page 346
R2C Ready to Connect; refer to page 352

IP66

IK09



Haselünne (DE)

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

Standard colours – AU/NZ

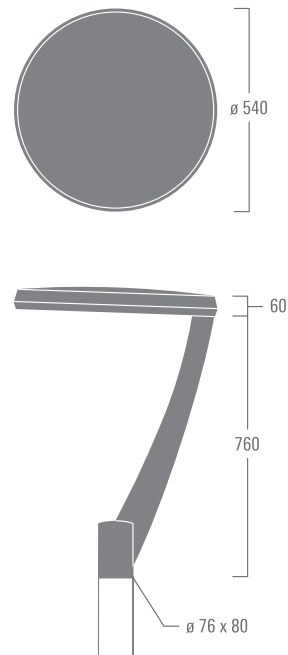


Standard colours – AP





[P65] Pedestrian/bicycle lane
 [S65] [S70] Streetlighting
 [A60] Asymmetric 'forward throw'



RMM320

[P65] [S65] [S70] [A60]

24-104 W
 2680-10470 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 page 289

▪ In AU/NZ SP10 (10/10 kV) surge protection is a standard feature



- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware
- Driver: Integral EC electronic converter
- Main lens: RFC™ Reflection Free Contour
Polycarbonate, UV stabilised
- Gasketing: Silicone CCG® Controlled Compression Gasket
- Optics: IOS® Innovative Optical System
CAD-optimised for superior illumination and glare control
OLC® One LED Concept
- Installation: FS Factory-sealed luminaire does not need to be opened during installation
- Control options: ON/OFF
WE-EF Eco Step Dim®; refer to page 346
R2C Ready to Connect; refer to page 352



IP66

IK08

Midland Railway Square
Perth (AU)
Lighting design: ETC
Landscape Architect: Place Laboratory

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

Standard colours – AU/NZ



Standard colours – AP





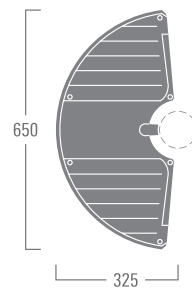
[P65] Pedestrian/bicycle lane
 [S60] [S65] [S70] Streetlighting
 [A60] Asymmetric 'forward throw'
 [R65] Rectangular 'side throw'



RMC320

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

18-78 W
 1960-7870 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 page 289

- In AU/NZ SP10 (10/10 kV) surge protection is a standard feature





Poles

AMW (wood)

AMF (steel)

AML (aluminium)

AM (steel) *

Shown in this example is RMT320
with AML-A pole

▪ Recommended mounting height 3.0 - 6.0 m

* Not currently available in AU/NZ



▪ Recommended mounting height 4.0 - 8.0 m

* Not currently available in AU/NZ



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
- Driver: Integral EC electronic converter in thermally-separated compartment
- Main lens: RFC™ Reflection Free Contour
Polycarbonate, UV stabilised
- Gasketing: Silicone CCG® Controlled Compression Gasket
- Optics: IOS® Innovative Optical System
CAD-optimised for superior illumination and glare control
OLC® One LED Concept
- Installation: FS Factory-sealed luminaire does not need to be opened during installation
- Control options: ON/OFF
WE-EF Eco Step Dim®; refer to page 346
R2C Ready to Connect; refer to page 352



IP66

IK08

The Quadrant Mall
Launceston (AU)
Lighting Design: Engineering Solutions

Available distributions:
[C50] [R]

Standard colours – AU/NZ



RAL 9004 9006 9007 9016

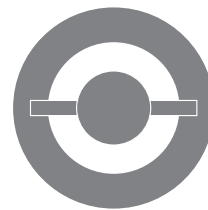
Standard colours – AP



RAL 9004 9007 7016 9016

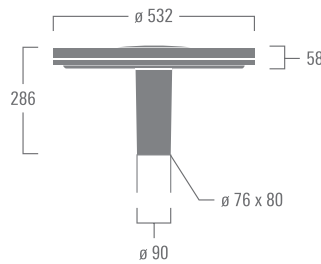


[C50] Symmetric, controlled
[R] Rectangular



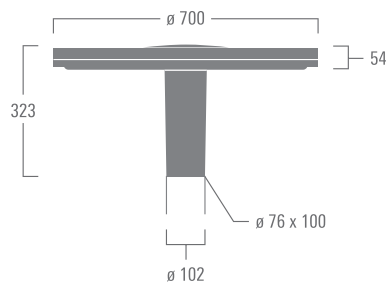
CFT530

[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
- Shown above are rated lumens for 3000 K at $T_q = 25^\circ\text{C}$
- For accessories, refer to page 295

▪ In AU/NZ SP10 (10/10 kV) surge protection is a standard feature



Multiple Award Winner

As a recipient of four prestigious international design awards – Design Plus, Red Dot, Focus Silver, 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 21st century.

DESIGN
PLUS



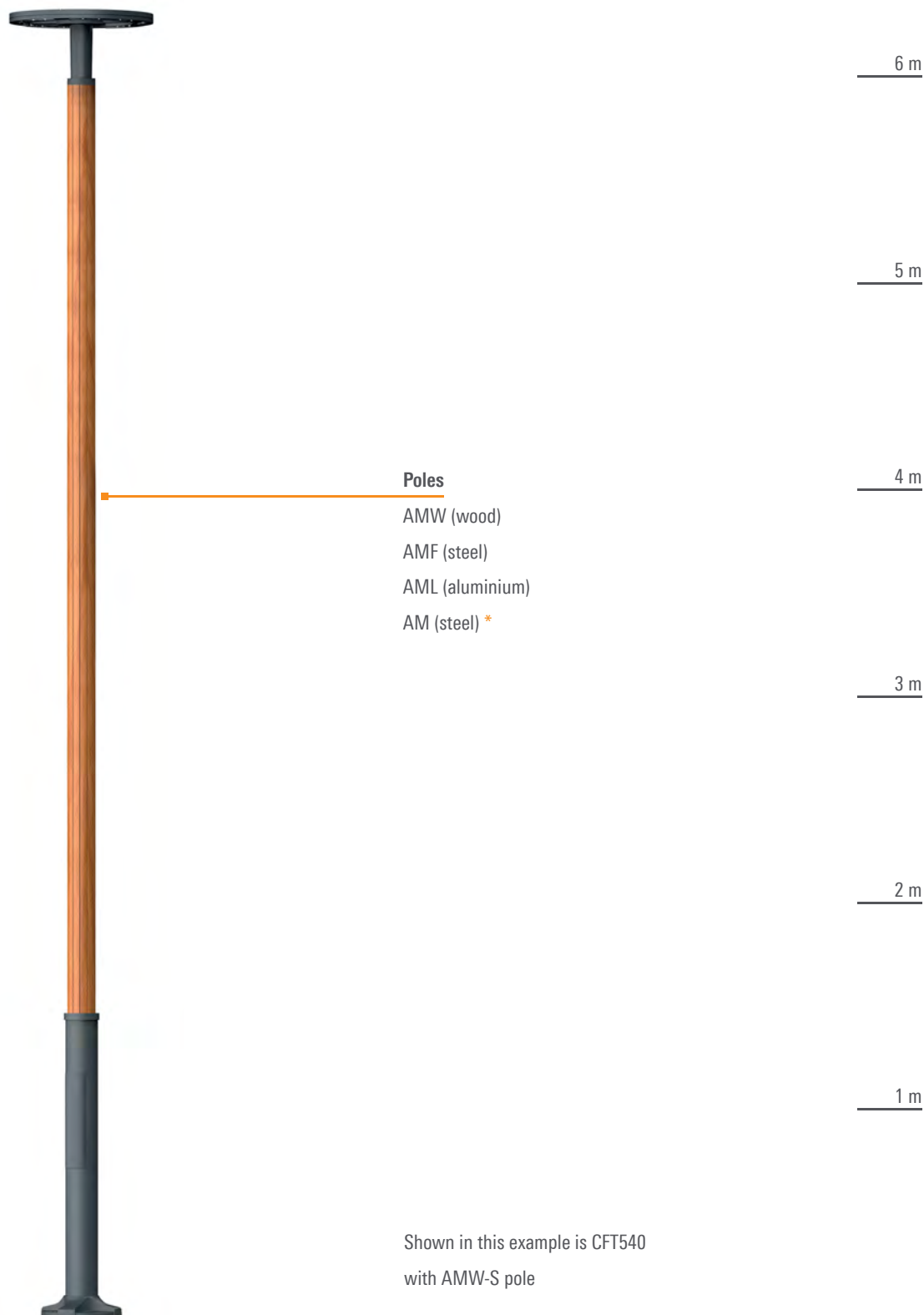
reddot design award
winner



Focus Open
Silver

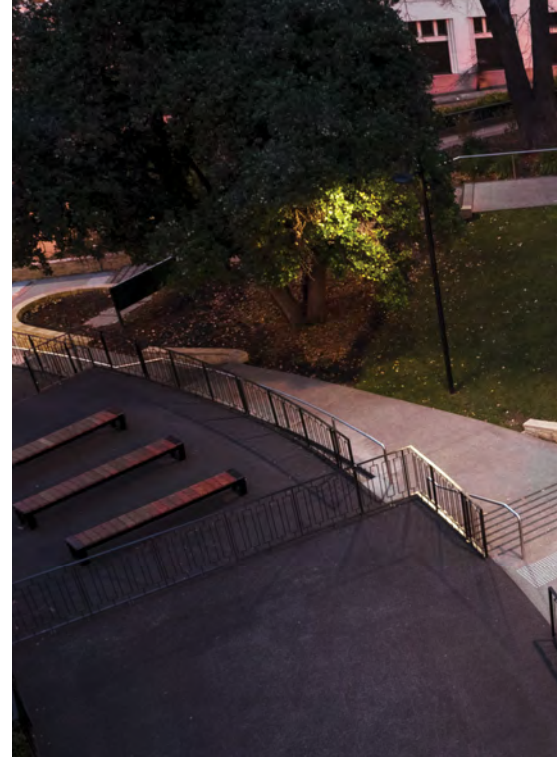


GERMAN
DESIGN
AWARD



▪ Recommended mounting height 4.0 - 8.0 m

* Not currently available in AU/NZ





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 Architecture: City of Hobart

Sales Partner: Southern Lighting and Distribution



- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware
- Driver: Integral EC electronic converter in thermally-shielded compartment
- Main lens: Non-reflecting safety glass, hinged
- Gasketing: Silicone CCG® Controlled Compression Gasket
- Optics: IOS® Innovative Optical System
CAD-optimised for superior illumination and glare control
OLC® One LED Concept
- Installation: FS Factory-sealed luminaire does not need to be opened during installation
- Control options: ON/OFF
WE-EF Eco Step Dim®; refer to page 346
R2C Ready to Connect; refer to page 352



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 – AU/NZ



Standard colours – AP





[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'



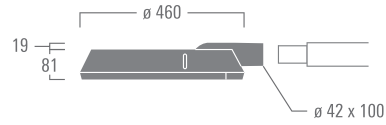
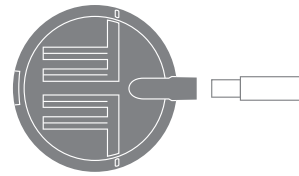
[P45R] [P45L]



RFL530-SE

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

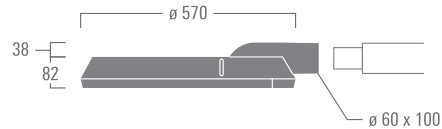
12-72 W
 1410-8720 lm



RFL540-SE

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

36-144 W
 4230-17430 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 page 315

- In AU/NZ SP10 (10/10 kV) surge protection is a standard feature





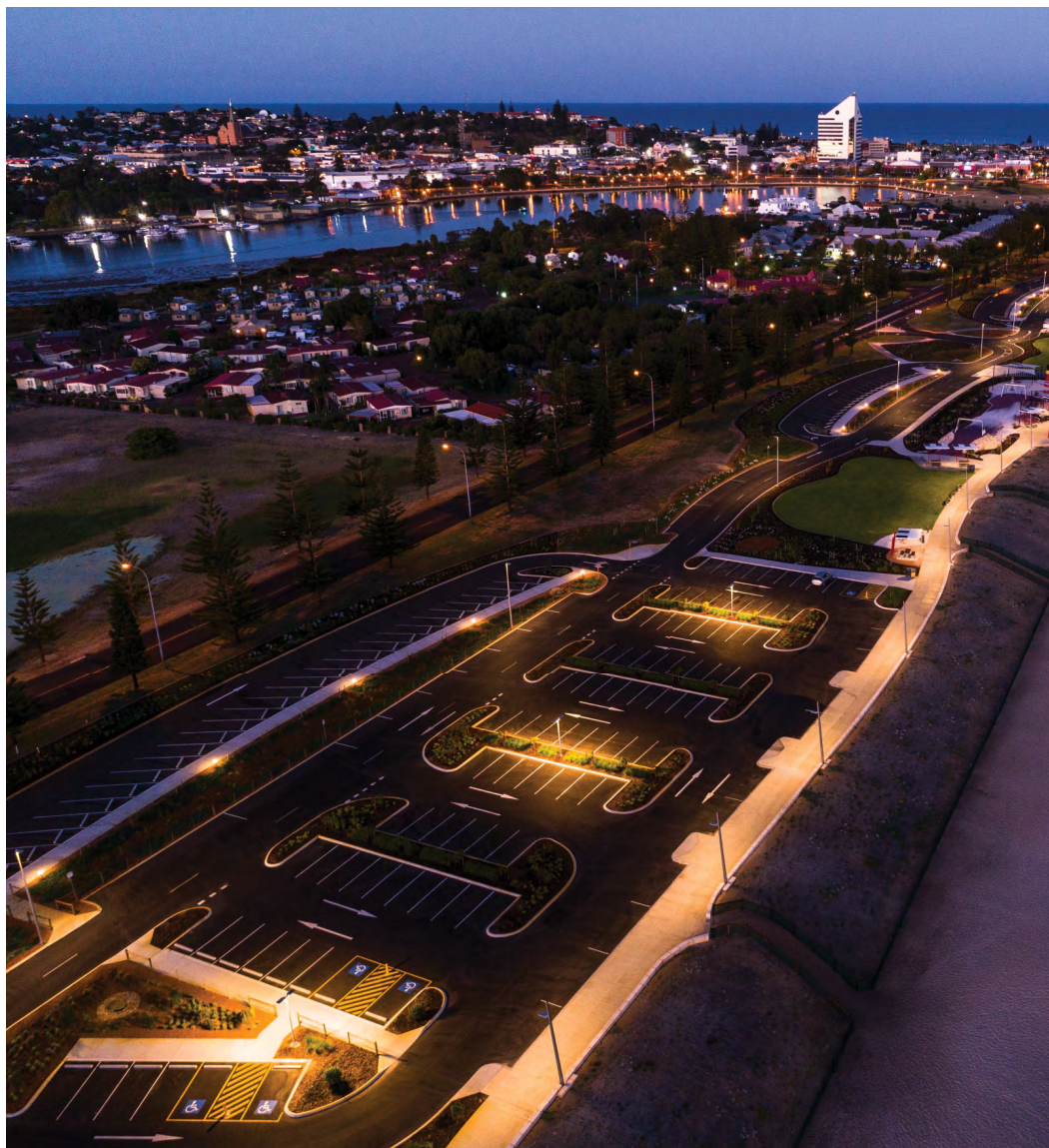
Boardwalk, Koombana Bay
Bunbury (AU)
Lighting Design and Engineering: ETC Consultants
Sales Partner: H.I. Lighting



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.





Luminaire housing:	Marine-grade, die-cast aluminium alloy
Corrosion protection:	5CE, including PCS hardware
Driver:	Integral EC electronic converter in thermally-shielded compartment
Main lens:	RFC™ Reflection Free Contour Polycarbonate, UV stabilised
Gasketing:	Silicone CCG® Controlled Compression Gasket
Optics:	IOS® Innovative Optical System CAD-optimised for superior illumination and glare control OLC® One LED Concept
Installation:	FS Factory-sealed luminaire does not need to be opened during installation
Control options:	ON/OFF WE-EF Eco Step Dim®; refer to page 346 R2C Ready to Connect; refer to page 352

IP66

IK08



BMW Hauptstadtrepräsentanz am Messedamm
Berlin (DE)
Architect: Lanz Architekten

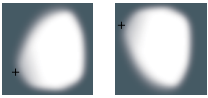
Available distributions:
[P45R] [P45L]
[P65] [S60] [S65] [S70] [A60] [R65]

Standard colours – AU/NZ



Standard colours – AP





[P45R] Pedestrian crossing, for right-hand traffic

[P45L] Pedestrian crossing, for left-hand traffic

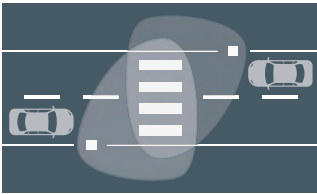


[P65] Pedestrian/bicycle lane

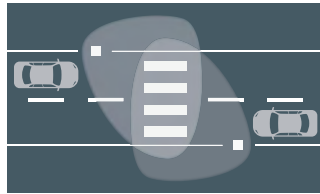
[S60] [S65] [S70] Streetlighting

[A60] Asymmetric 'forward throw'

[R65] Rectangular 'side throw'



[P45R]



[P45L]

VFL520

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

12-36 W
1420-4250 lm

VFL530

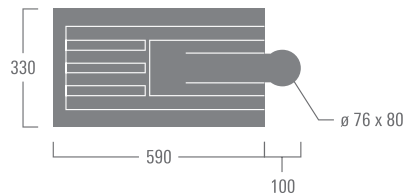
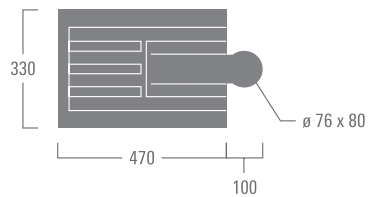
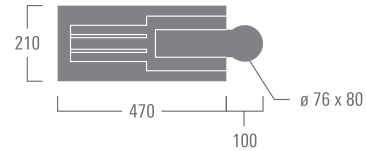
[P65] [S60] [S65] [S70] [A60] [R65]

12-72 W
1410-8510 lm

VFL540

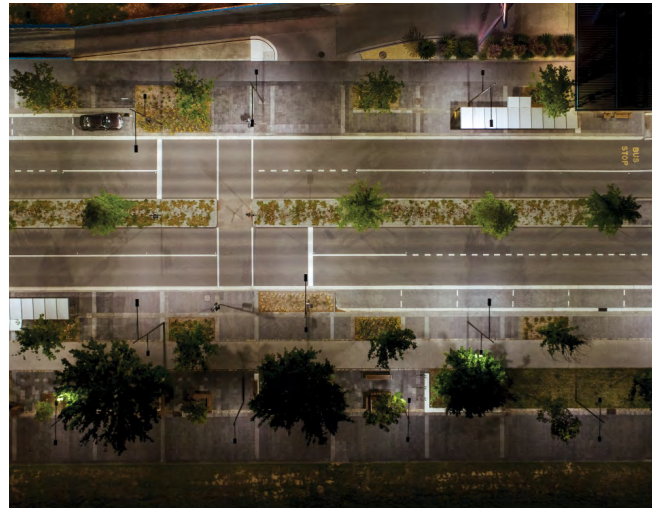
[P45R] [P45L]
[P65] [S60] [S65] [S70] [A60] [R65]

36-126 W
2820-14890 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 page 316

- In AU/NZ SP10 (10/10 kV) surge protection is a standard feature
- ADSA (Australian Dark Sky Alliance) certified for specific models.



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 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 Designer: Lighting Art & Science

Electrical Engineer: Lighting Art & Science and AECOM Canberra

Sales Partner: Integral Lighting





- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware
- Driver: Integral EC electronic converter in thermally-shielded compartment
- Main lens: RFC™ Reflection Free Contour
Polycarbonate, UV stabilised
- Gasketing: Silicone CCG® Controlled Compression Gasket
- Optics: IOS® Innovative Optical System
CAD-optimised for superior illumination and glare control
OLC® One LED Concept
- Installation: FS Factory-sealed luminaire does not need to be opened during installation
- Control options: ON/OFF
WE-EF Eco Step Dim®; refer to page 346
R2C Ready to Connect; refer to page 352

IP66

IK08

**Constitution Avenue**

Canberra (AU)

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

Electrical engineer: LA+S and AECOM Canberra

Sales partner: Integral Lighting

Available distributions:

[P45R] [P45L]

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

Standard colours – AU/NZ

RAL 9004 9006 9007 9016

Standard colours – AP

RAL 9004 9007 7016 9016



[P45R] Pedestrian crossing, for right-hand traffic

[P45L] Pedestrian crossing, for left-hand traffic

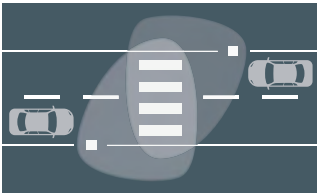


[P65] Pedestrian/bicycle lane

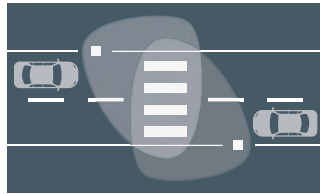
[S60] [S65] [S70] Streetlighting

[A60] Asymmetric 'forward throw'

[R65] Rectangular 'side throw'



[P45R]



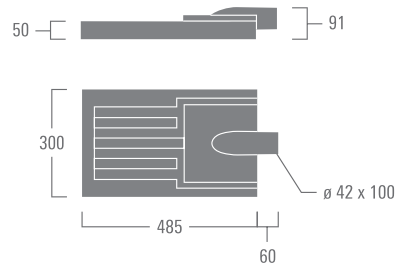
[P45L]



VFL530-SE

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

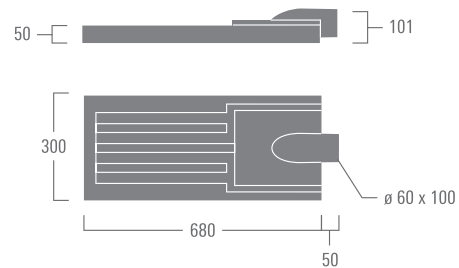
12-72 W
1380-8890 lm



VFL540-SE

[P45R] [P45L]
[P65] [S60] [S65] [S70] [A60] [R65]

36-144 W
4050-17790 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 page 316

- In AU/NZ SP10 (10/10 kV) surge protection is a standard feature
- ADSA (Australian Dark Sky Alliance) certified for specific models.



Luminaire housing:	Marine-grade, die-cast aluminium alloy
Corrosion protection:	5CE, including PCS hardware
Driver:	Integral EC electronic converter in thermally-shielded compartment
Main lens:	RFC™ Reflection Free Contour Polycarbonate, UV stabilised
Gasketing:	Silicone CCG® Controlled Compression Gasket
Optics:	IOS® Innovative Optical System CAD-optimised for superior illumination and glare control OLC® One LED Concept
Installation:	FS Factory-sealed luminaire does not need to be opened during installation
Control options:	ON/OFF WE-EF Eco Step Dim®; refer to page 346 R2C Ready to Connect; refer to page 352

IP66

IK08



BMW Niederlassung Riller &
Schnack am Hindenburgdamm
Berlin (DE)

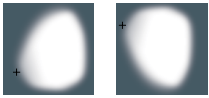
Available distributions:
[P45R] [P45L]
[S60] [S65] [S70] [A60] [R65]

Standard colours – AU/NZ

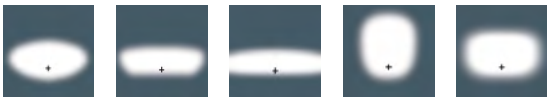


Standard colours – AP

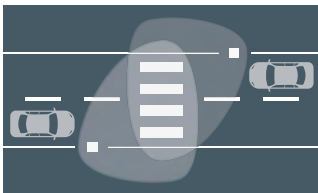




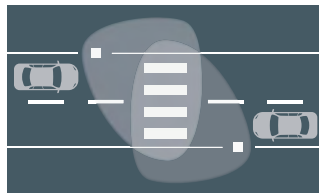
[P45R] Pedestrian crossing, for right-hand traffic
 [P45L] Pedestrian crossing, for left-hand traffic



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



[P45R]



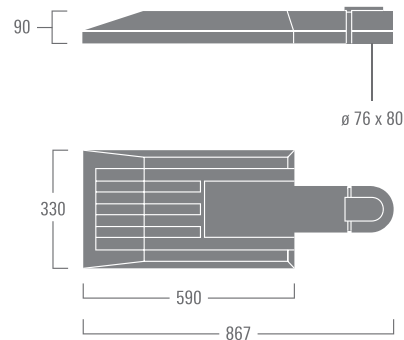
[P45L]



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
- Shown above are rated lumens for 3000 K at $T_q = 25^\circ\text{C}$
- For accessories, refer to page 317

- In AU/NZ SP10 (10/10 kV) surge protection is a standard feature
- ADSA (Australian Dark Sky Alliance) certified for specific models.



- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware
- Driver: Integral EC electronic converter in thermally-shielded compartment
- Main lens: Safety glass, hinged
- Gasketing: Silicone CCG® Controlled Compression Gasket
- Optics: IOS® Innovative Optical System
CAD-optimised for superior illumination and glare control
OLC® One LED Concept
- Installation: FS Factory-sealed luminaire does not need to be opened during installation
- Control options: ON/OFF
WE-EF Eco Step Dim®; refer to page 346



IP66

IK08

Woody Point Jetty
Queensland (AU)

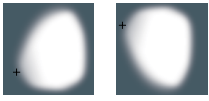
Available distributions:
[P45R] [P45L]
[P65] [S65] [A60] [R65]

Standard colours – AU/NZ



Standard colours – AP





[P45R] Pedestrian crossing, for right-hand traffic

[P45L] Pedestrian crossing, for left-hand traffic

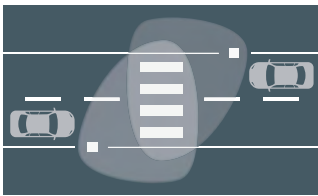


[P65] Pedestrian/bicycle lane

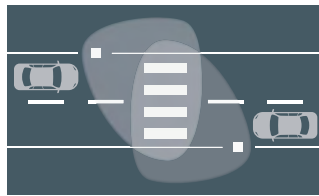
[S65] Streetlighting

[A60] Asymmetric 'forward throw'

[R65] Rectangular 'side throw'



[P45R]



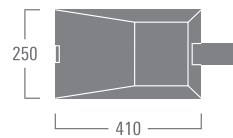
[P45L]



PFL230

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

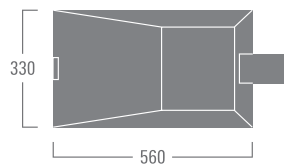
12-36 W
1160-3540 lm



PFL240

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

36-72 W
3230-7500 lm

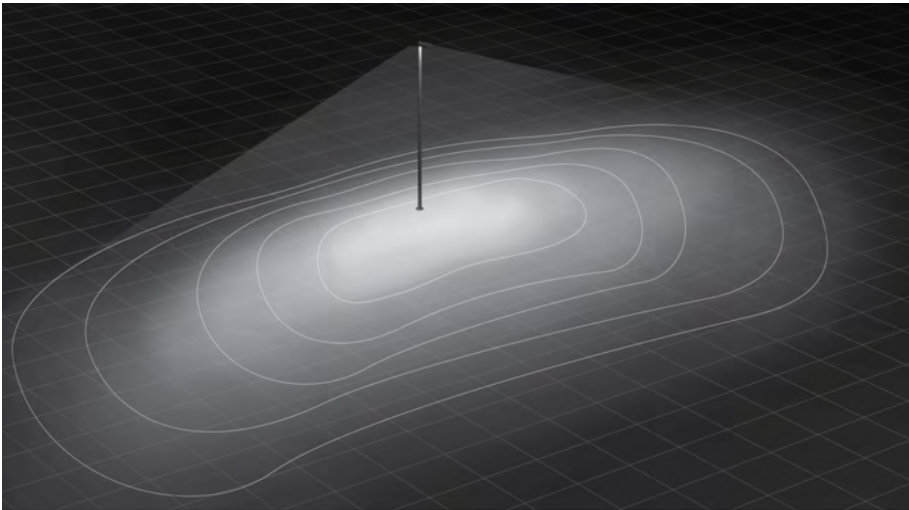


- For detailed specifications, product codes and latest performance data, refer to www.we-ef.com
- Shown above are rated lumens for 3000 K at $T_q = 25^\circ\text{C}$
- For accessories, refer to page 317

- In AU/NZ SP10 (10/10 kV) surge protection is a standard feature

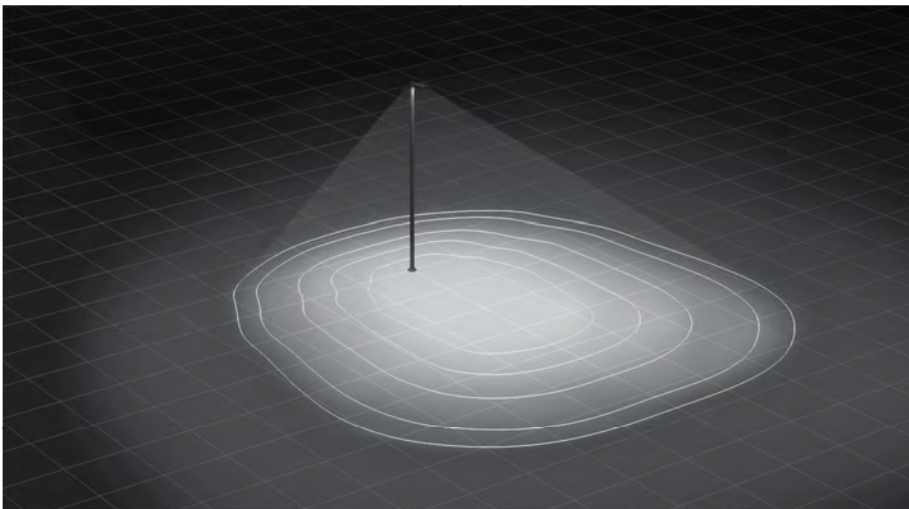
IOS® Innovative Optical System

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 356



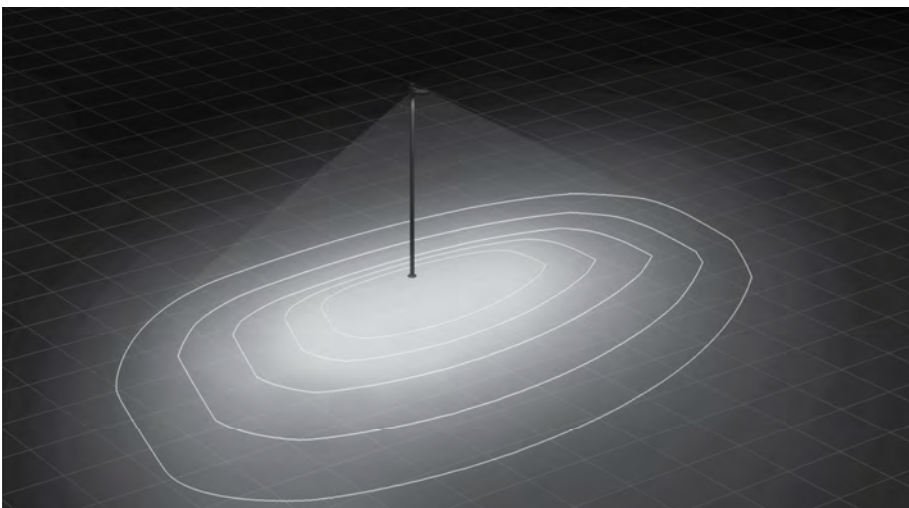
[S70] Streetlighting

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



[A60] Asymmetric 'forward throw'

Particularly suitable for area lighting such as car parks etc.



[R65] Rectangular 'side throw'

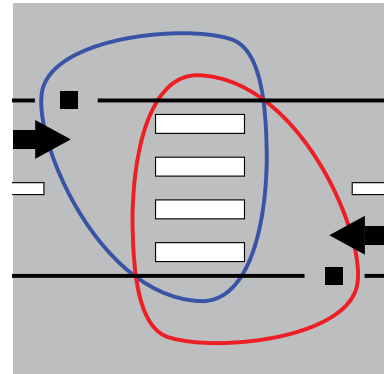
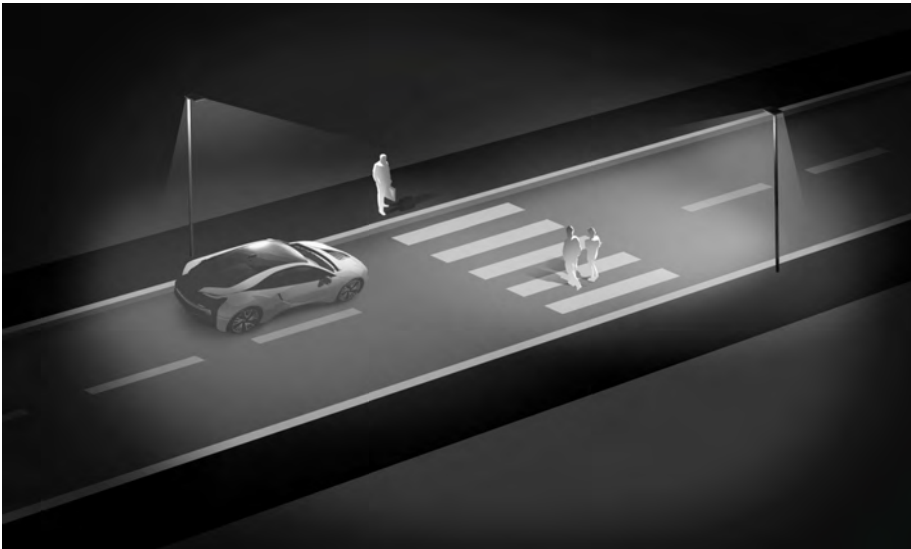
Developed for area lighting applications where a combination of side and forward throw of light is required.

[P45R]

Pedestrian crossing, for right-hand traffic

[P45L]

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



**[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.



Mounting accessories

- RE, RF, RI pole brackets
- RE, RI wall brackets

6 m

5 m

Poles

- AMW (wood)
- AMF (steel)
- AML (aluminium)
- AM (steel) *

4 m

3 m

2 m

1 m

Shown in this example are two RFL540-SE with RE pole bracket and AMF-S pole

▪ Recommended mounting height 4.0 - 10.0 m

* Not currently available in AU/NZ

Mounting accessories

RV pole bracket
RV wall bracket

Poles

AMW (wood)
AMF (steel)
AML (aluminium)
AM (steel) *

Shown in this example is VFL540
with AML-A pole

**Mounting accessories**

RE, RF, RI pole brackets
RE, RI wall bracket

Poles

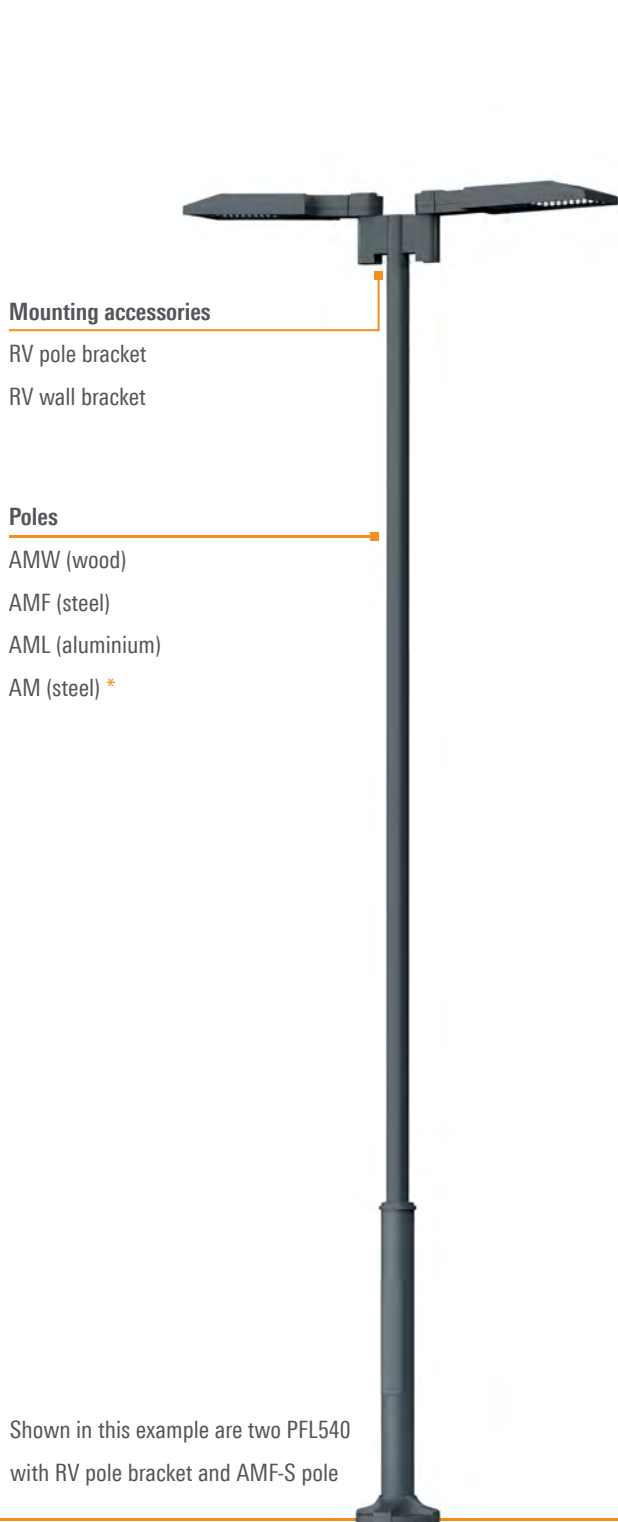
AMW (wood)
AMF (steel)
AML (aluminium)
AM (steel) *

Shown in this example are two VFL540-SE
with RE pole bracket and AMF-S pole



▪ Recommended mounting height 4.0 - 10.0 m

* Not currently available in AU/NZ



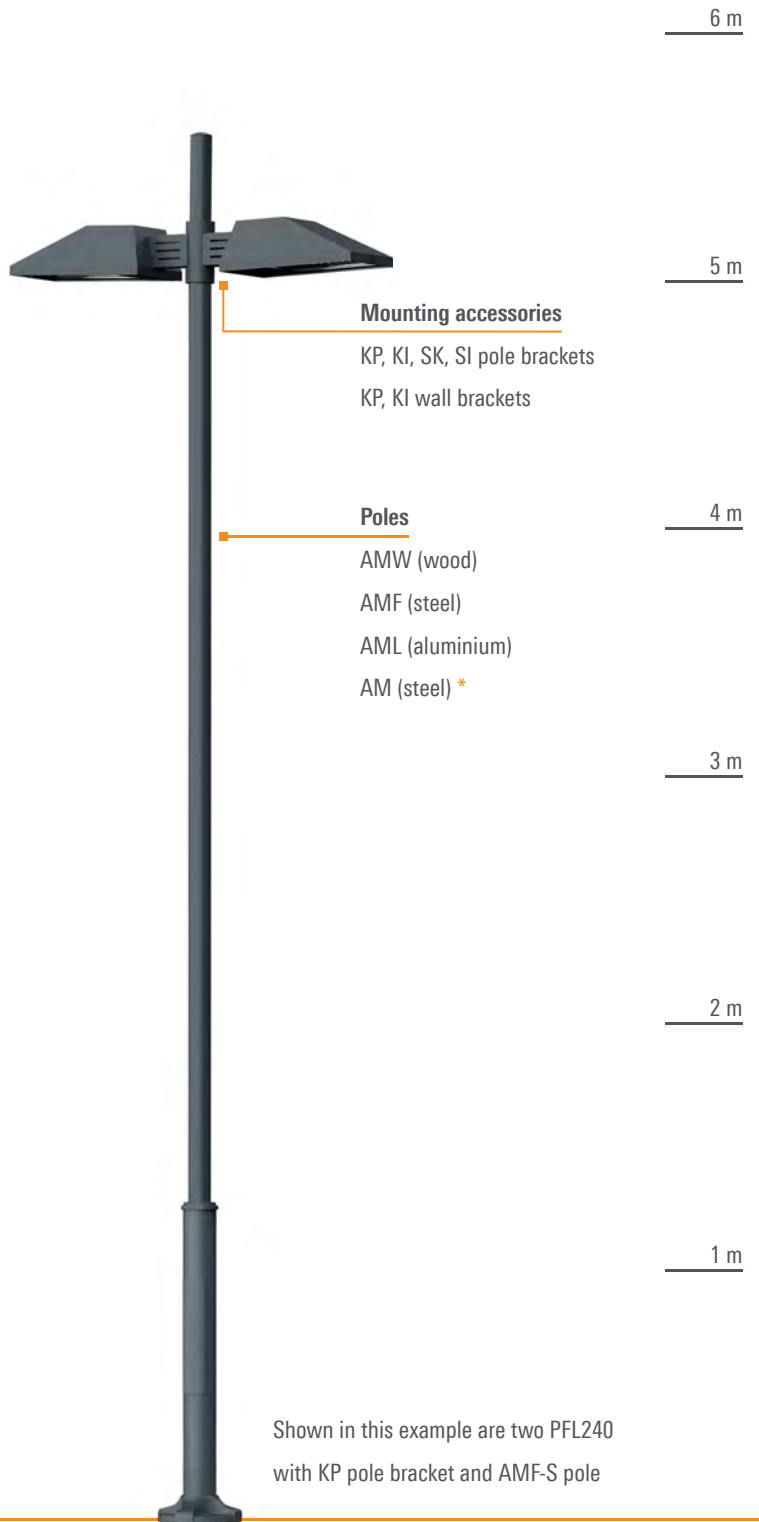
Mounting accessories

- RV pole bracket
- RV wall bracket

Poles

- AMW (wood)
- AMF (steel)
- AML (aluminium)
- AM (steel) *

Shown in this example are two PFL540 with RV pole bracket and AMF-S pole



Mounting accessories

- KP, KI, SK, SI pole brackets
- KP, KI wall brackets

Poles

- AMW (wood)
- AMF (steel)
- AML (aluminium)
- AM (steel) *

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

▪ Recommended mounting height 6.0 - 10.0 m

* Not currently available in AU/NZ

▪ Recommended mounting height 4.0 - 6.0 m

* Not currently available in AU/NZ

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 WE-EF has an answer to these challenges.







- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware
- Driver: Integral EC electronic converter in thermally-separated compartment
- Main lens: Safety glass, hinged
- Gasketing: Silicone CCG® Controlled Compression Gasket
- Optics: IOS® Innovative Optical System
CAD-optimised for superior illumination and glare control
OLC® One LED Concept
- Mains connection: One cable gland
- Control options: ON/OFF
WE-EF Eco Step Dim®; refer to page 346

IP66

IK08



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

Standard colours – AU/NZ



RAL 9004 9006 9007 9016

Standard colours – AP



RAL 9004 9007 7016 9016



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

Suitable for downlighting, façade and uplighting applications

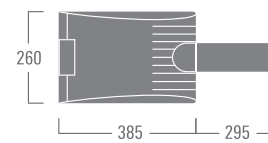
For matching wall mounted luminaires, refer to page 114



FLA441*

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

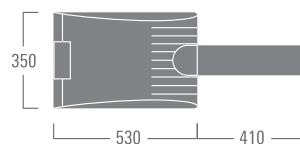
36-54 W
3230-5630 lm



FLA461*

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

72-108 W
6610-11250 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 page 326

* Not currently available in AU/NZ



- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware
- Driver: Integral EC electronic converter in thermally-separated compartment
- Main lens: Safety glass, hinged
- Gasketing: Silicone CCG® Controlled Compression Gasket
- Optics: IOS® Innovative Optical System
CAD-optimised for superior illumination and glare control
OLC® One LED Concept
- Mains connection: One cable gland
- Control options: ON/OFF
WE-EF Eco Step Dim®; refer to page 346

IP66

IK08



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

Standard colours – AU/NZ



RAL 9004 9006 9007 9016

Standard colours – AP



RAL 9004 9007 7016 9016



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

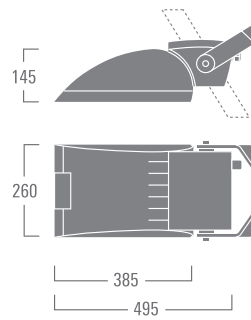
Suitable for downlighting, façade and uplighting applications



FLA440

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

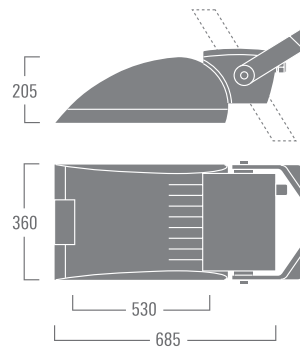
36-54 W
3230-5630 lm



FLA460

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

72-108 W
6460-11250 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 page 327

- In AU/NZ SP10 (10/10 kV) surge protection is a standard feature



- Luminaire housing: Marine-grade, die-cast aluminium alloy
- Corrosion protection: 5CE, including PCS hardware
- Driver: Integral EC electronic converter in thermally-shielded compartment
- Main lens: Safety glass, hinged
- Gasketing: Silicone CCG® Controlled Compression Gasket
- Optics: IOS® Innovative Optical System
CAD-optimised for superior illumination and glare control
OLC® One LED Concept
- Mains connection: One cable gland
- Control options: ON/OFF
WE-EF Eco Step Dim®; refer to page 346



IP66

IK08

Exploratorium
San Francisco (US)
Architect: EHDD
Lighting design: David Nelsen & Associates

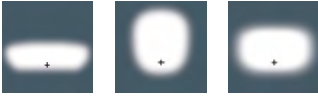
Available distributions:
[S65] [A60] [R65]

Standard colours – AU/NZ



Standard colours – AP





[S65] Streetlighting

[A60] Asymmetric 'forward throw'

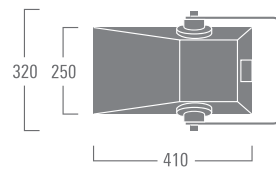
[R65] Rectangular 'side throw'



FLA730

[S65] [A60] [R65]

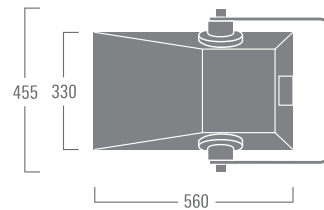
24-54 W
2060-5610 lm



FLA740

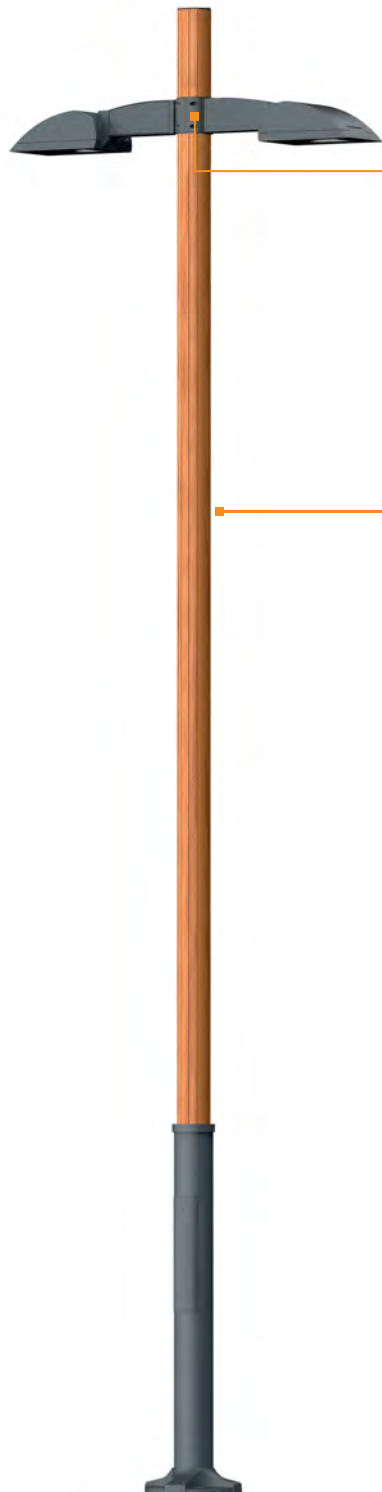
[S65] [A60] [R65]

36-72 W
3230-7500 lm



- For detailed specifications, product codes and latest performance data, refer to www.we-ef.com
- Shown above are rated lumens for 3000 K at $T_q = 25^\circ\text{C}$
- For accessories, refer to page 327

- In AU/NZ SP10 (10/10 kV) surge protection is a standard feature



Mounting accessories

EB column fitter

Poles

AMW (wood)

AMF (steel)

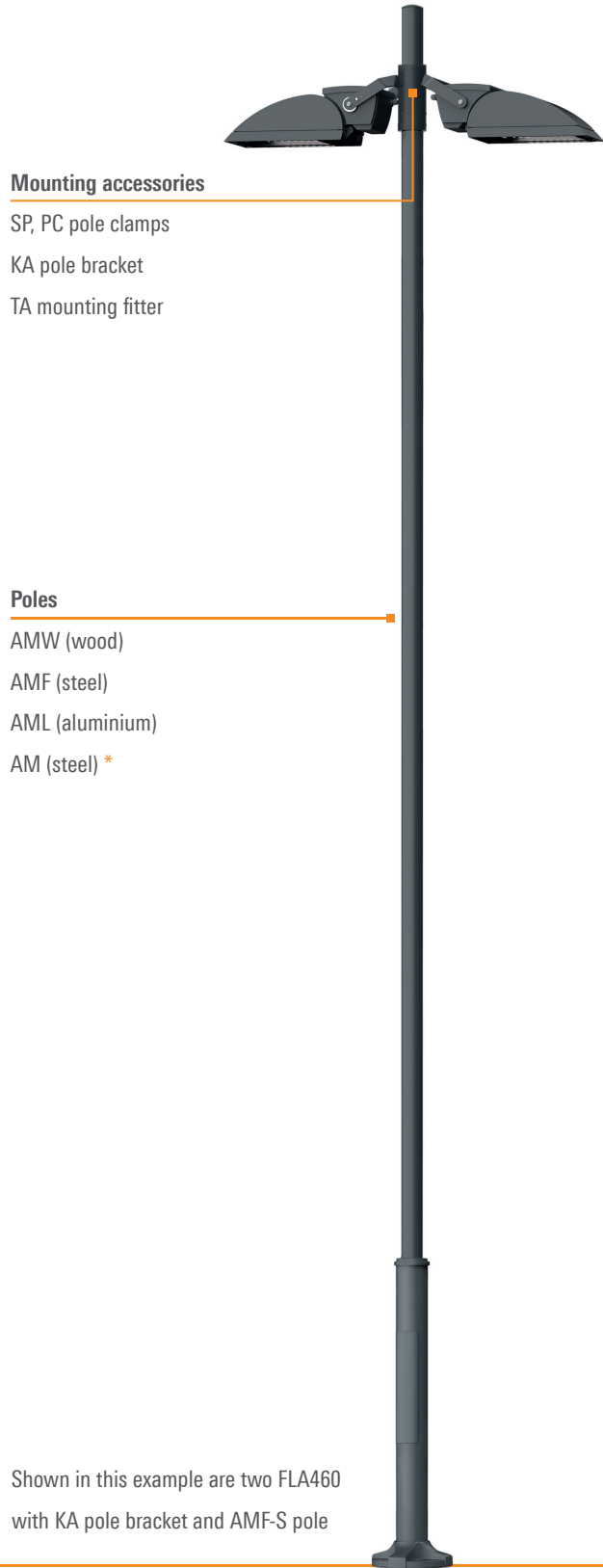
AML (aluminium)

AM (steel) *

Shown in this example are two FLA441
with EB column fitter and AMW-S pole

▪ Recommended mounting height 4.0 - 6.0 m

* Not currently available in AU/NZ



Mounting accessories

- SP, PC pole clamps
- KA pole bracket
- TA mounting fitter

Poles

- AMW (wood)
- AMF (steel)
- AML (aluminium)
- AM (steel) *

Shown in this example are two FLA460 with KA pole bracket and AMF-S pole



Mounting accessories

- PC pole clamp
- TA mounting fitter

Poles

- AMW (wood)
- AMF (steel)
- AML (aluminium)
- AM (steel) *

Shown in this example is FLA740 with PC pole clamp and AMF-C pole

6 m

5 m

4 m

3 m

2 m

1 m

▪ Recommended mounting height 6.0 - 10.0 m

▪ Recommended mounting height 4.0 - 6.0 m

* Not currently available in AU/NZ

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

