



WE-EF LEUCHTEN  
General Catalogue  
Asia Pacific Edition  
2019

Street And Area Lighting




## STREET AND AREA LIGHTING




**ZFT400 SERIES**  
Page 170-171  
[C60] Controlled symmetric distribution  
[S65] Streetlighting distribution  
[R65] Rectangular 'forward throw' distribution







[C60] [S65] [R65]









**ZA600 SERIES**  
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[C60] Controlled symmetric distribution



[C60]



**RMT300 SERIES**  
Page 174-177  
[P65] Pedestrian/bicycle lane distribution  
[S65] [S70] Streetlighting distribution

[P65] One-sided [S65] One-sided [S70] One-sided  
[P65] Two-sided [S65] Two-sided [S70] Two-sided



**RMM300 SERIES**  
Page 178-181  
[P65] Pedestrian/bicycle lane distribution  
[S65] [S70] Streetlighting distribution  
[A60] Asymmetric 'forward throw' distribution






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



**CFT500 SERIES**  
Page 182-183  
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[C50] [R]



**RMC300 SERIES**  
Page 184-187  
[S60] [S65] [S70] Streetlighting distribution  
[A60] Asymmetric 'forward throw' distribution  
[R65] Rectangular 'forward throw' distribution







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



**RFL500-SE SERIES**  
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[S60] [S65] [S70] Streetlighting distribution  
[A60] Asymmetric 'forward throw' distribution  
[R65] Rectangular 'forward throw' distribution







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



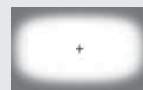
**RFS500 SERIES**

Page 194-195

[S60] [S65] [S70] Streetlighting distribution



[S60]



[S65]



[S70]



**VFL500 SERIES**

Page 196-199

[P45R] Pedestrian crossing distribution,  
for right-hand traffic

[P45L] Pedestrian crossing distribution,  
for left-hand traffic

[P65] Pedestrian/bicycle lane distribution

[S60] [S65] [S70] Streetlighting distribution

[A60] Asymmetric 'forward throw' distribution

[R65] Rectangular 'forward throw' distribution



[P45R]



[P45L]



[P65]



[S60]



[S65]



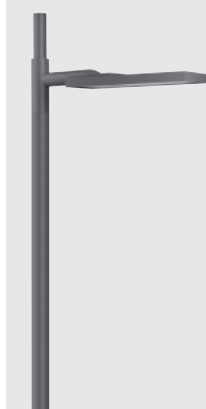
[S70]



[A60]



[R65]



**VFL500-SE SERIES**

Page 200-205

[P45R] Pedestrian crossing distribution,  
for right-hand traffic

[P45L] Pedestrian crossing distribution,  
for left-hand traffic

[S60] [S65] [S70] Streetlighting distribution

[A60] Asymmetric 'forward throw' distribution

[R65] Rectangular 'forward throw' distribution



[P45R]



[P45L]



[S60]



[S65]



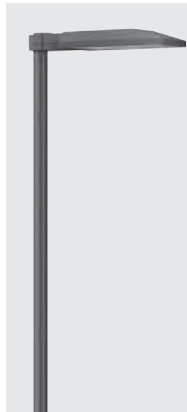
[S70]



[A60]



[R65]



**PFL500 SERIES**

Page 206-211

[P45R] Pedestrian crossing distribution,  
for right-hand traffic

[P45L] Pedestrian crossing distribution,  
for left-hand traffic

[S60] [S65] [S70] Streetlighting distribution

[A60] Asymmetric 'forward throw' distribution

[R65] Rectangular 'forward throw' distribution



[P45R]



[P45L]



[S60]



[S65]



[S70]



[A60]



[R65]


## STREET AND AREA LIGHTING




**PFL200 SERIES**  
Page 212-213

- [P45R] Pedestrian crossing distribution, for right-hand traffic
- [P45L] Pedestrian crossing distribution, for left-hand traffic
- [P65] Pedestrian/bicycle lane distribution
- [S65] Streetlighting distribution
- [A60] Asymmetric 'forward throw' distribution









[P45R] [P45L] [P65] [S65] [A60]



**PFL200 SERIES – HIT**  
Page 214-217

- [S60] Streetlighting distribution
- [A60] Asymmetric 'forward throw' distribution

[S60] [A60]




**FLA400 #5 SERIES**  
Page 218-221

- [S65] [S70] Streetlighting distribution
- [A60] Asymmetric 'forward throw' distribution
- [R65] Rectangular 'forward throw' distribution







[S65] [S70] [A60] [R65]




**ALP500 SERIES**  
Page 222-223

- [C60] Controlled symmetric distribution




[C60]



**AOP500 SERIES**  
Page 224-225

- [C60] Controlled symmetric distribution



[C60]




**ASP500 SERIES**  
Page 226-229

- [S65] [S70] Streetlighting distribution
- [R65] Rectangular 'forward throw' distribution








[S65] [S70] [R65]



**RBM600 SERIES – HIT**  
Page 230-231

- [S60] Streetlighting distribution
- [A60] Asymmetric 'forward throw' distribution
- [Q] Square distribution

[S60] [A60] [Q]



### RBL600 SERIES – HIT

Page 232-235

[S60] Streetlighting distribution

[A60] Asymmetric 'forward throw' distribution



[S60]



[A60]

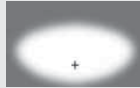


### SBL400 SERIES – HIT

Page 236-237

[S60] Streetlighting distribution

[A60] Asymmetric 'forward throw' distribution



[S60]



[A60]



### WE-EF CONTROL AND SURGE PROTECTION

Page 238-241

- Energy-saving solutions
- SP10 enhanced surge protection

## ZFT400 SERIES

[Factory-sealed] Pole mounted luminaire. IP66. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection include PCS hardware. Powdercoat finish in black RAL 9004, grey aluminium RAL 9007 or white RAL 9016. PMMA lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

ZFT440/444: IK09.

ZFT470/474: IK08.

Recommended mounting height 3.0-6.0 m, depending on wattage selected.

The ZFT series features a comprehensive set of accessories for a wide range of applications. For example: a concealed photocell, etc.

For more details, refer to [www.we-ef.com](http://www.we-ef.com) (AUS/NZ).

Light source:

LED 9-54 W, 3000 K and 4000 K  
(for ZFT430/434/460/464,  
refer to [www.we-ef.com](http://www.we-ef.com))

Available distributions:

[C60] [S65] [R65]

For additional types of light distribution:

[C50], refer to [www.we-ef.com](http://www.we-ef.com)

[C45] [C55] on request

Accessories:

■ Mounting, page 228

■ Poles, page 350-361

WE-EF Control and Surge Protection:

■ Energy-saving options, page 238-241

■ Enhanced surge protection, page 238



Brighton Jetty, Adelaide (AUS)



[C60] [S65] [R65]

IOS® Innovative Optical System:

[C60] Controlled symmetric distribution

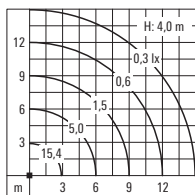
[S65] Streetlighting distribution

[R65] Rectangular 'forward throw' distribution

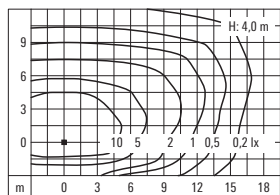
[C60]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
ZFT440	LED-FT 12W/350 mA	115-1341	1970	0.48	115-1342	2050	0.50	5.5
ZFT440	LED-FT 24W/700mA	115-1243	3930	0.96	115-1244	4100	1.00	5.5
ZFT470	LED-FT 24W/700 mA	115-1353	3930	0.96	115-1354	4100	1.00	7.2
ZFT470	LED-FT 37W/1050 mA	115-1355	5890	1.44	115-1356	6140	1.50	7.2

[S65]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
ZFT444	9 LED 9W/350 mA	115-1369	1211	0.55	115-1370	1211	0.55	5.6
ZFT444	9 LED 18W/700 mA	115-1371	2213	1.00	115-1372	2213	1.00	5.6
ZFT474	18 LED 36W/700 mA	115-1359	4427	2.00	115-1360	4427	2.00	7.3
ZFT474	18 LED 54W/1050 mA	115-1314	7020	3.17	115-1315	8100	3.66	7.3

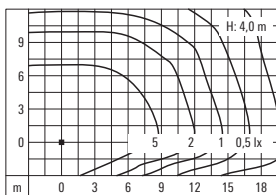
[R65]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
ZFT444	9 LED 9W/350 mA	115-1365	1211	0.55	115-1366	1211	0.55	5.6
ZFT444	9 LED 18W/700 mA	115-1367	2213	1.00	115-1368	2213	1.00	5.6
ZFT474	18 LED 36W/700 mA	115-1357	4427	2.00	115-1358	4427	2.00	7.3
ZFT474	18 LED 54W/1050 mA	115-1312	7020	3.17	115-1313	8100	3.66	7.3



[C60]



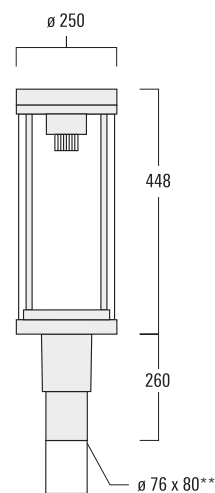
[S65]



[R65]



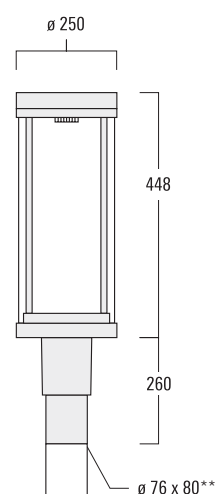
ZFT440



ZFT470



ZFT444



ZFT474



\* Multiplier for isolux values.

\*\* Optional fixing dimensions ø 60 x 80 mm, on request.

## ZA600 SERIES

**[Factory-sealed]** Pole mounted luminaire. IP55. IK10. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, grey aluminium RAL 9007 or white RAL 9016. Polycarbonate lens. Silicone rubber gaskets. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control.

Light source:  
LED 17-24 W, 3000 K and 4000 K

Available distribution:  
[C60]

Accessories:  
■ Mounting, page 228  
■ Poles, page 350-361



Endeavour Bridge Whitianga, Sydney (AUS).

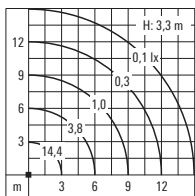




[C60]

IOS® Innovative Optical System:  
[C60] Controlled symmetric distribution

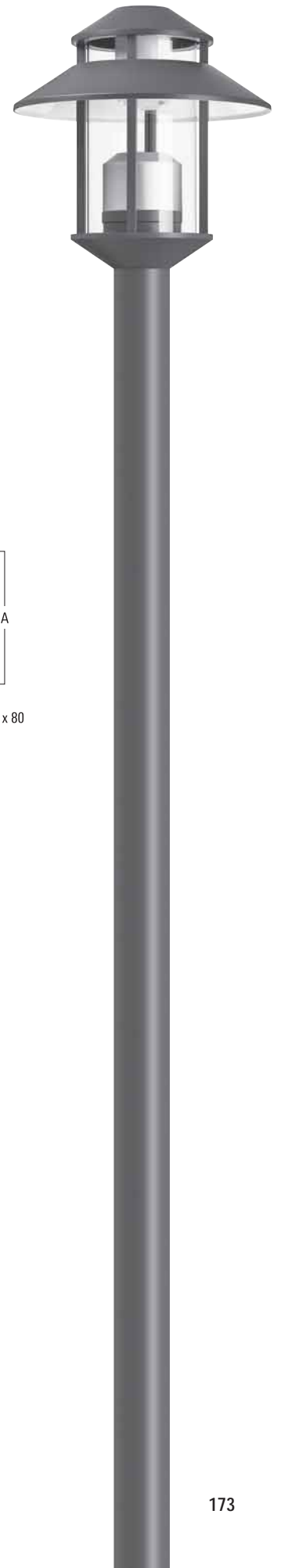
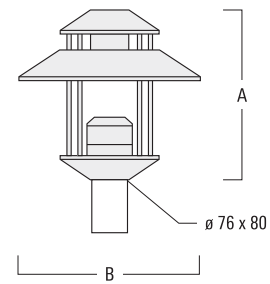
[C60]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
ZA630	LED FT 17W/500 mA	159-0298	2890	0.96	159-0299	3010	1.00	7.7
ZA630	LED FT 24W/700 mA	159-0306	3930	1.31	159-0307	4100	1.36	7.7
ZA640	LED FT 17W/500 mA	159-0302	2890	0.96	159-0303	3010	1.00	9.1
ZA640	LED FT 24W/700 mA	159-0308	3930	1.31	159-0309	4100	1.36	9.1



[C60]

Product Dimensions:

ZA series	A	B
ZA630	470	ø 460
ZA640	550	ø 580



\* Multiplier for isolux values.

## RMT300 SERIES

**[Factory-sealed]** Pole mounted luminaire. IP66. IK09. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, grey aluminium RAL 9007 or white RAL 9016. RFC™ Reflection Free Contour main lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Maximum spacing for pathway and streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.

The two-sided light output versions are available with one or two circuits. Two circuits allow separate switching.

Light source:

LED 12-104 W, 3000 K and 4000 K  
(2700 K on request)

Available distributions:

[P65] [S65] [S70]

For additional types of light distribution:

[R65], refer to [www.we-ef.com](http://www.we-ef.com).

Accessories:

■ Poles, page 350-361

WE-EF Control and Surge Protection:

■ Energy-saving options, page 238-241

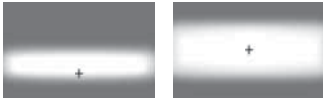
■ Enhanced surge protection, page 238



**R2C**



Bondi beach, Sydney (AUS).

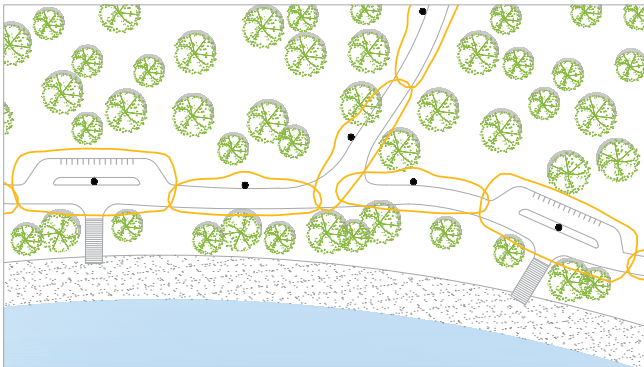


[P65] One-sided

[P65] Two-sided

IOS® Innovative Optical System:

[P65] Pedestrian/bicycle lane distribution

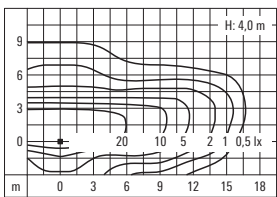


[P65] Pedestrian/bicycle lane distribution for nature reserve.

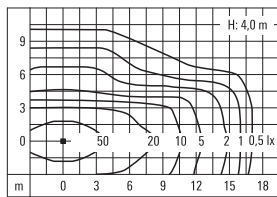
[P65] One-sided		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RMT320	12 LED 12W/350 mA	105-7008	1614	0.55	105-7024	1614	0.55	8.0
RMT320	12 LED 24W/700 mA	105-7009	2951	1.00	105-7025	2951	1.00	8.0
RMT320	12 LED 36W/1050 mA	105-7016	4680	1.59	105-7032	5400	1.83	8.0
RMT320	12 LED 52W/1400 mA	105-7017	5986	2.03	105-7033	6907	2.34	8.0

[P65] Two-sided – One circuit		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RMT320	24 LED 24W/350 mA	105-7012	3228	1.00	105-7028	3228	1.00	8.0
RMT320	24 LED 48W/700 mA	105-7013	5903	1.83	105-7029	5903	1.83	8.0
RMT320	24 LED 72W/1050 mA	105-7018	9360	2.90	105-7034	10800	3.35	8.0
RMT320	24 LED 104W/1400 mA	105-7019	11971	3.71	105-7035	13813	4.28	8.0

[P65] Two-sided – Two circuits		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RMT320	2 x 12 LED 24W/350 mA	105-7014	3228	1.00	105-7030	3228	1.00	8.0
RMT320	2 x 12 LED 48W/700 mA	105-7015	5903	1.83	105-7031	5903	1.83	8.0
RMT320	2 x 12 LED 72W/1050 mA	105-7020	9360	2.90	105-7036	10800	3.35	8.0



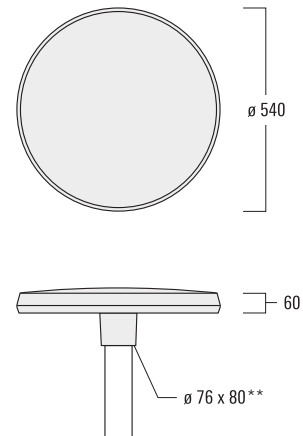
[P65] One-sided



[P65] Two-sided

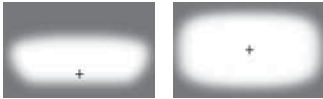
Control:

R2C for RMT320 at 350-700 mA 430-0019



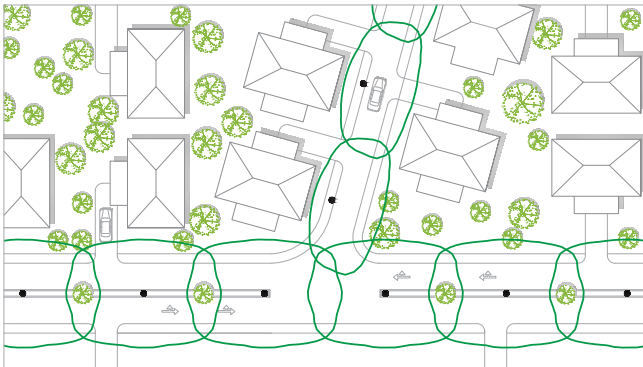
\* Multiplier for isolux values.

\*\* Optional fixing dimensions  $\varnothing 60 \times 80$  mm, on request.



[S65] One-sided [S65] Two-sided

IOS® Innovative Optical System:  
[S65] Streetlighting distribution

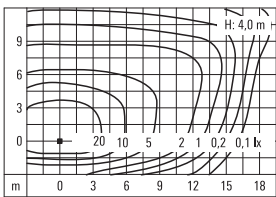
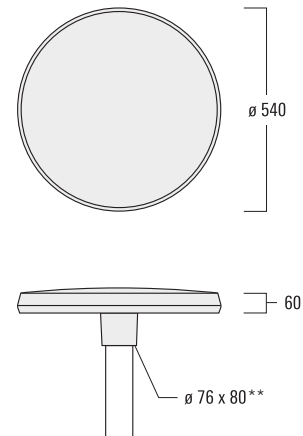


[S65] Streetlighting distribution  
for residential areas.

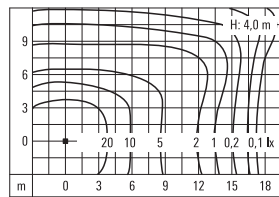
[S65] One-sided		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RMT320	12 LED 12W/350 mA	105-9872	1614	0.55	105-9882	1614	0.55	8.0
RMT320	12 LED 24W/700 mA	105-9873	2951	1.00	105-9883	2951	1.00	8.0
RMT320	12 LED 36W/1050 mA	105-9930	4680	1.59	105-9936	5400	1.83	8.0
RMT320	12 LED 52W/1400 mA	105-9931	5986	2.03	105-9937	6907	2.34	8.0

[S65] Two-sided – One circuit		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RMT320	24 LED 24W/350 mA	105-9876	3228	1.00	105-9886	3228	1.00	8.0
RMT320	24 LED 48W/700 mA	105-9877	5903	1.83	105-9887	5903	1.83	8.0
RMT320	24 LED 72W/1050 mA	105-9932	9360	2.90	105-9938	10800	3.35	8.0
RMT320	24 LED 104W/1400 mA	105-9933	11971	3.71	105-9939	13813	4.28	8.0

[S65] Two-sided – Two circuits		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RMT320	2 x 12 LED 24W/350 mA	105-9878	3228	1.00	105-9888	3228	1.00	8.0
RMT320	2 x 12 LED 48W/700 mA	105-9879	5903	1.83	105-9889	5903	1.83	8.0
RMT320	2 x 12 LED 72W/1050 mA	105-9934	9360	2.90	105-9940	10800	3.35	8.0



[S65] One-sided



[S65] Two-sided

Control:

R2C for RMT320 at 350-700 mA 430-0019

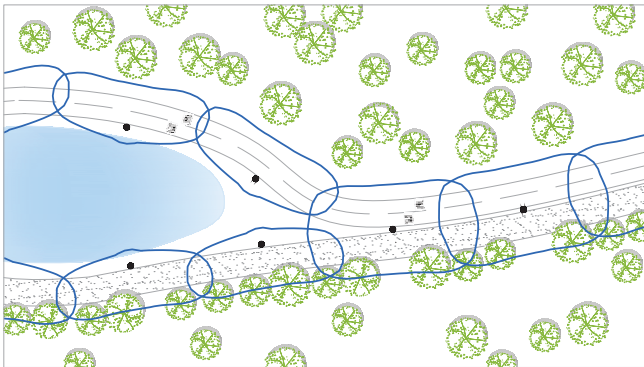
\* Multiplier for isolux values.

\*\* Optional fixing dimensions 60 x 80 mm, on request.



[S70] One-sided [S70] Two-sided

IOS® Innovative Optical System:  
[S70] Streetlighting distribution

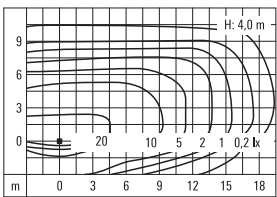


[S70] Streetlighting distribution for public parks.

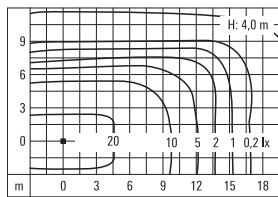
[S70] One-sided		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RMT320	12 LED 12W/350 mA	105-9892	1614	0.55	105-9902	1614	0.55	8.0
RMT320	12 LED 24W/700 mA	105-9893	2951	1.00	105-9903	2951	1.00	8.0
RMT320	12 LED 36W/1050 mA	105-9942	4680	1.59	105-7000	5400	1.83	8.0
RMT320	12 LED 52W/1400 mA	105-9943	5986	2.03	105-7001	6907	2.34	8.0

[S70] Two-sided – One circuit		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RMT320	24 LED 24W/350 mA	105-9896	3228	1.00	105-9906	3228	1.00	8.0
RMT320	24 LED 48W/700 mA	105-9897	5903	1.83	105-9907	5903	1.83	8.0
RMT320	24 LED 72W/1050 mA	105-9944	9360	2.90	105-7002	10800	3.35	8.0
RMT320	24 LED 104W/1400 mA	105-9945	11971	3.71	105-7003	13813	4.28	8.0

[S70] Two-sided – Two circuits		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RMT320	2 x 12 LED 24W/350 mA	105-9898	3228	1.00	105-9908	3228	1.00	8.0
RMT320	2 x 12 LED 48W/700 mA	105-9899	5903	1.83	105-9909	5903	1.83	8.0
RMT320	2 x 12 LED 72W/1050 mA	105-9946	9360	2.90	105-7004	10800	3.35	8.0



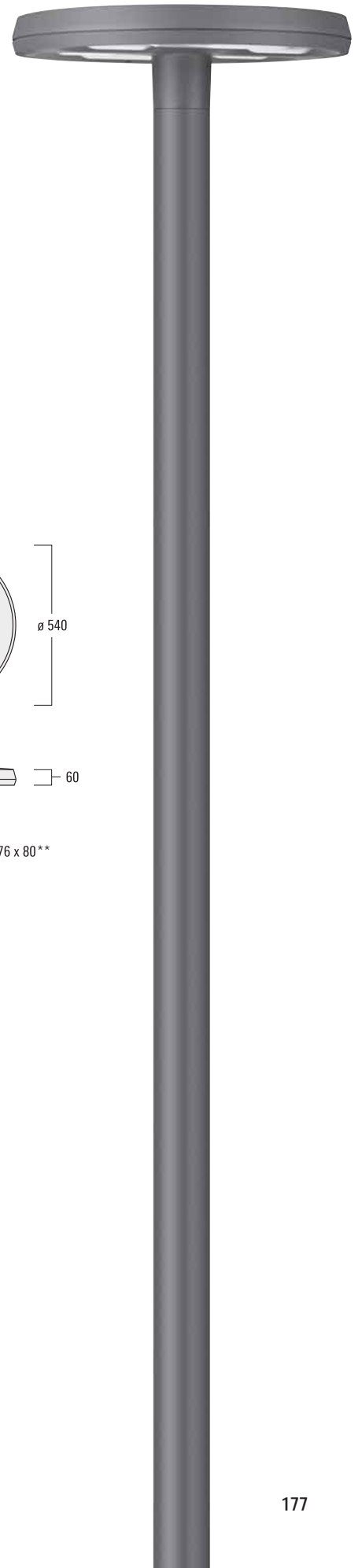
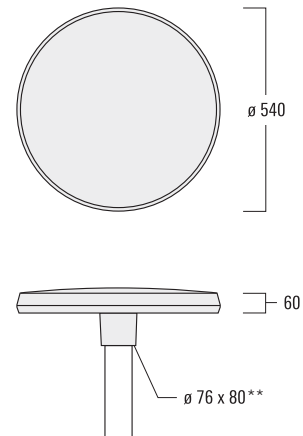
[S70] One-sided



[S70] Two-sided

Control:

R2C for RMT320 at 350-700 mA 430-0019



\* Multiplier for isolux values.

\*\* Optional fixing dimensions 60 x 80 mm, on request.

## RMM300 SERIES

[Factory-sealed] Pole mounted luminaire. IP66. IK09. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, grey aluminium RAL 9007 or white RAL 9016. RFC™ Reflection Free Contour main lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Maximum spacing for pathway and streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.

Light source:  
LED 24-104 W, 3000 K and 4000 K

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

Accessories:  
■ Poles, page 350-361

WE-EF Control and Surge Protection:  
■ Energy-saving options, page 238-241  
■ Enhanced surge protection, page 238



R2C



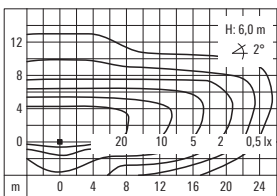
Haselünne (D).



[P65]

IOS® Innovative Optical System:  
 [P65] Pedestrian/bicycle lane distribution

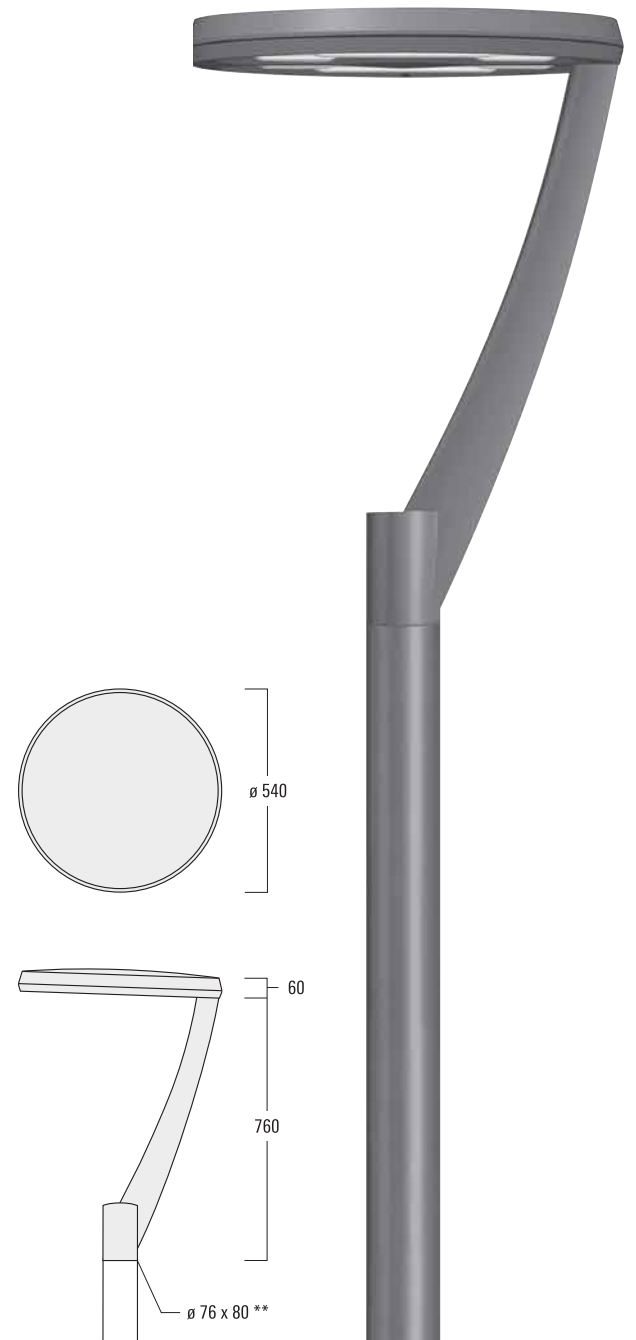
[P65]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RMM320	24 LED 24W/350 mA	105-9975	3228	0.55	105-9979	3228	0.55	10.0
RMM320	24 LED 48W/700 mA	105-9976	5903	1.00	105-9980	5903	1.00	10.0
RMM320	24 LED 72W/1050 mA	105-9977	9360	1.59	105-9981	10800	1.83	10.0
RMM320	24 LED 104W/1400 mA	105-9978	11971	2.03	105-9982	13813	2.34	10.0



[P65]

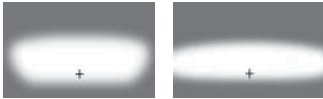
**Control:**

R2C	for RMM320 at 350 mA	430-0019
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\* Multiplier for isolux values.

\*\* Optional fixing dimensions 60 x 80 mm, on request.



[S65]

[S70]

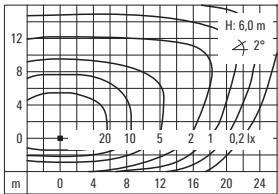
IOS® Innovative Optical System:

[S65] Streetlighting distribution

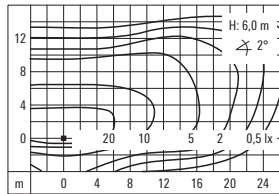
[S70] Streetlighting distribution

[S65]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RMM320	24 LED 24W/350 mA	105-9950	3228	0.55	105-9952	3228	0.55	10.0
RMM320	24 LED 48W/700 mA	105-9951	5903	1.00	105-9953	5903	1.00	10.0
RMM320	24 LED 72W/1050 mA	105-9965	9360	1.59	105-9969	10800	1.83	10.0
RMM320	24 LED 104W/1400 mA	105-9966	11971	2.03	105-9970	13813	2.34	10.0

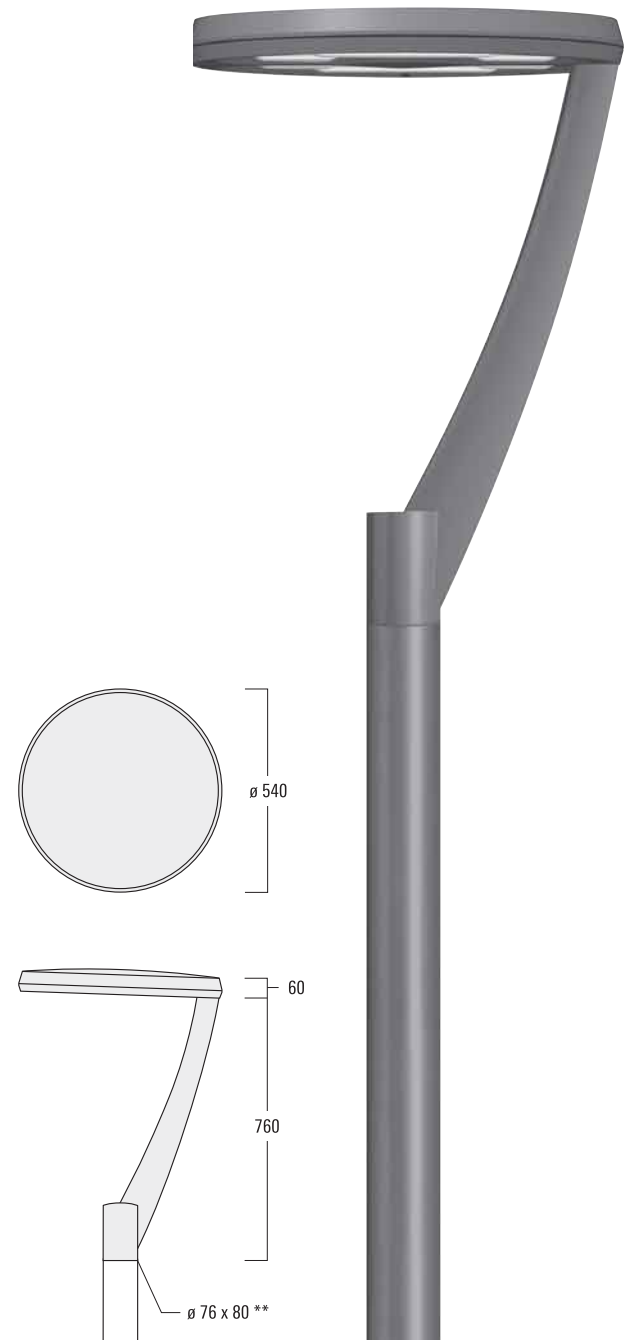
[S70]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RMM320	24 LED 24W/350 mA	105-9954	3228	0.55	105-9956	3228	0.55	10.0
RMM320	24 LED 48W/700 mA	105-9955	5903	1.00	105-9957	5903	1.00	10.0
RMM320	24 LED 72W/1050 mA	105-9971	9360	1.59	105-9973	10800	1.83	10.0
RMM320	24 LED 104W/1400 mA	105-9972	11971	2.03	105-9974	13813	2.34	10.0



[S65]



[S70]



Control:

R2C for RMM320 at 350 mA 430-0019

\* Multiplier for isolux values.

\*\* Optional fixing dimensions 60 x 80 mm, on request.

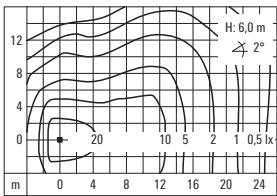




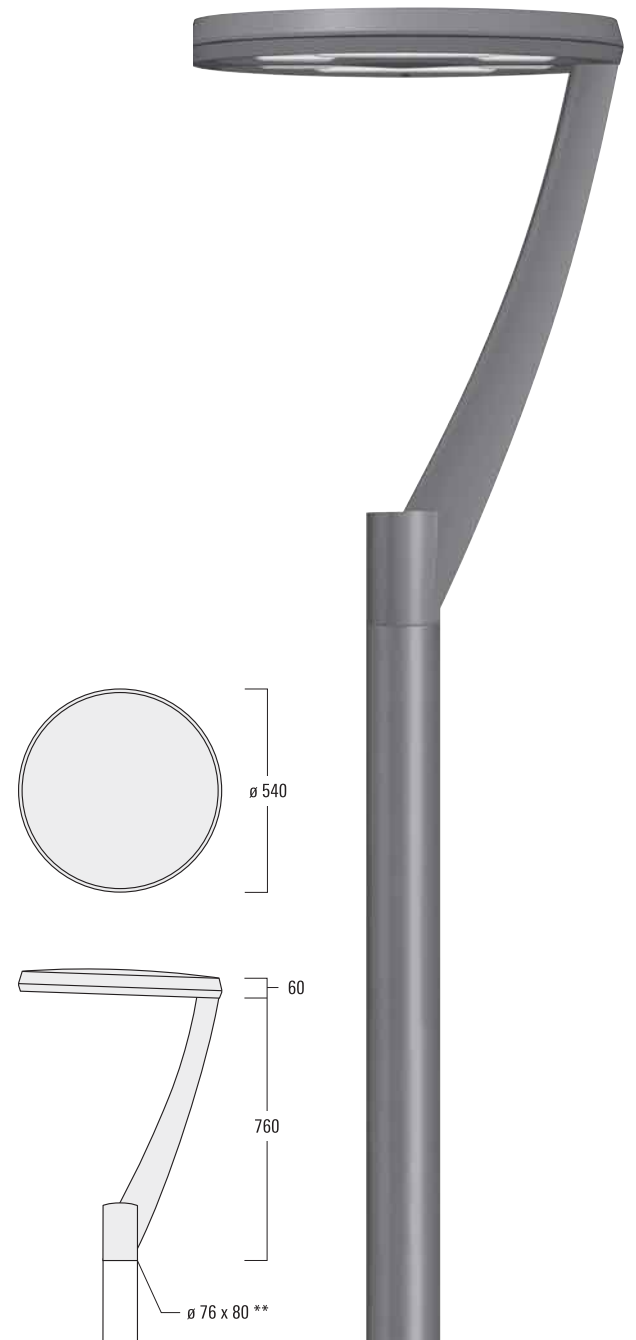
[A60]

IOS® Innovative Optical System:  
 [A60] Asymmetric 'forward throw' distribution

[A60]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RMM320	24 LED 24W/350 mA	105-9958	3228	0.55	105-9960	3228	0.55	10.0
RMM320	24 LED 48W/700 mA	105-9959	5903	1.00	105-9961	5903	1.00	10.0
RMM320	24 LED 72W/1050 mA	105-9983	9360	1.59	105-9985	10800	1.83	10.0
RMM320	24 LED 104W/1400 mA	105-9984	11971	2.03	105-9986	13813	2.34	10.0



[A60]



**Control:**

R2C	for RMM320 at 350 mA	430-0019
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\* Multiplier for isolux values.

\*\* Optional fixing dimensions 60 x 80 mm, on request.

## CFT500 SERIES

**[Factory-sealed]** Pole mounted luminaire. IP66. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, grey aluminium RAL 9007 or white RAL 9016. RFC™ Reflection Free Contour main lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Light source:  
LED 24-108 W, 3000 K and 4000 K

Available distributions:  
[C50] [R]

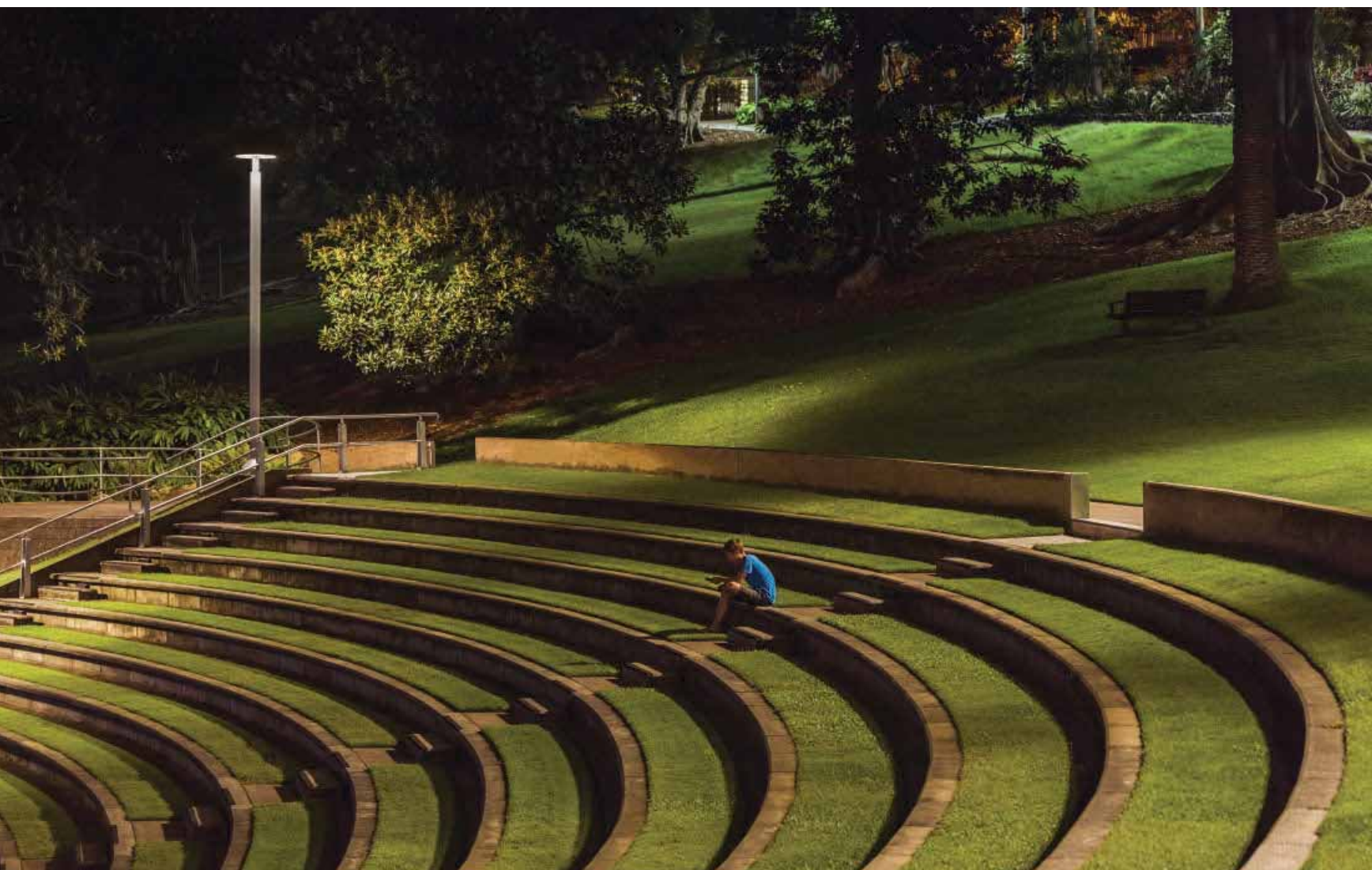
For catenary mounted CFS500 series,  
refer to [www.we-ef.com](http://www.we-ef.com)

Accessories:  
■ Poles, page 350-361

WE-EF Control and Surge Protection:  
■ Energy-saving options, page 238-241  
■ Enhanced surge protection, page 238



**R2C**



Roma Street Parklands. Brisbane (AUS).



[C50]

[R]

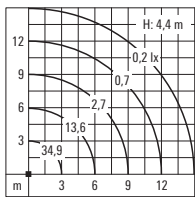
IOS® Innovative Optical System:

[C50] Symmetric distribution, medium

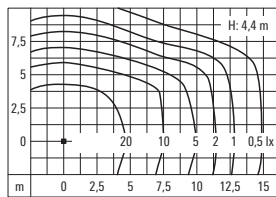
[R] Rectangular distribution

[C50]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
CFT530	24 LED 24W/350 mA	105-0092	3228	0.67	105-0093	3228	0.67	9.8
CFT540	36 LED 36W/350 mA	105-0076	4842	1.00	105-0077	4842	1.00	13.3
CFT540	36 LED 72W/700 mA	105-0078	8854	1.83	105-0079	8854	1.83	13.3
CFT540	36 LED 108W/1050 mA	105-0080	14040	2.90	105-0081	16200	3.35	13.3

[R]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
CFT530	24 LED 24W/350 mA	105-0094	3228	0.67	105-0095	3228	0.67	9.8
CFT540	36 LED 36W/350 mA	105-0082	4842	1.00	105-0083	4842	1.00	13.3
CFT540	36 LED 72W/700 mA	105-0084	8854	1.83	105-0085	8854	1.83	13.3
CFT540	36 LED 108W/1050 mA	105-0086	14040	2.90	105-0087	16200	3.35	13.3



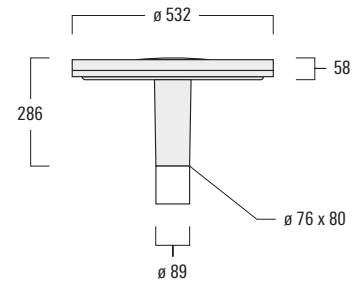
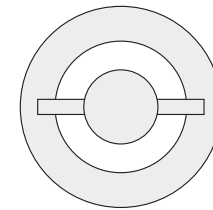
[C50]



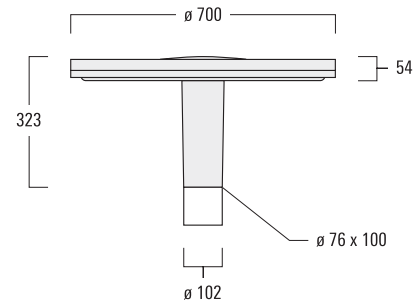
[R]

Control:

R2C for CFT530/540 at 350-700 mA 430-0019



CFT530



CFT540

\* Multiplier for isolux values.

## RMC300 SERIES

[Factory-sealed] Pole mounted luminaire. IP66. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, grey aluminium RAL 9007 or white RAL 9016. RFC™ Reflection Free Contour main lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.

Light source:  
LED 18-78 W, 3000 K and 4000 K

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

For additional types of light distribution:  
[P65], refer to [www.we-ef.com](http://www.we-ef.com)

Accessories:

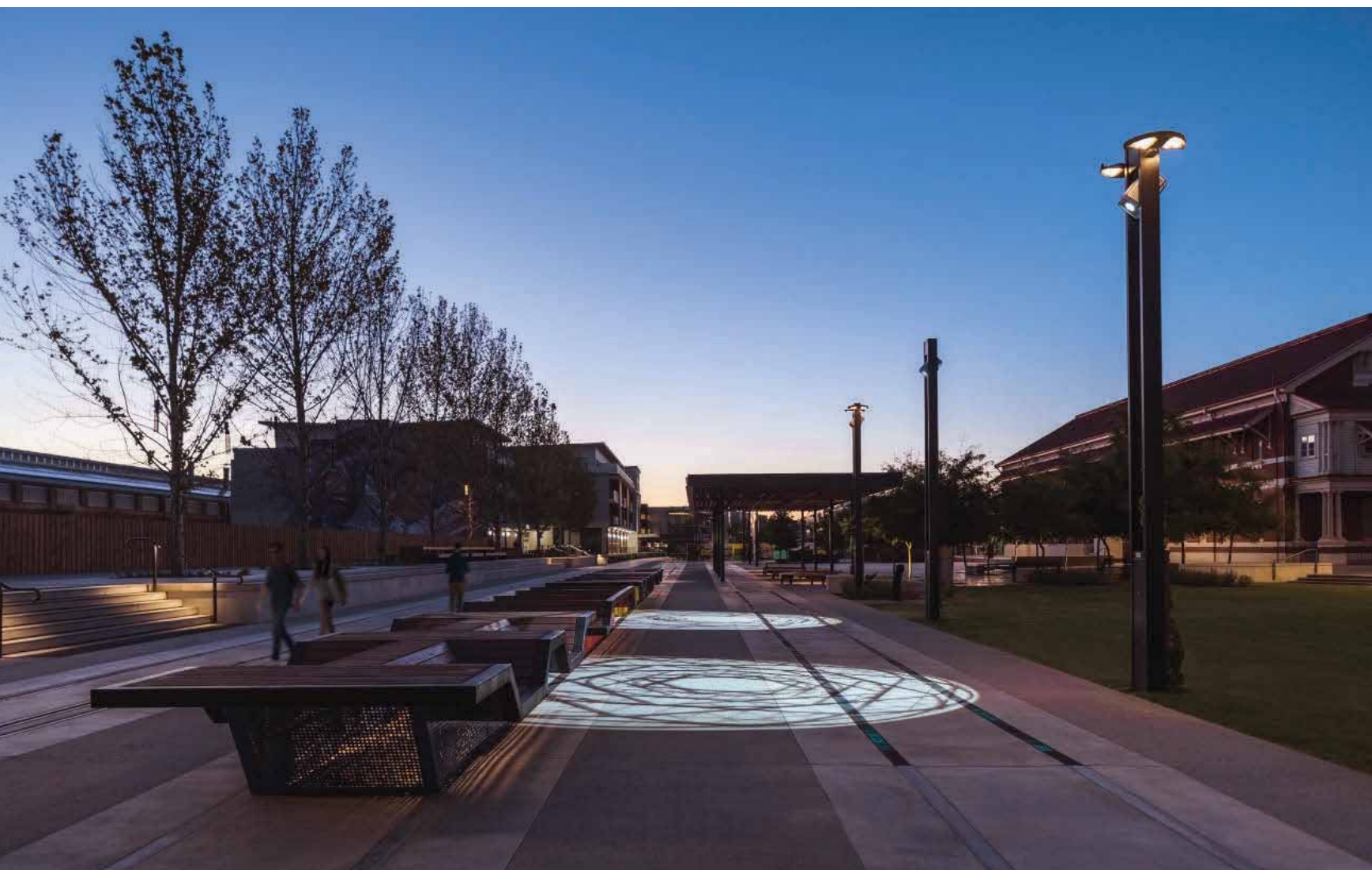
- Mounting, page 187
- Control, page 187
- Poles, page 350-361

WE-EF Control and Surge Protection:

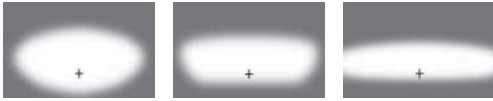
- Energy-saving options, page 238-241
- Enhanced surge protection, page 238



R2C



Midland Railway Square. Perth (AUS).



[S60] [S65] [S70]

IOS® Innovative Optical System:

[S60] Streetlighting distribution

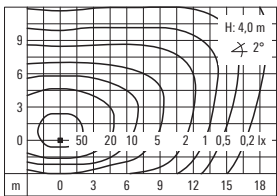
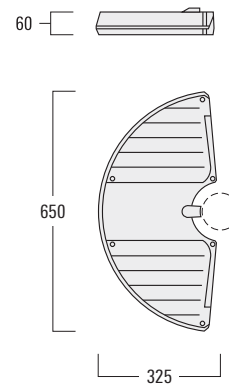
[S65] Streetlighting distribution

[S70] Streetlighting distribution

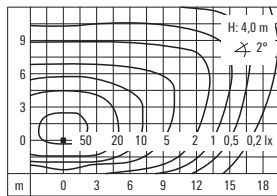
[S60]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RMC320	18 LED 18W/350 mA	105-9771	2421	0.55	105-9775	2421	0.55	7.5
RMC320	18 LED 36W/700 mA	105-9772	4427	1.00	105-9776	4427	1.00	7.5
RMC320	18 LED 54W/1050 mA	105-9773	7020	1.59	105-9777	8100	1.83	7.5
RMC320	18 LED 78W/1400 mA	105-9774	8979	2.03	105-9778	10360	2.34	7.5

[S65]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RMC320	18 LED 18W/350 mA	105-9786	2421	0.55	105-9790	2421	0.55	7.5
RMC320	18 LED 36W/700 mA	105-9787	4427	1.00	105-9791	4427	1.00	7.5
RMC320	18 LED 54W/1050 mA	105-9788	7020	1.59	105-9792	8100	1.83	7.5
RMC320	18 LED 78W/1400 mA	105-9789	8979	2.03	105-9793	10360	2.34	7.5

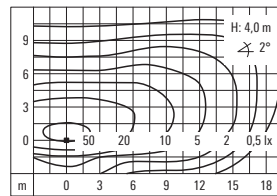
[S70]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RMC320	18 LED 18W/350 mA	105-9801	2421	0.55	105-9805	2421	0.55	7.5
RMC320	18 LED 36W/700 mA	105-9802	4427	1.00	105-9806	4427	1.00	7.5
RMC320	18 LED 54W/1050 mA	105-9803	7020	1.59	105-9807	8100	1.83	7.5
RMC320	18 LED 78W/1400 mA	105-9804	8979	2.03	105-9812	10360	2.34	7.5



[S60]



[S65]



[S70]

\* Multiplier for isolux values.



[A60]

[R65]

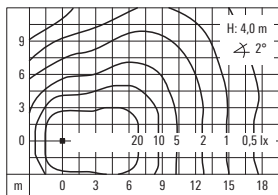
IOS® Innovative Optical System:

[A60] Asymmetric 'forward throw' distribution

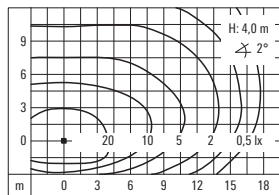
[R65] Rectangular 'forward throw' distribution

[A60]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RMC320	18 LED 18W/350 mA	105-9816	2421	0.55	105-9820	2421	0.55	7.5
RMC320	18 LED 36W/700 mA	105-9817	4427	1.00	105-9821	4427	1.00	7.5
RMC320	18 LED 54W/1050 mA	105-9818	7020	1.59	105-9822	8100	1.83	7.5
RMC320	18 LED 78W/1400 mA	105-9819	8979	2.03	105-9823	10360	2.34	7.5

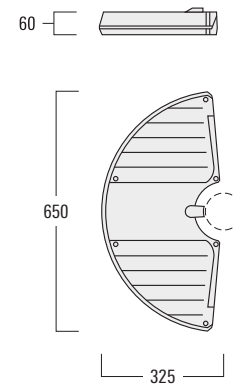
[R65]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RMC320	18 LED 18W/350 mA	105-9831	2421	0.55	105-9835	2421	0.55	7.5
RMC320	18 LED 36W/700 mA	105-9832	4427	1.00	105-9836	4427	1.00	7.5
RMC320	18 LED 54W/1050 mA	105-9833	7020	1.59	105-9837	8100	1.83	7.5
RMC320	18 LED 78W/1400 mA	105-9834	8979	2.03	105-9838	10360	2.34	7.5



[A60]



[R65]



## MOUNTING ACCESSORIES – RMC300 SERIES

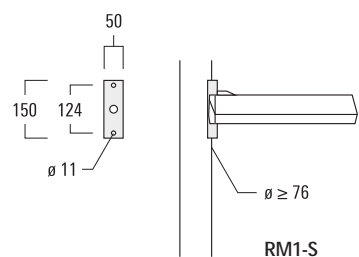
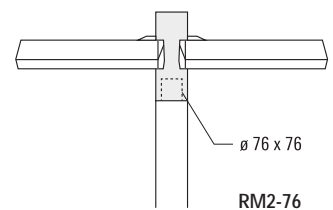
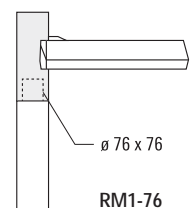
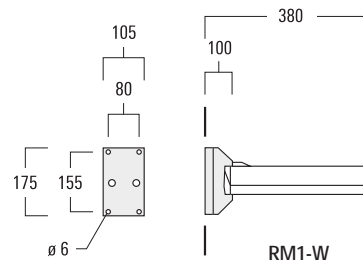
All mounting accessories are made from marine-grade aluminium alloy unless otherwise noted. 5CE superior corrosion protection including PCS hardware. Powdercoat finish to match luminaire. Factory fitted for fast and easy on-site installation.

<b>Wall bracket</b>			kg
RM1-W	for RMC320	105-9846	1.3

<b>Single bracket</b>			kg
RM1-76*	for RMC320	105-9847	1.0
RM1-76**	for RMC320	105-9849	1.2

<b>Double bracket</b>			kg
RM2-76*	for RMC320	105-9848	1.0
RM2-76**	for RMC320	105-9850	1.3

<b>Short bracket – Galvanised steel. For lateral mounting on a pole.</b>			kg
RM1-S	for RMC320	105-9845	0.6



### Control:

R2C	for RMC320 at 350 mA	430-0019
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\* For mounting on AMW-C series wooden poles, page 334.

\*\* For mounting on AMF-C series steel poles, page 336.

## RFL500-SE SERIES

**[Factory-sealed]** Pole mounted luminaire. IP66. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, grey aluminium RAL 9007 or white RAL 9016. Non-reflecting safety glass lens, hinged. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.

Light source:  
LED 12-144 W, 3000 K and 4000 K

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

For additional types of light distribution:  
[P65], refer to [www.we-ef.com](http://www.we-ef.com)

Accessories:

- Mounting, page 193
- Control, page 193
- Poles, page 350-361

WE-EF Control and Surge Protection:

- Energy-saving options, page 238-241
- Enhanced surge protection, page 238

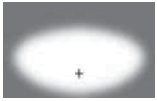


**R2C**



Franklin Square (AUS).



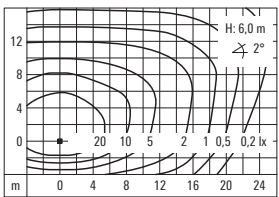


[S60]

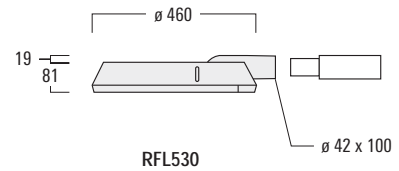
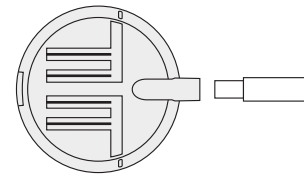
IOS® Innovative Optical System:  
[S60] Streetlighting distribution



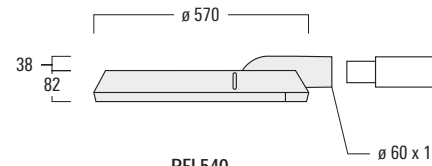
[S60]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RFL530-SE	12 LED 12W/350 mA	111-0447	1614	0.27	111-0406	1614	0.27	9.3
RFL530-SE	12 LED 24W/700 mA	111-0192	2951	0.50	111-0337	2951	0.50	9.3
RFL530-SE	24 LED 24W/350 mA	111-0449	3228	0.55	111-0407	3228	0.55	9.3
RFL530-SE	24 LED 48W/700 mA	111-0193	5903	1.00	111-0339	5903	1.00	9.3
RFL530-SE	24 LED 72W/1050 mA	111-0914	9360	1.59	111-0915	10800	1.83	9.3
RFL540-SE	36 LED 36W/350 mA	111-0475	4842	0.82	111-0420	4842	0.82	15.0
RFL540-SE	36 LED 72W/700 mA	111-0190	8854	1.50	111-0341	8854	1.50	15.0
RFL540-SE	36 LED 108W/1050 mA	111-0924	14040	2.38	111-0925	16200	2.74	15.0
RFL540-SE	48 LED 48W/350 mA	111-0477	6456	1.09	111-0421	6456	1.09	15.0
RFL540-SE	48 LED 96W/700 mA	111-0188	11805	2.00	111-0343	11805	2.00	15.0
RFL540-SE	48 LED 144W/1050 mA	111-0934	18720	3.17	111-0935	21600	3.66	15.0



[S60]

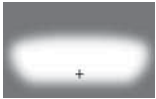


RFL530



RFL540

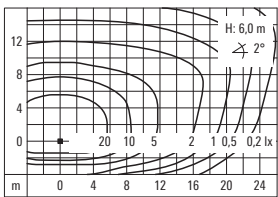
\* Multiplier for isolux values.



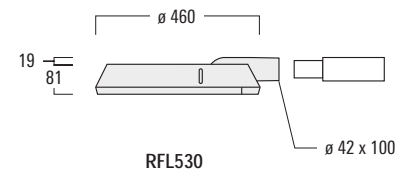
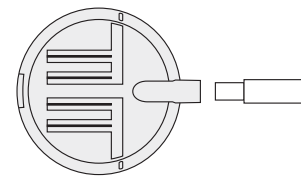
[S65]

IOS® Innovative Optical System:  
[S65] Streetlighting distribution

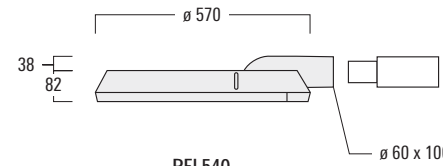
[S65]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RFL530-SE	12 LED 12W/350 mA	111-0459	1614	0.27	111-0408	1614	0.27	9.3
RFL530-SE	12 LED 24W/700 mA	111-0461	2951	0.50	111-0409	2951	0.50	9.3
RFL530-SE	24 LED 24W/350 mA	111-0463	3228	0.55	111-0410	3228	0.55	9.3
RFL530-SE	24 LED 48W/700 mA	111-0465	5903	1.00	111-0411	5903	1.00	9.3
RFL530-SE	24 LED 72W/1050 mA	111-0916	9360	1.59	111-0917	10800	1.83	9.3
RFL540-SE	36 LED 36W/350 mA	111-0479	4842	0.82	111-0422	4842	0.82	15.0
RFL540-SE	36 LED 72W/700 mA	111-0481	8854	1.50	111-0423	8854	1.50	15.0
RFL540-SE	36 LED 108W/1050 mA	111-0926	14040	2.38	111-0927	16200	2.74	15.0
RFL540-SE	48 LED 48W/350 mA	111-0483	6456	1.09	111-0424	6456	1.09	15.0
RFL540-SE	48 LED 96W/700 mA	111-0485	11805	2.00	111-0425	11805	2.00	15.0
RFL540-SE	48 LED 144W/1050 mA	111-0936	18720	3.17	111-0937	21600	3.66	15.0



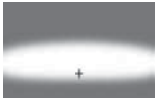
[S65]



RFL530

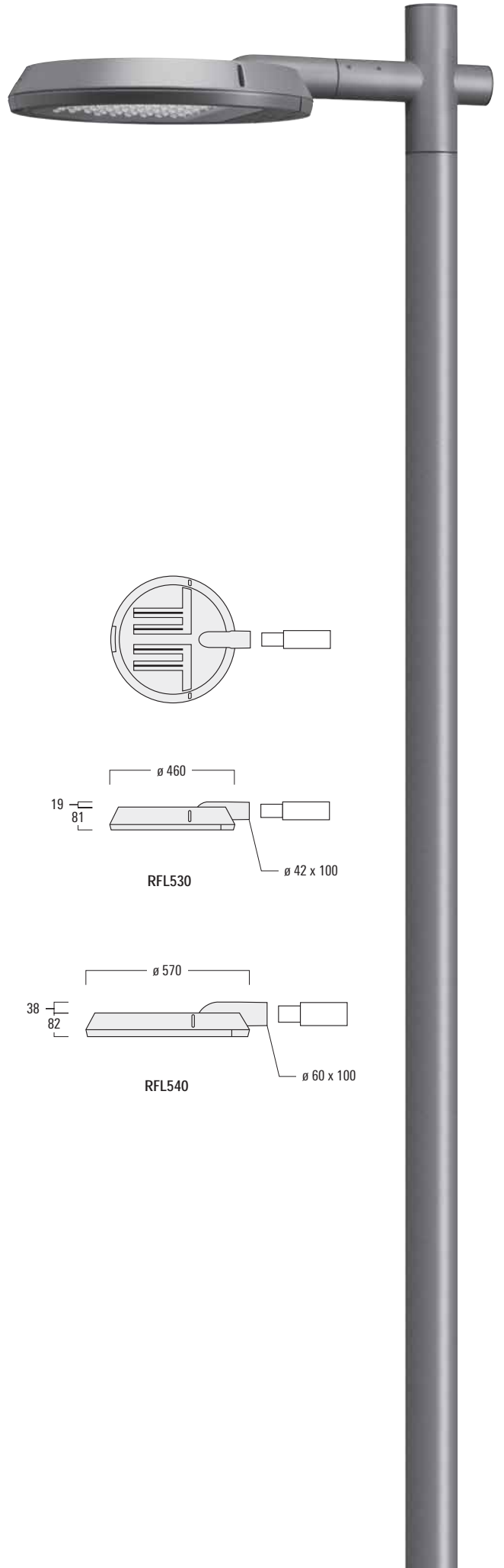


RFL540

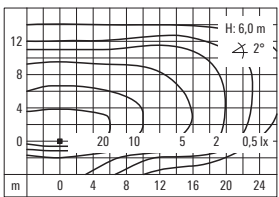


[S70]

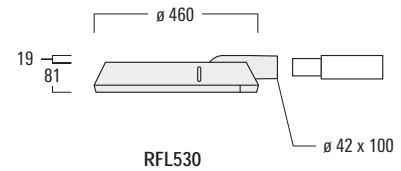
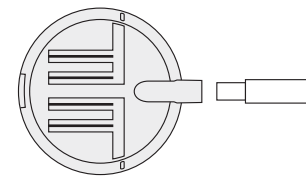
IOS® Innovative Optical System:  
[S70] Streetlighting distribution



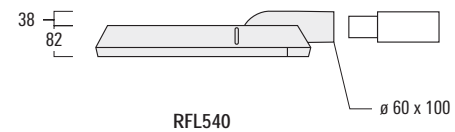
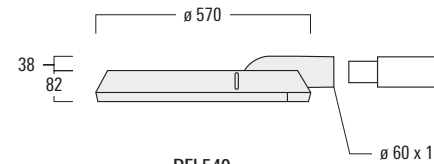
[S70]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RFL530-SE	12 LED 12W/350 mA	111-0451	1614	0.27	111-0412	1614	0.27	9.3
RFL530-SE	12 LED 24W/700 mA	111-0230	2951	0.50	111-0345	2951	0.50	9.3
RFL530-SE	24 LED 24W/350 mA	111-0453	3228	0.55	111-0413	3228	0.55	9.3
RFL530-SE	24 LED 48W/700 mA	111-0234	5903	1.00	111-0347	5903	1.00	9.3
RFL530-SE	24 LED 72W/1050 mA	111-0918	9360	1.59	111-0919	10800	1.83	9.3
RFL540-SE	36 LED 36W/350 mA	111-0487	4842	0.82	111-0426	4842	0.82	15.0
RFL540-SE	36 LED 72W/700 mA	111-0228	8854	1.50	111-0349	8854	1.50	15.0
RFL540-SE	36 LED 108W/1050 mA	111-0928	14040	2.38	111-0929	16200	2.74	15.0
RFL540-SE	48 LED 48W/350 mA	111-0489	6456	1.09	111-0427	6456	1.09	15.0
RFL540-SE	48 LED 96W/700 mA	111-0218	11805	2.00	111-0351	11805	2.00	15.0
RFL540-SE	48 LED 144W/1050 mA	111-0938	18720	3.17	111-0939	21600	3.66	15.0



[S70]

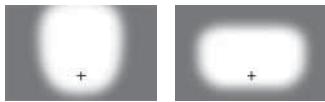


RFL530



RFL540

\* Multiplier for isolux values.



[A60]

[R65]

IOS® Innovative Optical System:

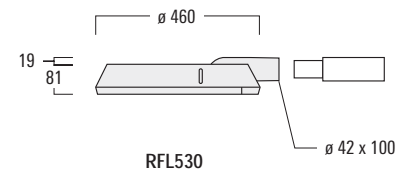
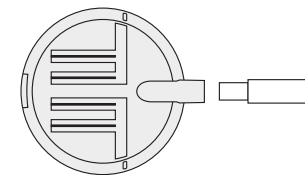
[A60] Asymmetric 'forward throw' distribution

[R65] Rectangular 'forward throw' distribution

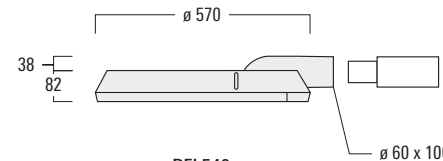


[A60]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RFL530-SE	12 LED 12W/350 mA	111-0455	1614	0.27	111-0414	1614	0.27	9.3
RFL530-SE	12 LED 24W/700 mA	111-0275	2951	0.50	111-0353	2951	0.50	9.3
RFL530-SE	24 LED 24W/350 mA	111-0457	3228	0.55	111-0415	3228	0.55	9.3
RFL530-SE	24 LED 48W/700 mA	111-0277	5903	1.00	111-0355	5903	1.00	9.3
RFL530-SE	24 LED 72W/1050 mA	111-0908	9360	1.59	111-0909	10800	1.83	9.3
RFL540-SE	36 LED 36W/350 mA	111-0491	4842	0.82	111-0428	4842	0.82	15.0
RFL540-SE	36 LED 72W/700 mA	111-0283	8854	1.50	111-0357	8854	1.50	15.0
RFL540-SE	36 LED 108W/1050 mA	111-0920	14040	2.38	111-0921	16200	2.74	15.0
RFL540-SE	48 LED 48W/350 mA	111-0493	6456	1.09	111-0429	6456	1.09	15.0
RFL540-SE	48 LED 96W/700 mA	111-0285	11805	2.00	111-0359	11805	2.00	15.0
RFL540-SE	48 LED 144W/1050 mA	111-0930	18720	3.17	111-0931	21600	3.66	15.0

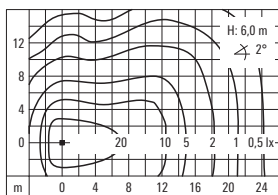
[R65]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
RFL530-SE	12 LED 12W/350 mA	111-0467	1614	0.27	111-0416	1614	0.27	9.3
RFL530-SE	12 LED 24W/700 mA	111-0469	2951	0.50	111-0417	2951	0.50	9.3
RFL530-SE	24 LED 24W/350 mA	111-0471	3228	0.55	111-0418	3228	0.55	9.3
RFL530-SE	24 LED 48W/700 mA	111-0473	5903	1.00	111-0419	5903	1.00	9.3
RFL530-SE	24 LED 72W/1050 mA	111-0912	9360	1.59	111-0913	10800	1.83	9.3
RFL540-SE	36 LED 36W/350 mA	111-0495	4842	0.82	111-0430	4842	0.82	15.0
RFL540-SE	36 LED 72W/700 mA	111-0497	8854	1.50	111-0431	8854	1.50	15.0
RFL540-SE	36 LED 108W/1050 mA	111-0922	14040	2.38	111-0923	16200	2.74	15.0
RFL540-SE	48 LED 48W/350 mA	111-0499	6456	1.09	111-0432	6456	1.09	15.0
RFL540-SE	48 LED 96W/700 mA	111-0501	11805	2.00	111-0433	11805	2.00	15.0
RFL540-SE	48 LED 144W/1050 mA	111-0932	18720	3.17	111-0933	21600	3.66	15.0



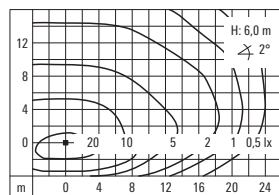
RFL530



RFL540



[A60]



[R65]

## MOUNTING ACCESSORIES – RFL500 SERIES

All mounting accessories are made from marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish to match luminaire.

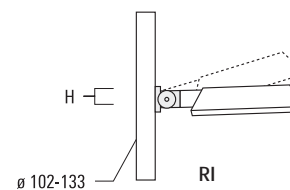
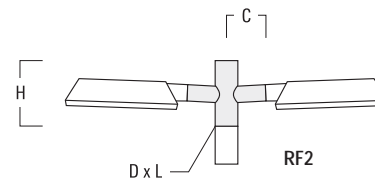
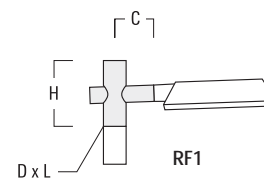
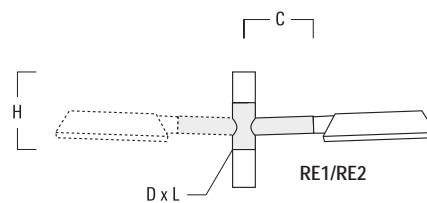
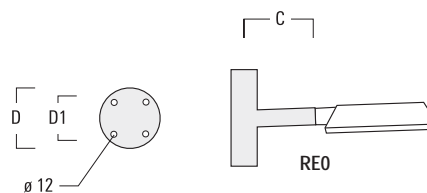
Wall bracket			D/D1	C	kg
RE0-530	for RFL530-SE	111-0052	220/140	178	2.9
RE0-540	for RFL540-SE	111-0084	220/140	235	3.0

Pole bracket			D x L	H	C	kg
RE1-530	for RFL530-SE	111-0040	ø 76 x 80	275	280	4.5
RE2-530	for RFL530-SE	111-0041	ø 76 x 80	275	280	4.8
RE1-530*	for RFL530-SE	111-9020	ø 76 x 76	400	280	4.5
RE2-530*	for RFL530-SE	111-9021	ø 76 x 76	400	280	5.0
RE1-540	for RFL540-SE	111-0042	ø 76 x 80	400	280	5.3
RE2-540	for RFL540-SE	111-0043	ø 76 x 80	400	280	5.9
RE1-540*	for RFL540-SE	111-9022	ø 76 x 76	550	320	6.1
RE2-540*	for RFL540-SE	111-9023	ø 76 x 76	550	320	7.2
RF1-530	for RFL530-SE	111-0044	ø 76 x 80	275	190	2.3
RF2-530	for RFL530-SE	111-0045	ø 76 x 80	275	190	3.0
RF1-540	for RFL540-SE	111-0046	ø 76 x 130	300	200	2.6
RF2-540	for RFL540-SE	111-0047	ø 76 x 130	300	200	3.3

Wall and pole bracket			H	kg
RI-530	for RFL530-SE	111-0178	96	1.5
RI-540	for RFL540-SE	111-0179	110	1.5

### Control:

R2C	for RFL530-SE/540-SE at 350-1050 mA	430-0019
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## RFS500 SERIES

**[Factory-sealed]** Catenary mounted luminaire. IP66. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, grey aluminium RAL 9007 or white RAL 9016. Non-reflecting safety glass lens, hinged. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Catenary stay wire inclination angle: Maximum 10°.

Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.

Light source:  
LED 12-96 W, 3000 K and 4000 K

Available distributions:  
[S60] [S65] [S70]

WE-EF Control and Surge Protection:  
■ Energy-saving options, page 238-241  
■ Enhanced surge protection, page 238



**R2C**



Gare TGV. Belfort-Montbéliard (F).



[S60] [S65] [S70]

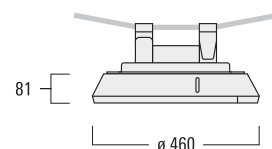
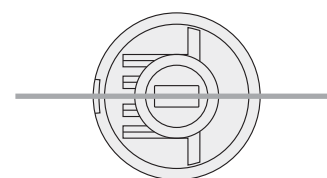
IOS® Innovative Optical System:  
[S60] Streetlighting distribution  
[S65] Streetlighting distribution  
[S70] Streetlighting distribution



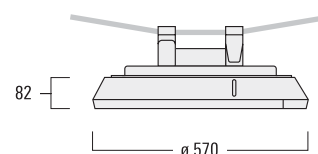
[S60]		3000 K	lm	4000 K	lm	Factor*	kg
RFS530	12 LED 12W/350 mA	111-0706	1614	111-0707	1614	0.27	11.6
RFS530	12 LED 24W/700 mA	111-0718	2951	111-0719	2951	0.50	11.6
RFS530	24 LED 24W/350 mA	111-0708	3228	111-0709	3228	0.55	11.9
RFS530	24 LED 48W/700 mA	111-0720	5903	111-0697	5903	1.00	11.9
RFS540	36 LED 72W/700 mA	111-0692	8854	111-0623	8854	1.50	14.7
RFS540	48 LED 48W/350 mA	111-0517	6456	111-0441	6456	1.09	15.0
RFS540	48 LED 96W/700 mA	111-0695	11805	111-0403	11805	2.00	15.0

[S65]		3000 K	lm	4000 K	lm	Factor*	kg
RFS530	12 LED 12W/350 mA	111-0710	1614	111-0711	1614	0.27	11.6
RFS530	12 LED 24W/700 mA	111-0721	2951	111-0722	2951	0.50	11.6
RFS530	24 LED 24W/350 mA	111-0712	3228	111-0713	3228	0.55	11.9
RFS530	24 LED 48W/700 mA	111-0723	5903	111-0724	5903	1.00	11.9
RFS540	36 LED 72W/700 mA	111-0701	8854	111-0702	8854	1.50	14.7
RFS540	48 LED 48W/350 mA	111-0641	6456	111-0443	6456	1.09	15.0
RFS540	48 LED 96W/700 mA	111-0703	11805	111-0704	11805	2.00	15.0

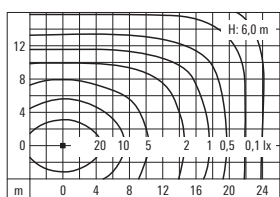
[S70]		3000 K	lm	4000 K	lm	Factor*	kg
RFS530	12 LED 12W/350 mA	111-0714	1614	111-0715	1614	0.27	11.6
RFS530	12 LED 24W/700 mA	111-0725	2951	111-0726	2951	0.50	11.6
RFS530	24 LED 24W/350 mA	111-0716	3228	111-0717	3228	0.55	11.9
RFS530	24 LED 48W/700 mA	111-0727	5903	111-0728	5903	1.00	11.9
RFS540	36 LED 72W/700 mA	111-0705	8854	111-0402	8854	1.50	14.7
RFS540	48 LED 48W/350 mA	111-0525	6456	111-0629	6456	1.09	15.0
RFS540	48 LED 96W/700 mA	111-0576	11805	111-0593	11805	2.00	15.0



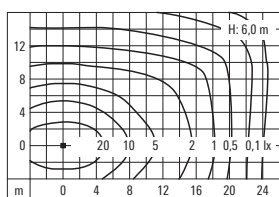
RFS530



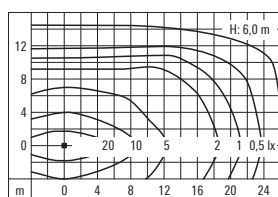
RFS540



[S60]



[S65]



[S70]

Control:

R2C	for RFS530 at 350-700 mA	430-0019
R2C	for RFS540 at 350-1050 mA	430-0019

\* Multiplier for isolux values.

## VFL500 SERIES

**[Factory-sealed]** Pole mounted luminaire. IP66. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, grey aluminium RAL 9007 or white RAL 9016. RFC™ Reflection Free Contour main lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.

### Light source:

LED 12-84 W, 3000 K and 4000 K  
(for 36-126 W/1050 mA, refer to [www.we-ef.com](http://www.we-ef.com))  
(2700K on request)

### Available distributions:

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

### Accessories:

- Mounting, page 204
- Control, page 204
- Poles, page 350-361

### WE-EF Control and Surge Protection:

- Energy-saving options, page 238-241
- Enhanced surge protection, page 238



**R2C**



BMW Hauptstadtrepräsentanz am Messedamm, Berlin (D). Architect: Lanz Architekten.





[P45R] [P45L] [P65] [S60]

**IOS® Innovative Optical System:**

[P45R] Pedestrian crossing distribution, for right-hand traffic

[P45L] Pedestrian crossing distribution, for left-hand traffic

[P65] Pedestrian/bicycle lane distribution

[S60] Streetlighting distribution

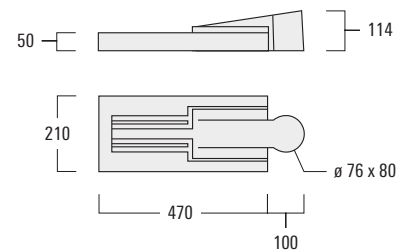


[P45R]		3000 K	lm*	4000 K	lm*	Factor**	kg
VFL540	36 LED 72W/700 mA	108-1985	8854	108-1986	8854	1.00	8.2
VFL540	42 LED 84W/700 mA	108-1989	10329	108-1990	10329	1.17	8.2

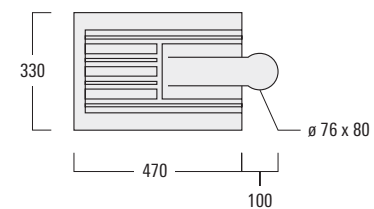
[P45L]		3000 K	lm*	4000 K	lm*	Factor**	kg
VFL540	36 LED 72W/700 mA	108-1983	8854	108-1984	8854	1.00	8.2
VFL540	42 LED 84W/700 mA	108-1987	10329	108-1988	10329	1.17	8.2

[P65]		3000 K	lm	4000 K	lm	Factor**	kg
VFL520	12 LED 12W/350 mA	108-1500	1614	108-1501	1614	0.55	4.7
VFL520	12 LED 24W/700 mA	108-1502	2951	108-1503	2951	1.00	4.7

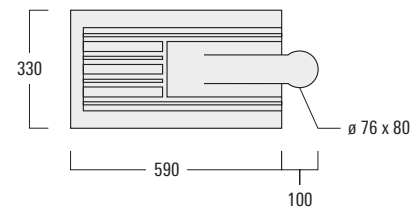
[S60]		3000 K	lm	4000 K	lm	Factor**	kg
VFL520	12 LED 12W/350 mA	108-1480	1614	108-1481	1614	0.27	4.7
VFL520	12 LED 24W/700 mA	108-1482	2951	108-1483	2951	0.50	4.7
VFL530	24 LED 24W/350 mA	108-1153	3228	108-1154	3228	0.55	6.6
VFL530	24 LED 48W/700 mA	108-1168	5903	108-1169	5903	1.00	6.6
VFL540	36 LED 36W/350 mA	108-0846	4842	108-0877	4842	0.82	8.2
VFL540	36 LED 72W/700 mA	108-0908	8854	108-0907	8854	1.50	8.2
VFL540	42 LED 42W/350 mA	108-0850	5649	108-0879	5649	0.96	8.2
VFL540	42 LED 84W/700 mA	108-0914	10329	108-0913	10329	1.75	8.2



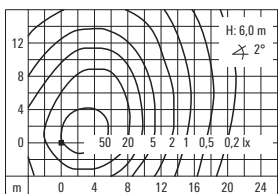
VFL520



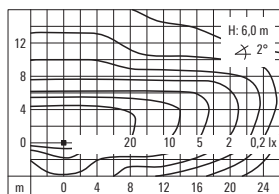
VFL530



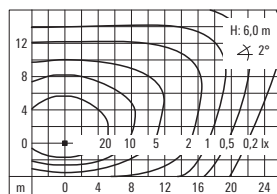
VFL540



[P45R]



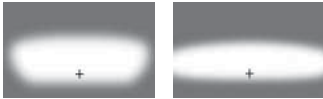
[P65]



[S60]

\* Nominal lumens output based on LED manufacturer's data at 85°C T<sub>J</sub>. For rated lumens at 25°C T<sub>a</sub> and latest data refer to [www.we-ef.com](http://www.we-ef.com).

\*\* Multiplier for isolux values.



[S65]

[S70]

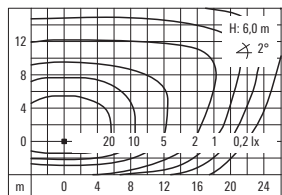
IOS® Innovative Optical System:

[S65] Streetlighting distribution

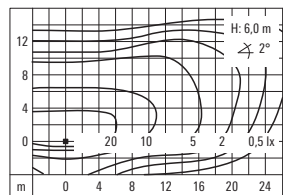
[S70] Streetlighting distribution

[S65]		3000 K	lm	4000 K	lm	Factor*	kg
VFL520	12 LED 12W/350 mA	108-1484	1614	108-1485	1614	0.27	4.7
VFL520	12 LED 24W/700 mA	108-1486	2951	108-1487	2951	0.50	4.7
VFL530	24 LED 24W/350 mA	108-1162	3228	108-1163	3228	0.55	6.6
VFL530	24 LED 48W/700 mA	108-1177	5903	108-1178	5903	1.00	6.6
VFL540	36 LED 36W/350 mA	108-1085	4842	108-0969	4842	0.82	8.2
VFL540	36 LED 72W/700 mA	108-1087	8854	108-0970	8854	1.50	8.2
VFL540	42 LED 42W/350 mA	108-1089	5649	108-0971	5649	0.96	8.2
VFL540	42 LED 84W/700 mA	108-1091	10329	108-0972	10329	1.75	8.2

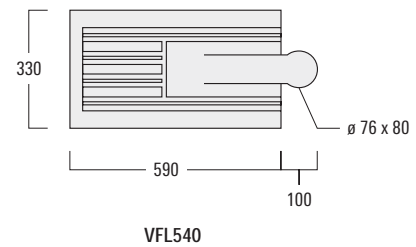
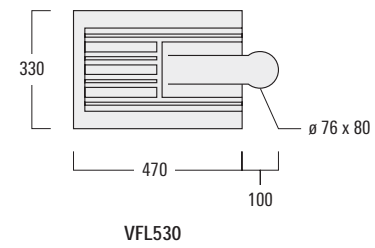
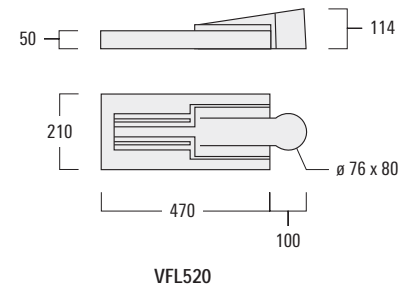
[S70]		3000 K	lm	4000 K	lm	Factor*	kg
VFL520	12 LED 12W/350 mA	108-1488	1614	108-1489	1614	0.27	4.7
VFL520	12 LED 24W/700 mA	108-1490	2951	108-1491	2951	0.50	4.7
VFL530	24 LED 24W/350 mA	108-1156	3228	108-1157	3228	0.55	6.6
VFL530	24 LED 48W/700 mA	108-1171	5903	108-1172	5903	1.00	6.6
VFL540	36 LED 36W/350 mA	108-0858	4842	108-0883	4842	0.82	8.2
VFL540	36 LED 72W/700 mA	108-0911	8854	108-0910	8854	1.50	8.2
VFL540	42 LED 42W/350 mA	108-0862	5649	108-0885	5649	0.96	8.2
VFL540	42 LED 84W/700 mA	108-0917	10329	108-0916	10329	1.75	8.2



[S65]



[S70]





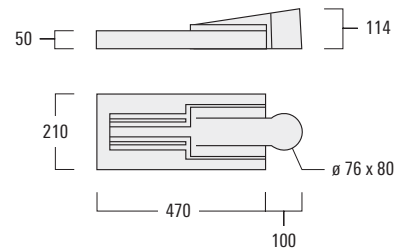
[A60]

[R65]

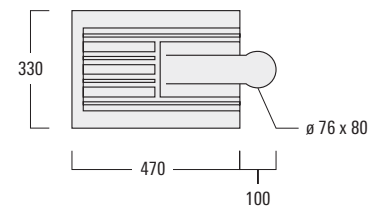
IOS® Innovative Optical System:

[A60] Asymmetric 'forward throw' distribution

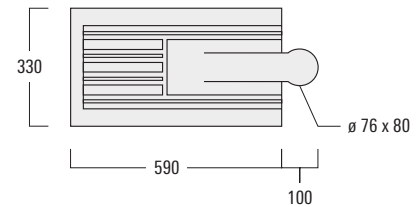
[R65] Rectangular 'forward throw' distribution



VFL520



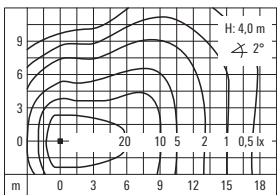
VFL530



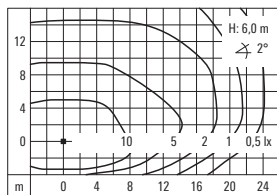
VFL540

[A60]		3000 K	lm	4000 K	lm	Factor*	kg
VFL520	12 LED 12W/350 mA	108-1496	1614	108-1497	1614	0.27	4.7
VFL520	12 LED 24W/700 mA	108-1498	2951	108-1499	2951	0.50	4.7
VFL530	24 LED 24W/350 mA	108-1159	3228	108-1160	3228	0.55	6.6
VFL530	24 LED 48W/700 mA	108-1174	5903	108-1175	5903	1.00	6.6
VFL540	36 LED 36W/350 mA	108-1061	4842	108-0929	4842	0.82	8.2
VFL540	36 LED 72W/700 mA	108-1063	8854	108-0941	8854	1.50	8.2
VFL540	42 LED 42W/350 mA	108-1065	5649	108-0932	5649	0.96	8.2
VFL540	42 LED 84W/700 mA	108-1067	10329	108-0944	10329	1.75	8.2

[R65]		3000 K	lm	4000 K	lm	Factor*	kg
VFL520	12 LED 12W/350 mA	108-1492	1614	108-1493	1614	0.27	4.7
VFL520	12 LED 24W/700 mA	108-1494	2951	108-1495	2951	0.50	4.7
VFL530	24 LED 24W/350 mA	108-1165	3228	108-1166	3228	0.55	6.6
VFL530	24 LED 48W/700 mA	108-1180	5903	108-1181	5903	1.00	6.6
VFL540	36 LED 36W/350 mA	108-1073	4842	108-0975	4842	0.82	8.2
VFL540	36 LED 72W/700 mA	108-1075	8854	108-0976	8854	1.50	8.2
VFL540	42 LED 42W/350 mA	108-1077	5649	108-0977	5649	0.96	8.2
VFL540	42 LED 84W/700 mA	108-1079	10329	108-0978	10329	1.75	8.2



[A60]



[R65]

\* Multiplier for isolux values.

## VFL500-SE SERIES

[Factory-sealed] Pole mounted luminaire. IP66. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, grey aluminium RAL 9007 or white RAL 9016. RFC™ Reflection Free Contour main lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.

Light source:

LED 12-96 W, 3000 K and 4000 K  
(for 72-144 W/1050 mA, refer to [www.we-ef.com](http://www.we-ef.com))

Available distributions:

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

Accessories:

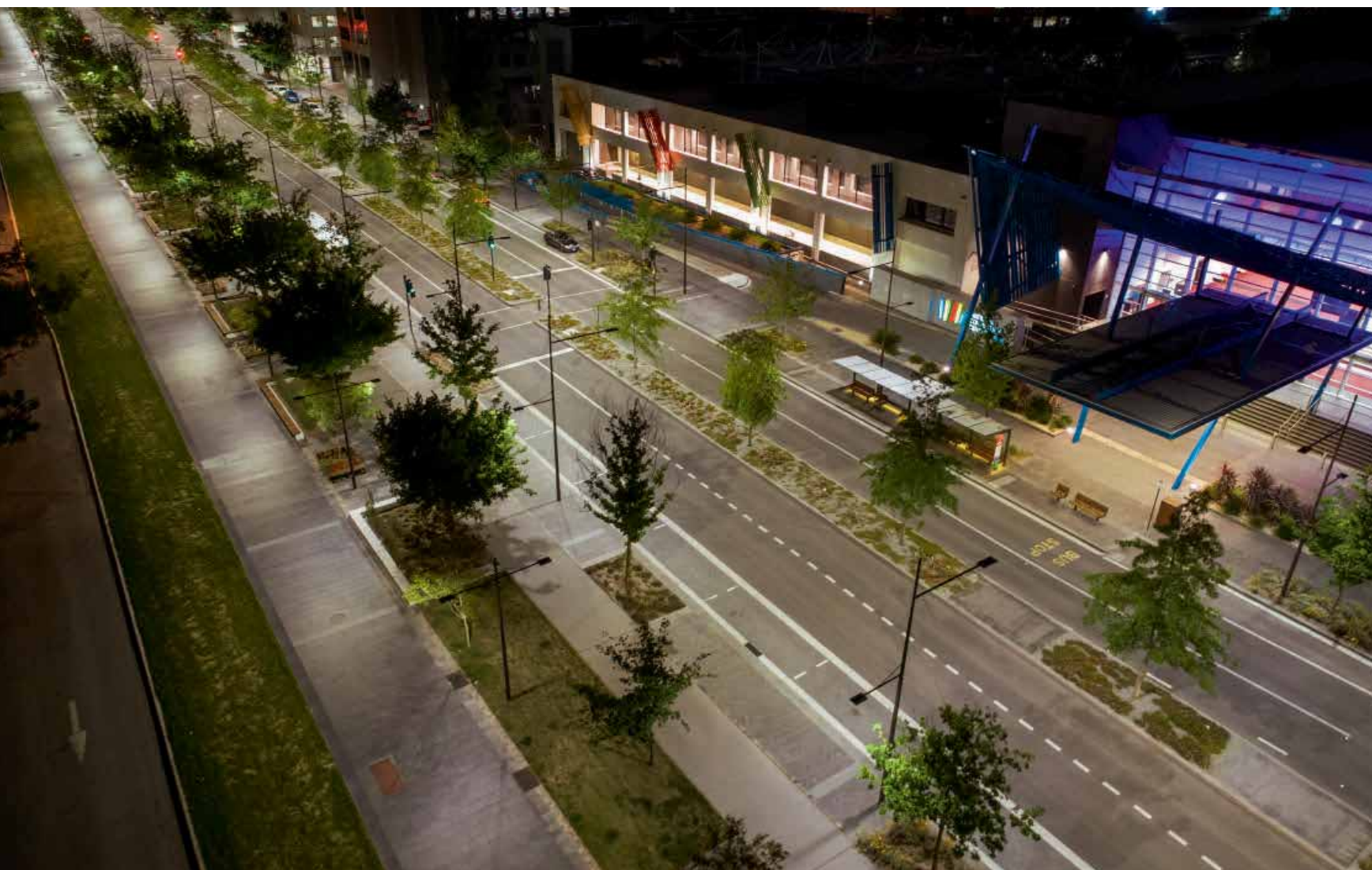
- Mounting, page 204
- Control, page 204
- Poles, page 350-361

WE-EF Control and Surge Protection:

- Energy-saving options, page 238-241
- Enhanced surge protection, page 238



R2C



Constitution Avenue. Canberra (AUS). Lighting designer: Lighting Art & Science. Landscape Architect: Jane Irwin.



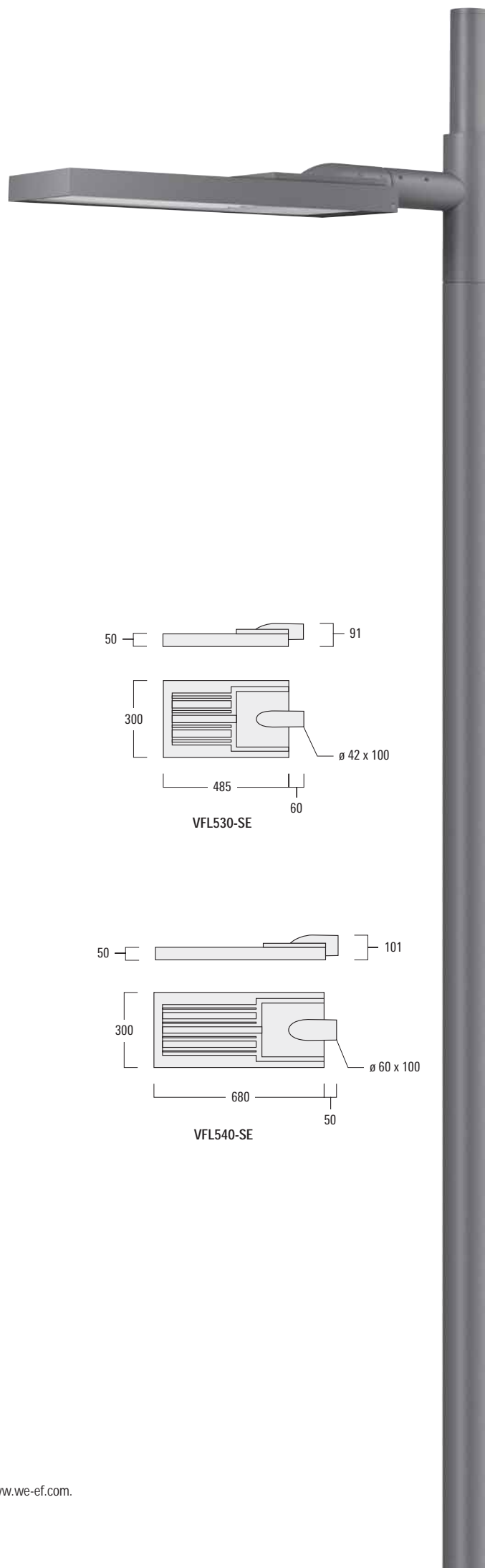
[P45R] [P45L] [S60]

IOS® Innovative Optical System:

[P45R] Pedestrian crossing distribution, for right-hand traffic

[P45L] Pedestrian crossing distribution, for left-hand traffic

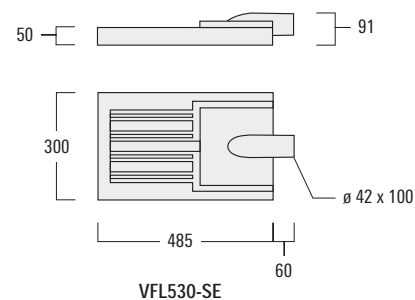
[S60] Streetlighting distribution



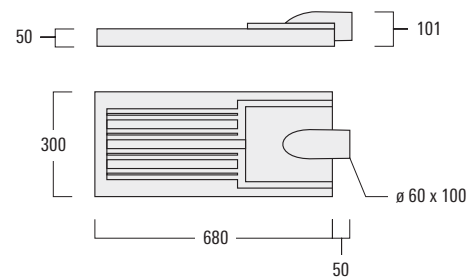
[P45R]		3000 K	lm*	4000 K	lm*	Factor**	kg
VFL540-SE	36 LED 72W/700 mA	108-1993	8854	108-1994	8854	1.00	8.2
VFL540-SE	36 LED 108W/1050 mA	108-5172	14040	108-5173	16200	1.83	8.2
VFL540-SE	48 LED 96W/700 mA	108-1997	11805	108-1998	11805	1.33	8.2
VFL540-SE	48 LED 144W/1050 mA	108-5175	18720	108-5546	21600	2.44	8.2

[P45L]		3000 K	lm*	4000 K	lm*	Factor**	kg
VFL540-SE	36 LED 72W/700 mA	108-1991	8854	108-1992	8854	1.00	8.2
VFL540-SE	36 LED 108W/1050 mA	108-5170	14040	108-5171	16200	1.83	8.2
VFL540-SE	48 LED 96W/700 mA	108-1995	11805	108-1996	11805	1.33	8.2
VFL540-SE	48 LED 144W/1050 mA	108-5174	18720	108-5926	21600	2.44	8.2

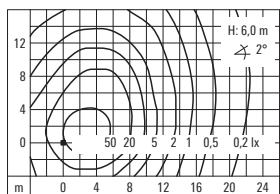
[S60]		3000 K	lm	4000 K	lm	Factor**	kg
VFL530-SE	12 LED 12W/350 mA	108-1317	1614	108-1318	1614	0.27	5.6
VFL530-SE	12 LED 24W/700 mA	108-1297	2951	108-1298	2951	0.50	5.6
VFL530-SE	24 LED 24W/350 mA	108-1307	3228	108-1308	3228	0.55	5.8
VFL530-SE	24 LED 48W/700 mA	108-1287	5903	108-1288	5903	1.00	5.8
VFL540-SE	36 LED 36W/350 mA	108-1267	4842	108-1268	4842	0.82	8.2
VFL540-SE	36 LED 72W/700 mA	108-1247	8854	108-1248	8854	1.50	8.2
VFL540-SE	48 LED 48W/350 mA	108-1277	6456	108-1278	6456	1.09	8.2
VFL540-SE	48 LED 96W/700 mA	108-1257	11805	108-1258	11805	2.00	8.2



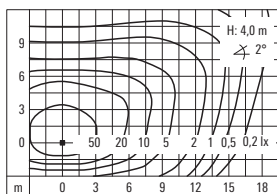
VFL530-SE



VFL540-SE



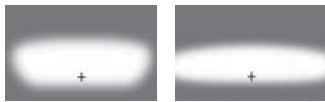
[P45R]



[S60]

\* Nominal lumens output based on LED manufacturer's data at 85°C T<sub>J</sub>. For rated lumens at 25°C T<sub>a</sub> and latest data refer to [www.we-ef.com](http://www.we-ef.com).

\*\* Multiplier for isolux values.



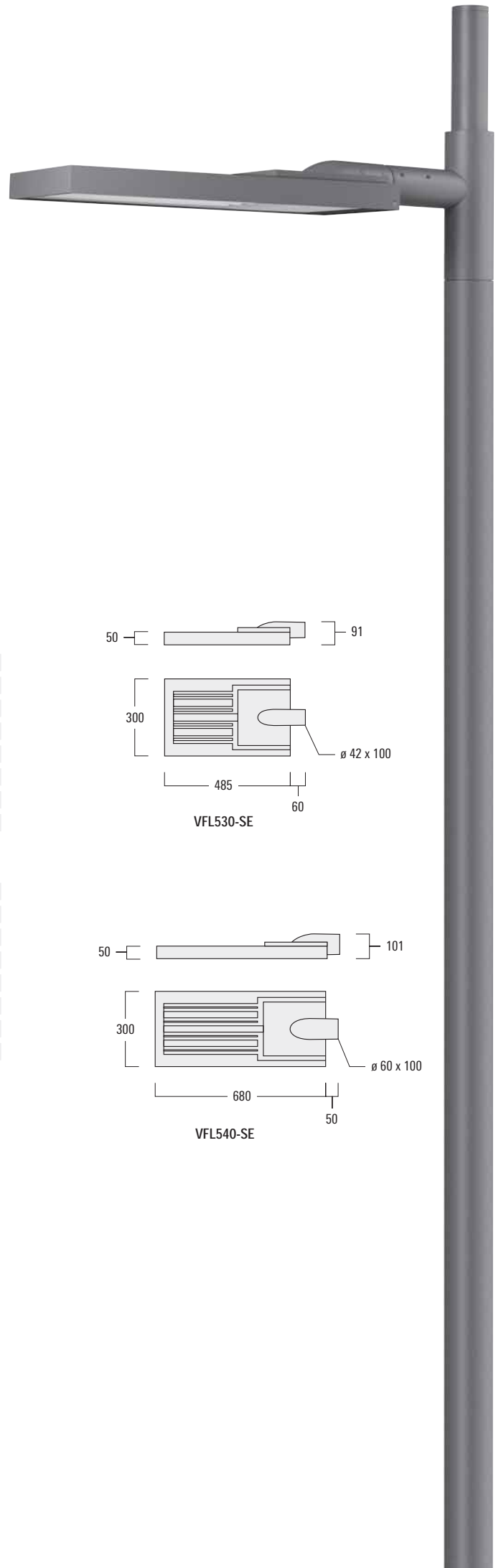
[S65]

[S70]

IOS® Innovative Optical System:

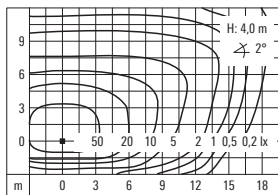
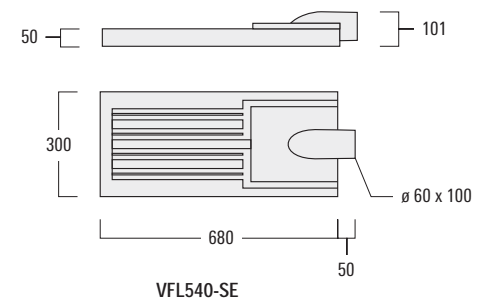
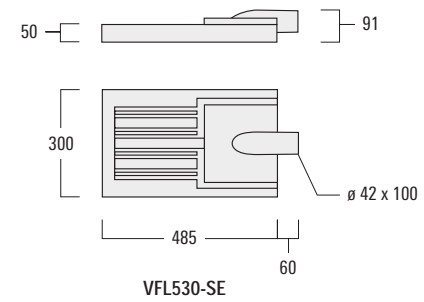
[S65] Streetlighting distribution

[S70] Streetlighting distribution

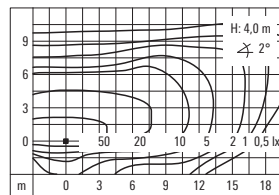


[S65]		3000 K	lm	4000 K	lm	Factor*	kg
VFL530-SE	12 LED 12W/350 mA	108-1323	1614	108-1324	1614	0.27	5.6
VFL530-SE	12 LED 24W/700 mA	108-1303	2951	108-1304	2951	0.50	5.6
VFL530-SE	24 LED 24W/350 mA	108-1313	3228	108-1314	3228	0.55	5.8
VFL530-SE	24 LED 48W/700 mA	108-1293	5903	108-1294	5903	1.00	5.8
VFL540-SE	36 LED 36W/350 mA	108-1273	4842	108-1274	4842	0.82	8.2
VFL540-SE	36 LED 72W/700 mA	108-1253	8854	108-1254	8854	1.50	8.2
VFL540-SE	48 LED 48W/350 mA	108-1283	6456	108-1284	6456	1.09	8.2
VFL540-SE	48 LED 96W/700 mA	108-1263	11805	108-1264	11805	2.00	8.2

[S70]		3000 K	lm	4000 K	lm	Factor*	kg
VFL530-SE	12 LED 12W/350 mA	108-1319	1614	108-1320	1614	0.27	5.6
VFL530-SE	12 LED 24W/700 mA	108-1299	2951	108-1300	2951	0.50	5.6
VFL530-SE	24 LED 24W/350 mA	108-1309	3228	108-1310	3228	0.55	5.8
VFL530-SE	24 LED 48W/700 mA	108-1289	5903	108-1290	5903	1.00	5.8
VFL540-SE	36 LED 36W/350 mA	108-1269	4842	108-1270	4842	0.82	8.2
VFL540-SE	36 LED 72W/700 mA	108-1249	8854	108-1250	8854	1.50	8.2
VFL540-SE	48 LED 48W/350 mA	108-1279	6456	108-1280	6456	1.09	8.2
VFL540-SE	48 LED 96W/700 mA	108-1259	11805	108-1260	11805	2.00	8.2



[S65]



[S70]



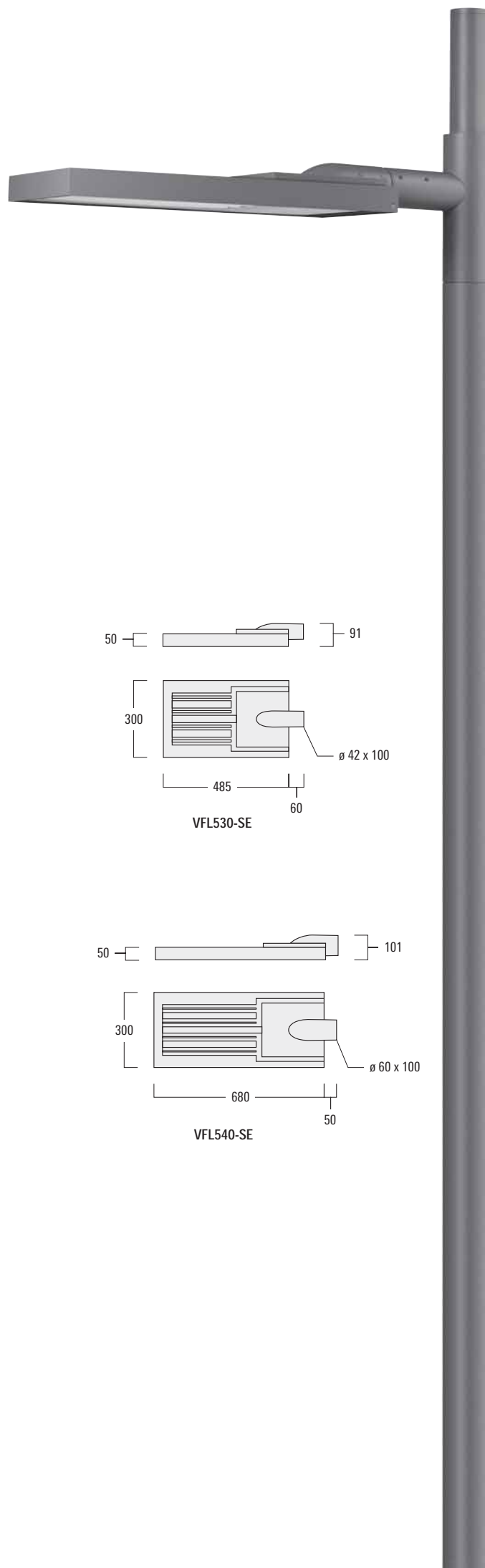
[A60]

[R65]

IOS® Innovative Optical System:

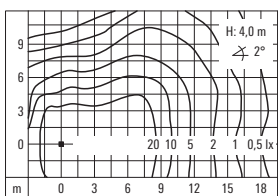
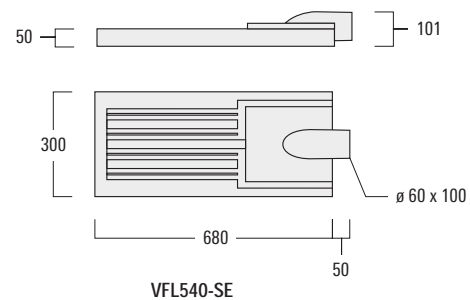
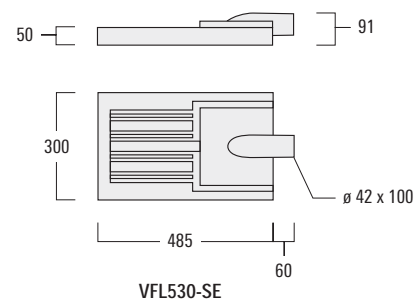
[A60] Asymmetric 'forward throw' distribution

[R65] Rectangular 'forward throw' distribution

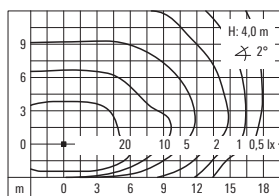


[A60]		3000 K	lm	4000 K	lm	Factor*	kg
VFL530-SE	12 LED 12W/350 mA	108-1321	1614	108-1322	1614	0.27	5.6
VFL530-SE	12 LED 24W/700 mA	108-1301	2951	108-1302	2951	0.50	5.6
VFL530-SE	24 LED 24W/350 mA	108-1311	3228	108-1312	3228	0.55	5.8
VFL530-SE	24 LED 48W/700 mA	108-1291	5903	108-1292	5903	1.00	5.8
VFL540-SE	36 LED 36W/350 mA	108-1271	4842	108-1272	4842	0.82	8.2
VFL540-SE	36 LED 72W/700 mA	108-1251	8854	108-1252	8854	1.50	8.2
VFL540-SE	48 LED 48W/350 mA	108-1281	6456	108-1282	6456	1.09	8.2
VFL540-SE	48 LED 96W/700 mA	108-1261	11805	108-1262	11805	2.00	8.2

[R65]		3000 K	lm	4000 K	lm	Factor*	kg
VFL530-SE	12 LED 12W/350 mA	108-1325	1614	108-1326	1614	0.27	5.6
VFL530-SE	12 LED 24W/700 mA	108-1305	2951	108-1306	2951	0.50	5.6
VFL530-SE	24 LED 24W/350 mA	108-1315	3228	108-1316	3228	0.55	5.8
VFL530-SE	24 LED 48W/700 mA	108-1295	5903	108-1296	5903	1.00	5.8
VFL540-SE	36 LED 36W/350 mA	108-1275	4842	108-1276	4842	0.82	8.2
VFL540-SE	36 LED 72W/700 mA	108-1255	8854	108-1256	8854	1.50	8.2
VFL540-SE	48 LED 48W/350 mA	108-1285	6456	108-1286	6456	1.09	8.2
VFL540-SE	48 LED 96W/700 mA	108-1265	11805	108-1266	11805	2.00	8.2



[A60]



[R65]

\* Multiplier for isolux values.

## MOUNTING ACCESSORIES AND CONTROL – VFL500/VFL500-SE SERIES

### VFL500 SERIES

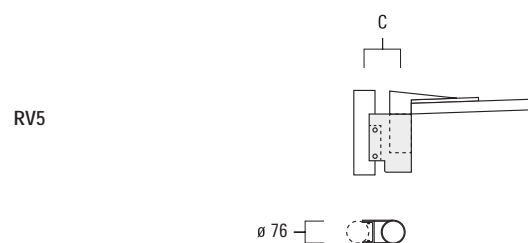
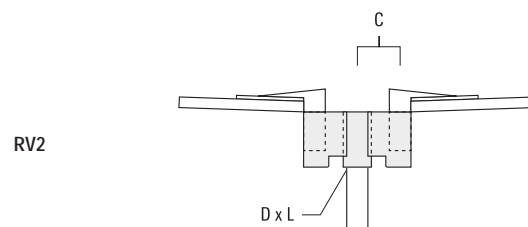
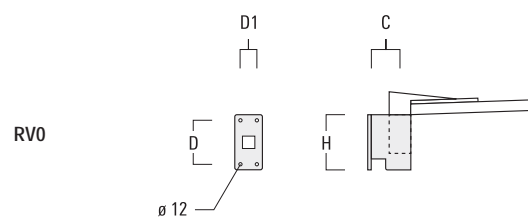
#### Mounting accessories:

Wall bracket			D	D1	H	C	kg
RV0	for VFL520/530/540	108-0979	160	60	200	105	3.0

Pole bracket			D x L	C	kg
RV2-76	for VFL520/530/540	108-0980	ø 76 x 100	147	8.4
RV2-60	for VFL520/530/540	108-0981	ø 60 x 100	147	8.4
RV5	for VFL520/530/540	108-0982	---	102	2.6

#### Control:

R2C	for VFL520 at 350-700 mA	430-0019
R2C	for VFL530/540 at 350-1050 mA	430-0019



### VFL500-SE SERIES

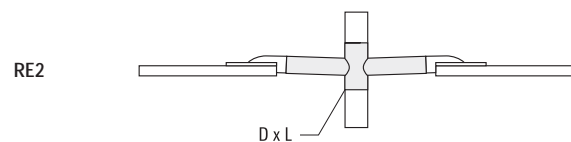
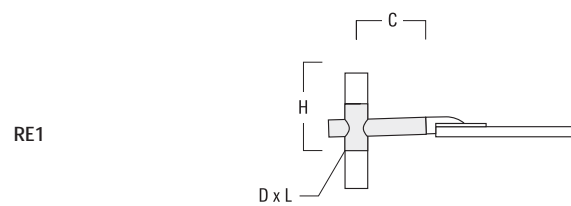
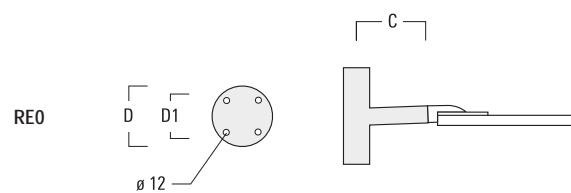
#### Mounting accessories:

Wall bracket			D/D1	C	kg
RE0-530	for VFL530-SE	111-0052	220/140	178	2.9
RE0-540	for VFL540-SE	111-0084	220/140	235	3.0

Pole bracket			D x L	H	C	kg
RE1-530	for VFL530-SE	111-0040	ø 76 x 80	275	280	4.5
RE2-530	for VFL530-SE	111-0041	ø 76 x 80	275	280	4.8
RE1-530*	for VFL530-SE	111-9020	ø 76 x 76	400	280	4.5
RE2-530*	for VFL530-SE	111-9021	ø 76 x 76	400	280	5.0
RE1-540	for VFL540-SE	111-0042	ø 76 x 80	400	280	5.3
RE2-540	for VFL540-SE	111-0043	ø 76 x 80	400	280	5.9
RE1-540*	for VFL540-SE	111-9022	ø 76 x 76	550	320	6.1
RE2-540*	for VFL540-SE	111-9023	ø 76 x 76	550	320	7.2

#### Control:

R2C	for VFL530/540-SE at 350-1050 mA	430-0019
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## PFL500 SERIES

**[Factory-sealed]** Pole mounted luminaire. IP66. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, grey aluminium RAL 9007 or white RAL 9016. RFC™ Reflection Free Contour main lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.

Light source:  
LED 48-144 W, 3000 K and 4000 K

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

Accessories:  
■ Mounting, page 210  
■ Control, page 210  
■ Poles, page 350-361

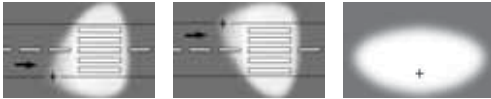
WE-EF Control and Surge Protection:  
■ Energy-saving options, page 238-241  
■ Enhanced surge protection, page 238



**R2C**



Endeavour Park Down, Queensland (AUS). Lighting design: Moreton Council.



[P45R] [P45L] [S60]

IOS® Innovative Optical System:

[P45R] Pedestrian crossing distribution, for right-hand traffic

[P45L] Pedestrian crossing distribution, for left-hand traffic

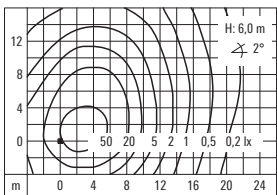
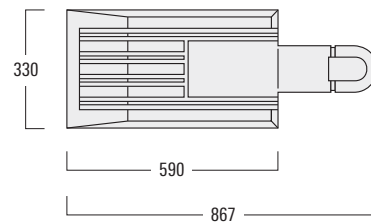
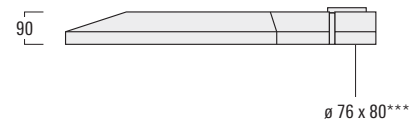
[S60] Streetlighting distribution



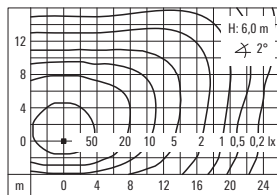
[P45R]		3000 K	lm*	4000 K	lm*	Factor**	kg
PFL540	36 LED 72W/700 mA	<b>108-1965</b>	8854	<b>108-1966</b>	8854	1.00	14.0
PFL540	36 LED 108W/1050 mA	<b>108-1973</b>	14040	<b>108-1974</b>	16200	1.83	14.0
PFL540	48 LED 96W/700 mA	<b>108-1969</b>	11805	<b>108-1970</b>	11805	1.33	15.0
PFL540	48 LED 144W/1050 mA	<b>108-1977</b>	18720	<b>108-1978</b>	21600	2.44	15.0

[P45L]		3000 K	lm*	4000 K	lm*	Factor**	kg
PFL540	36 LED 72W/700 mA	<b>108-1963</b>	8854	<b>108-1964</b>	8854	1.00	14.0
PFL540	36 LED 108W/1050 mA	<b>108-1971</b>	14040	<b>108-1972</b>	16200	1.83	14.0
PFL540	48 LED 96W/700 mA	<b>108-1967</b>	11805	<b>108-1968</b>	11805	1.33	15.0
PFL540	48 LED 144W/1050 mA	<b>108-1975</b>	18720	<b>108-1976</b>	21600	2.44	15.0

[S60]		3000 K	lm	Factor**	4000 K	lm	Factor**	kg
PFL540	24 LED 48W/700 mA	<b>108-0985</b>	5903	0.55	<b>108-0949</b>	5903	0.55	13.0
PFL540	24 LED 72W/1050 mA	<b>108-0987</b>	9360	0.87	<b>108-0952</b>	10800	1.00	13.0
PFL540	36 LED 72W/700 mA	<b>108-0993</b>	8854	0.82	<b>108-0950</b>	8854	0.82	14.0
PFL540	36 LED 108W/1050 mA	<b>108-0989</b>	14040	1.30	<b>108-0953</b>	16200	1.50	14.0
PFL540	48 LED 96W/700 mA	<b>108-0995</b>	11805	1.09	<b>108-0951</b>	11805	1.09	15.0
PFL540	48 LED 144W/1050 mA	<b>108-0991</b>	18720	1.73	<b>108-0954</b>	21600	2.00	15.0



[P45R]

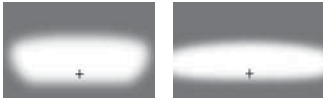


[S60]

\* Multiplier for isolux values.

\*\* Nominal lumens output based on LED manufacturer's data at 85°C T<sub>J</sub>. For rated lumens at 25°C T<sub>q</sub> and latest data refer to [www.we-ef.com](http://www.we-ef.com).

\*\*\* Optional side-entry version for ø 60 x 80 mm spigot, on request.



[S65]

[S70]

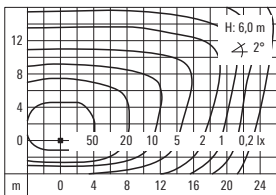
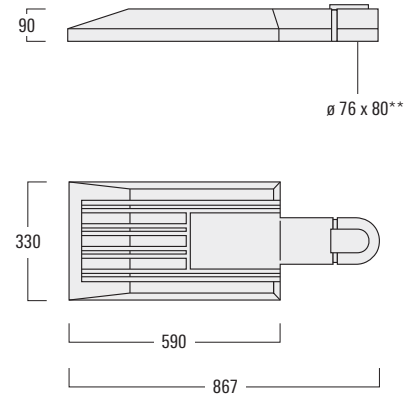
IOS® Innovative Optical System:

[S65] Streetlighting distribution

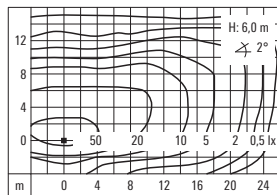
[S70] Streetlighting distribution

[S65]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
PFL540	24 LED 48W/700 mA	<b>108-1009</b>	5903	0.55	<b>108-0828</b>	5903	0.55	13.0
PFL540	24 LED 72W/1050 mA	<b>108-1011</b>	9360	0.87	<b>108-0829</b>	10800	1.00	13.0
PFL540	36 LED 72W/700 mA	<b>108-1043</b>	8854	0.82	<b>108-0830</b>	8854	0.82	14.0
PFL540	36 LED 108W/1050 mA	<b>108-1013</b>	14040	1.30	<b>108-0831</b>	16200	1.50	14.0
PFL540	48 LED 96W/700 mA	<b>108-1015</b>	11805	1.09	<b>108-0832</b>	11805	1.09	15.0
PFL540	48 LED 144W/1050 mA	<b>108-1017</b>	18720	1.73	<b>108-0833</b>	21600	2.00	15.0

[S70]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
PFL540	24 LED 48W/700 mA	<b>108-0997</b>	5903	0.55	<b>108-0824</b>	5903	0.55	13.0
PFL540	24 LED 72W/1050 mA	<b>108-0999</b>	9360	0.87	<b>108-0825</b>	10800	1.00	13.0
PFL540	36 LED 72W/700 mA	<b>108-1001</b>	8854	0.82	<b>108-0823</b>	8854	0.82	14.0
PFL540	36 LED 108W/1050 mA	<b>108-1003</b>	14040	1.30	<b>108-0826</b>	16200	1.50	14.0
PFL540	48 LED 96W/700 mA	<b>108-1005</b>	11805	1.09	<b>108-0822</b>	11805	1.09	15.0
PFL540	48 LED 144W/1050 mA	<b>108-1007</b>	18720	1.73	<b>108-0827</b>	21600	2.00	15.0



[S65]



[S70]

\* Multiplier for isolux values.

\*\* Optional side-entry version for ø 60 x 80 mm spigot, on request.



[A60]

[R65]

IOS® Innovative Optical System:

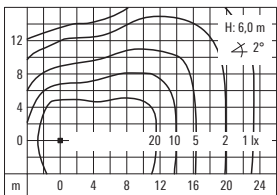
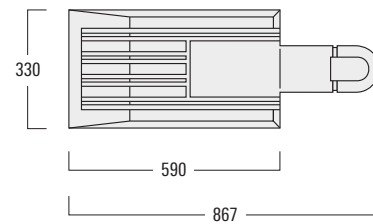
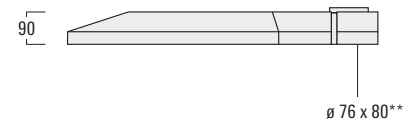
[A60] Asymmetric 'forward throw' distribution

[R65] Rectangular 'forward throw' distribution

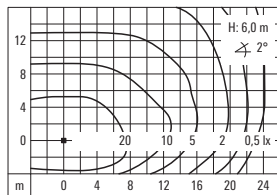


[A60]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
PFL540	24 LED 48W/700 mA	<b>108-1019</b>	5903	0.55	<b>108-0961</b>	5903	0.55	13.0
PFL540	24 LED 72W/1050 mA	<b>108-1021</b>	9360	0.87	<b>108-0964</b>	10800	1.00	13.0
PFL540	36 LED 72W/700 mA	<b>108-1023</b>	8854	0.82	<b>108-0962</b>	8854	0.82	14.0
PFL540	36 LED 108W/1050 mA	<b>108-1025</b>	14040	1.30	<b>108-0965</b>	16200	1.50	14.0
PFL540	48 LED 96W/700 mA	<b>108-1027</b>	11805	1.09	<b>108-0963</b>	11805	1.09	15.0
PFL540	48 LED 144W/1050 mA	<b>108-1029</b>	18720	1.73	<b>108-0966</b>	21600	2.00	15.0

[R65]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
PFL540	24 LED 48W/700 mA	<b>108-1031</b>	5903	0.55	<b>108-0955</b>	5903	0.55	13.0
PFL540	24 LED 72W/1050 mA	<b>108-1033</b>	9360	0.87	<b>108-0958</b>	10800	1.00	13.0
PFL540	36 LED 72W/700 mA	<b>108-1035</b>	8854	0.82	<b>108-0956</b>	8854	0.82	14.0
PFL540	36 LED 108W/1050 mA	<b>108-1037</b>	14040	1.30	<b>108-0959</b>	16200	1.50	14.0
PFL540	48 LED 96W/700 mA	<b>108-1039</b>	11805	1.09	<b>108-0957</b>	11805	1.09	15.0
PFL540	48 LED 144W/1050 mA	<b>108-1041</b>	18720	1.73	<b>108-0960</b>	21600	2.00	15.0



[A60]



[R65]

\* Multiplier for isolux values.

\*\* Optional side-entry version for ø 60 x 80 mm spigot, on request.

## MOUNTING ACCESSORIES AND CONTROL – PFL500 SERIES

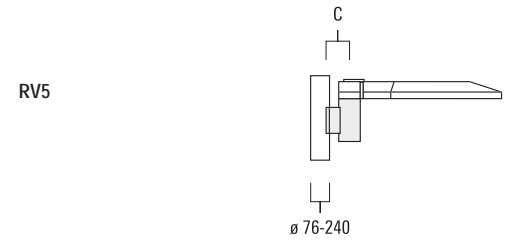
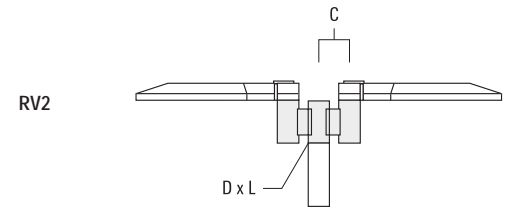
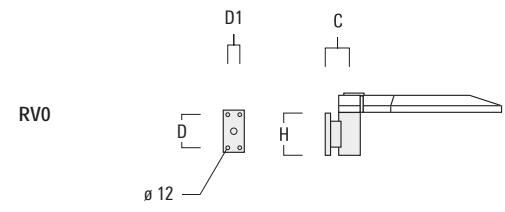
### Mounting accessories:

Wall bracket			D	D1	H	C	kg
RV0	for PFL540	108-0979	160	60	200	108	2.0

Pole bracket			D x L	C	kg
RV2-76	for PFL540	108-0980	ø 76 x 100	147	4.8
RV2-60	for PFL540	108-0981	ø 60 x 100	147	4.8
RV5	for PFL540	108-0982	---	106	1.7

### Control:

R2C	for PFL540 at 350-1050 mA	430-0019
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## PFL200 SERIES

Pole mounted luminaire. IP66. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, grey aluminium RAL 9007 or white RAL 9016. Safety glass lens, hinged. Silicone CCG® Controlled Compression Gasket.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.

Light source:  
LED 18-72 W, 3000 K and 4000 K

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

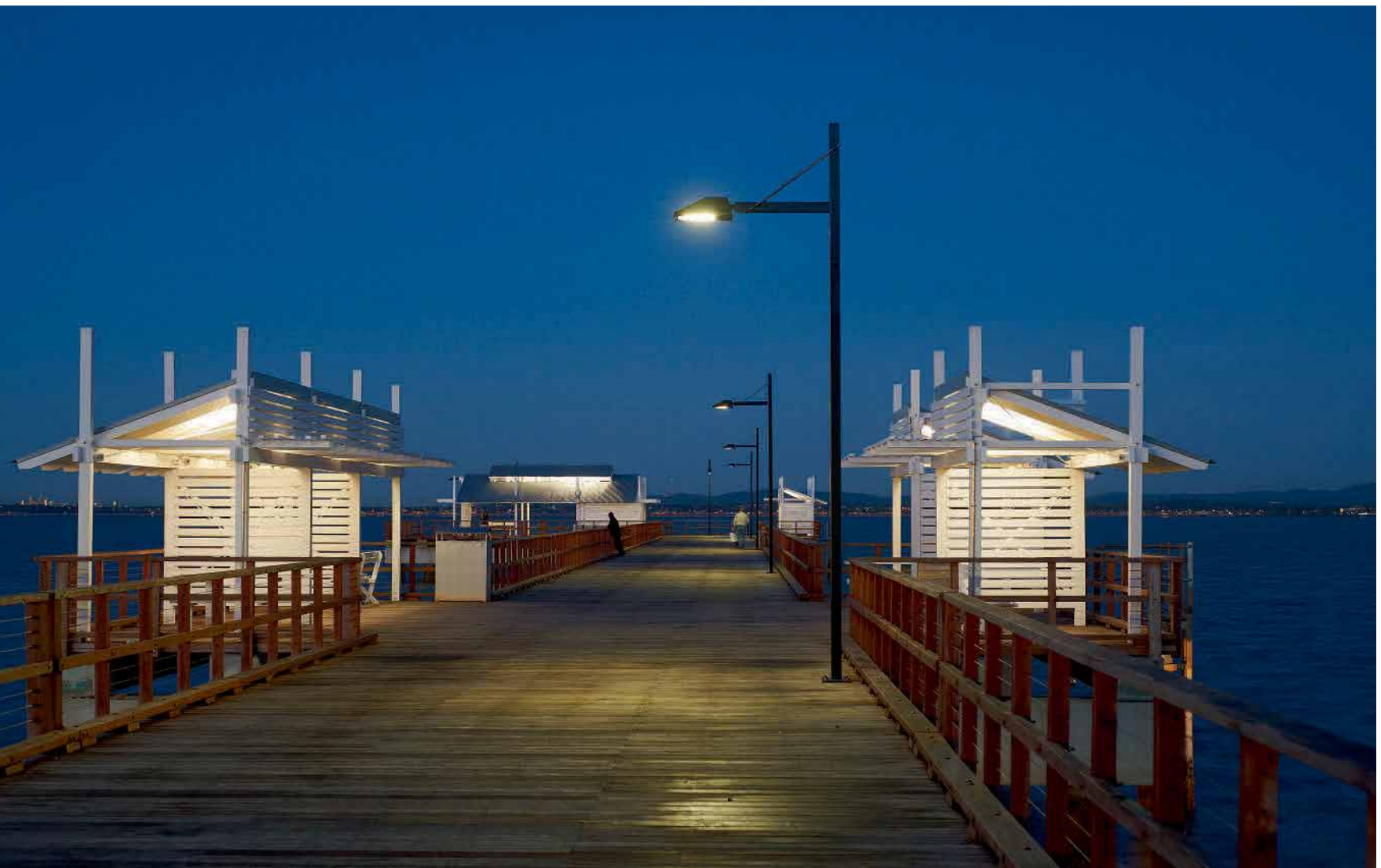
For additional types of light distributions:  
[P45R] [P45L], refer to [www.we-ef.com](http://www.we-ef.com)

Accessories:

- Mounting, page 216-217
- Poles, page 350-361

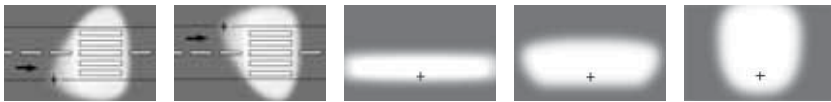
WE-EF Control and Surge Protection:

- Energy-saving options, page 238-241
- Enhanced surge protection, page 238



Woody Point Jetty, Queensland (AUS).





[P45R]      [P45L]      [P65]      [S65]      [A60]

**IOS® Innovative Optical System:**

[P45R] Pedestrian crossing distribution, for right-hand traffic

[P45L] Pedestrian crossing distribution, for left-hand traffic

[P65] Pedestrian/bicycle lane distribution

[S65] Streetlighting distribution

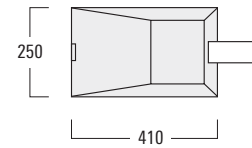
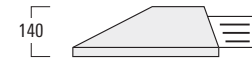
[A60] Asymmetric 'forward throw' distribution



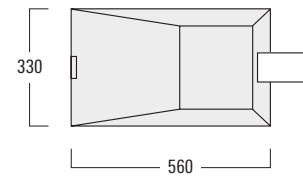
[P65]		3000 K	lm	Factor**	4000 K	lm	Factor**	kg
PFL230	18 LED 18W/350 mA	<b>108-1787</b>	2421	1.00	<b>108-1788</b>	2421	1.00	10.0
PFL230	18 LED 36W/700 mA	<b>108-1729</b>	4427	1.83	<b>108-1730</b>	4427	1.83	10.0

[S65]		3000 K	lm	Factor**	4000 K	lm	Factor**	kg
PFL230	18 LED 18W/350 mA	<b>108-1781</b>	2421	1.00	<b>108-1782</b>	2421	1.00	10.0
PFL230	18 LED 36W/700 mA	<b>108-1723</b>	4427	1.83	<b>108-1724</b>	4427	1.83	10.0
PFL240	24 LED 48W/700 mA	<b>108-1677</b>	5903	2.44	<b>108-1678</b>	5903	2.44	13.5
PFL240	24 LED 72W/1050 mA	<b>108-1635</b>	9360	3.87	<b>108-1641</b>	10800	4.46	13.5

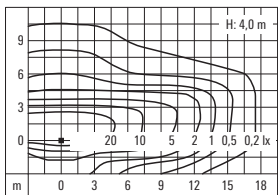
[A60]		3000 K	lm	Factor**	4000 K	lm	Factor**	kg
PFL230	18 LED 18W/350 mA	<b>108-1785</b>	2421	1.00	<b>108-1786</b>	2421	1.00	10.0
PFL230	18 LED 36W/700 mA	<b>108-1727</b>	4427	1.83	<b>108-1728</b>	4427	1.83	10.0
PFL240	24 LED 48W/700 mA	<b>108-1681</b>	5903	2.44	<b>108-1682</b>	5903	2.44	13.5
PFL240	24 LED 72W/1050 mA	<b>108-1638</b>	9360	3.87	<b>108-1643</b>	10800	4.46	13.5



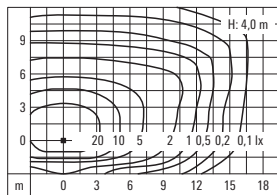
PFL230



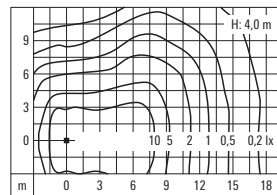
PFL240



[P65]



[S65]



[A60]

\* Nominal lumens output based on LED manufacturer's data at 85°C T<sub>j</sub>. For rated lumens at 25°C T<sub>a</sub> and latest data refer to [www.we-ef.com](http://www.we-ef.com).

\*\* Multiplier for isolux values.

## PFL200 SERIES – HIT

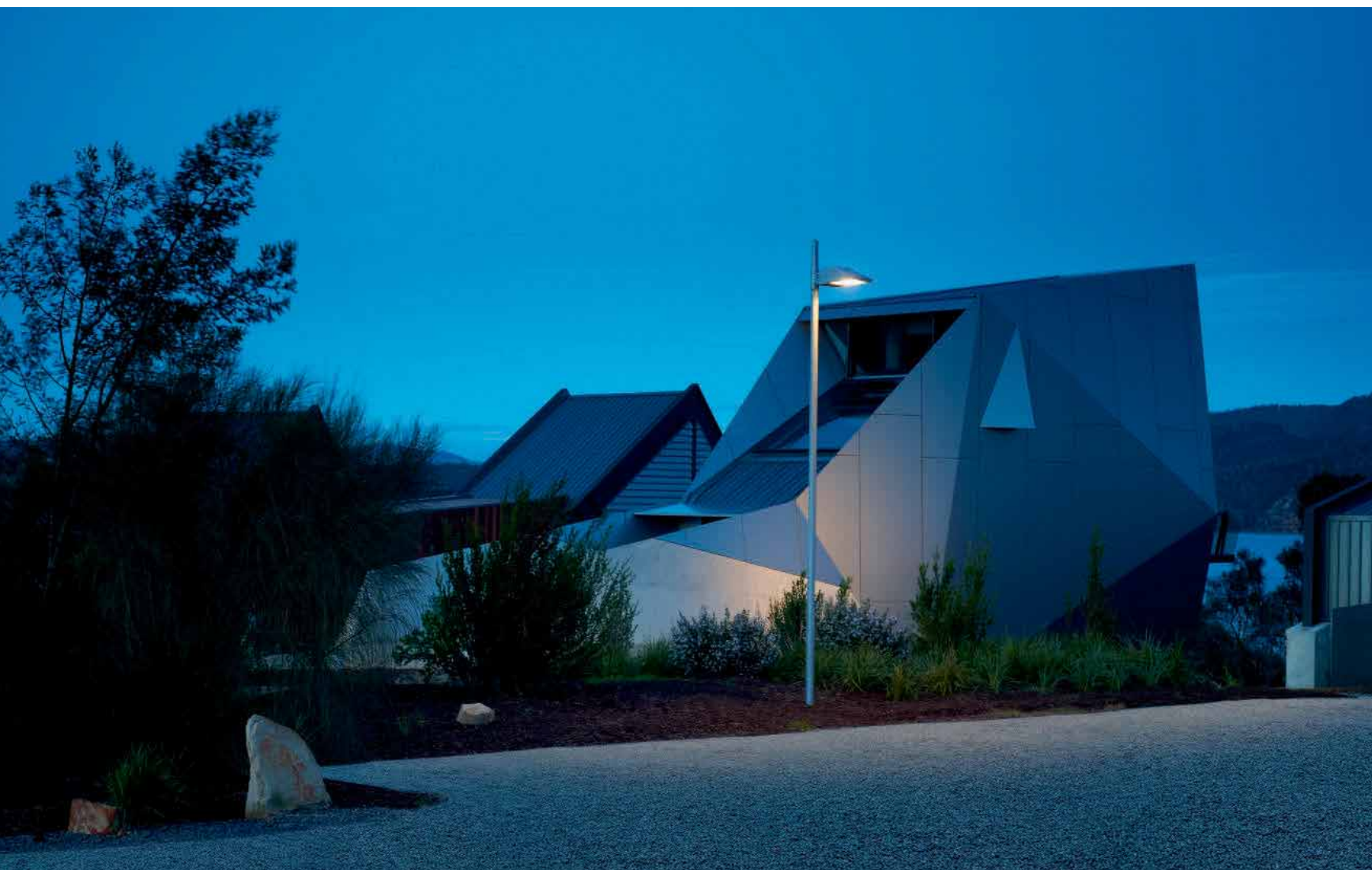
Pole mounted luminaire. IP66. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, grey aluminium RAL 9007 or white RAL 9016. Safety glass lens, hinged. Silicone CCG® Controlled Compression Gasket. Anodised aluminium reflector.

Integral HPF or ECG control gear. LPF versions available on request. 'No tool' maintenance features simplify opening the luminaire for lamp replacement.

Light source:  
HIT 20-400 W

Available distributions:  
[S60] [A60]

Accessories:  
■ Mounting, page 216-217  
■ Poles, page 350-361





[S60]

[A60]

IOS® Innovative Optical System:

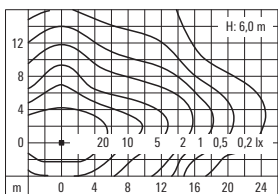
[S60] Streetlighting distribution

[A60] Asymmetric 'forward throw' distribution

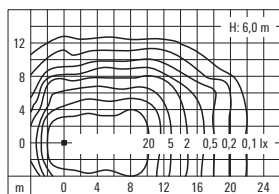


[S60]		lm	Gear	Factor*	kg	
PFL230	HIT-CE 20W/G12	108-0749	1650	[ECG]	0.24	5.8
PFL230	HIT-CE 35W/G12	108-0422	3600	[ECG]	0.51	5.8
PFL230	HIT-CE 70W/G12	108-0423	7300	[ECG]	1.04	5.8
PFL240	HIT-CE 70W/E27	108-0009	7000	[HPF]	1.00	10.0
PFL240	HIT-CE 70W/E27	108-0196	7000	[ECG]	1.00	8.1
PFL240	HIT-CE 150W/E40	108-0010	14500	[HPF]	2.07	11.2
PFL240	HIT-CE 150W/E40	108-0016	14500	[ECG]	2.07	9.3
PFL260	HIT-CE 250W/E40	108-0024	26000	[HPF]	3.71	16.0
PFL260	HIT 400W/E40	108-0026	35000	[HPF]	5.00	17.6

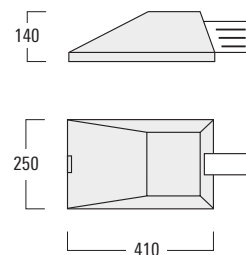
[A60]		lm	Gear	Factor*	kg	
PFL230	HIT-CE 20W/G12	108-0752	1650	[ECG]	0.24	5.8
PFL230	HIT-CE 35W/G12	108-0425	3600	[ECG]	0.53	5.8
PFL230	HIT-CE 70W/G12	108-0426	7300	[ECG]	1.07	5.8
PFL240	HIT-DE-CE 70W/RX7s	108-0095	6800	[HPF]	1.00	10.0
PFL240	HIT-DE-CE 70W/RX7s	108-0194	6800	[ECG]	1.00	8.1
PFL240	HIT-DE-CE 150W/RX7s	108-0096	14500	[HPF]	2.13	11.2
PFL240	HIT-DE-CE 150W/RX7s	108-0131	14500	[ECG]	2.13	9.3
PFL260	HIT-DE 250W/Fc2	108-0048	20000	[HPF]	2.94	16.0
PFL260	HIT-DE 400W/Fc2	108-0050	37000	[HPF]	5.44	17.6



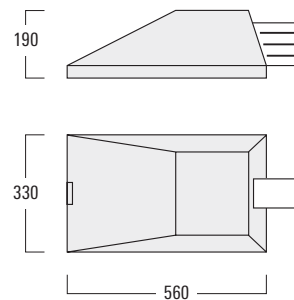
[S60]



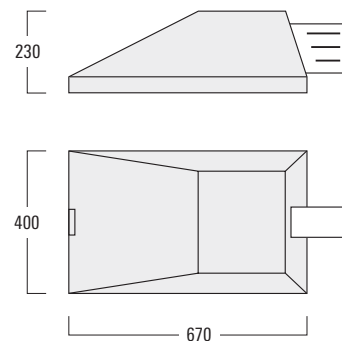
[A60]



PFL230



PFL240



PFL260

\* Multiplier for isolux values.

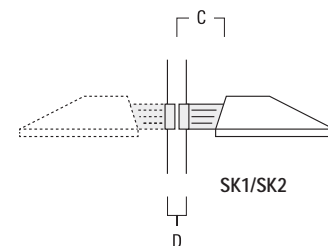
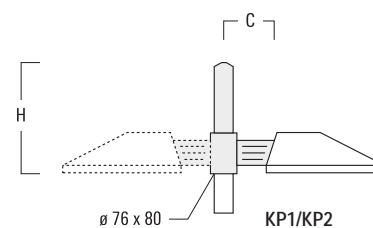
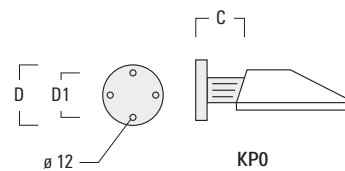
## MOUNTING ACCESSORIES – PFL200 SERIES

All mounting accessories are made from marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish to match luminaire.

Wall bracket			D/D1	C	kg
KP0-230	for PFL230	<b>108-0433</b>	180/140	175	1.5
KP0-240	for PFL240	<b>108-0103</b>	230/195	175	3.7
KP0-260	for PFL260	<b>108-0056</b>	275/235	210	4.0

Pole bracket			H	C	kg
KP1-230	for PFL230	<b>108-0434</b>	525	175	3.9
KP2-230	for PFL230	<b>108-0435</b>	525	175	5.3
KP1-240	for PFL240	<b>108-0104</b>	575	175	5.1
KP2-240	for PFL240	<b>108-0105</b>	575	175	6.0
KP1-260	for PFL260	<b>108-0044</b>	675	210	7.2
KP2-260	for PFL260	<b>108-0045</b>	675	210	8.4

Pole clamp			D	C	kg
SK1-230	for PFL230	<b>108-0474</b>	ø 76-89	175	2.1
SK1-230	for PFL230	<b>108-0475</b>	ø 102-114	175	2.4
SK2-230	for PFL230	<b>108-0476</b>	ø 76-89	175	2.9
SK2-230	for PFL230	<b>108-0477</b>	ø 102-114	175	3.2
SK1-240	for PFL240	<b>108-0788</b>	ø 76-89	175	2.1
SK1-240	for PFL240	<b>108-0789</b>	ø 114-133	175	3.8
SK2-240	for PFL240	<b>108-0790</b>	ø 76-89	175	3.9
SK2-240	for PFL240	<b>108-0791</b>	ø 114-133	175	4.7
SK1-260	for PFL260	<b>108-0792</b>	ø 76-89	210	3.6
SK1-260	for PFL260	<b>108-0794</b>	ø 114-133	210	4.4
SK2-260	for PFL260	<b>108-0795</b>	ø 76-89	210	4.8
SK2-260	for PFL260	<b>108-0797</b>	ø 114-133	210	5.6

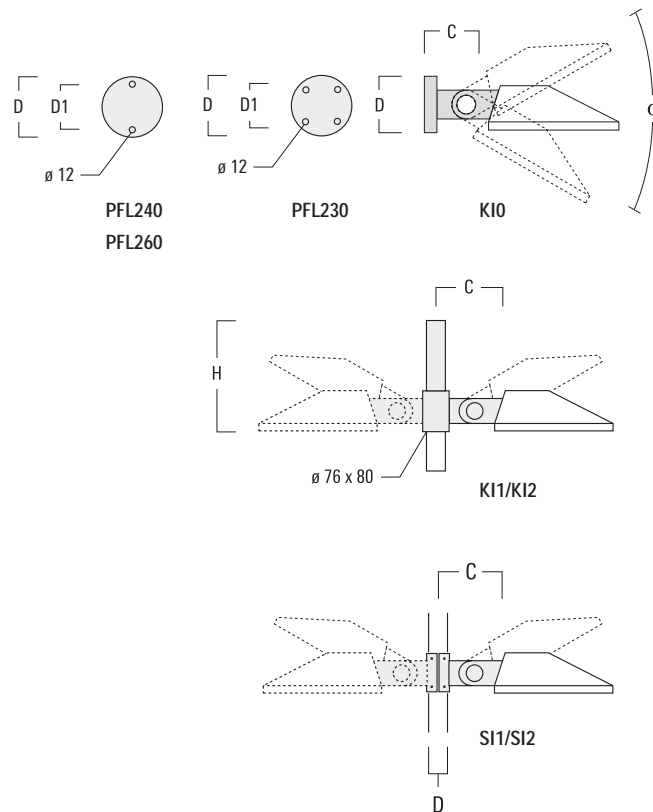


All mounting accessories are made from marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish to match luminaire.

Wall bracket			D/D1	$\alpha$	C	kg
K10-230	for PFL230	<b>108-0430</b>	180/148	$\pm 30^\circ$	210	3.6
K10-240/260	for PFL240/260	<b>108-0493</b>	180/140	$\pm 30^\circ$	210	5.7

Pole bracket			H	$\alpha$	C	kg
K11-230	for PFL230	<b>108-0431</b>	475	$\pm 30^\circ$	210	5.5
K12-230	for PFL230	<b>108-0432</b>	475	$\pm 30^\circ$	210	7.2
K11-240	for PFL240	<b>108-0491</b>	525	$+ 30^\circ/-15^\circ$	210	7.2
K12-240	for PFL240	<b>108-0492</b>	525	$+ 30^\circ/-15^\circ$	210	10.0
K11-260	for PFL260	<b>108-0494</b>	625	$\pm 30^\circ$	210	9.0
K12-260	for PFL260	<b>108-0495</b>	625	$\pm 30^\circ$	210	11.9

Pole clamp			D	$\alpha$	C	kg
SI1-230	for PFL230	<b>108-0478</b>	$\varnothing 76-89$	$\pm 30^\circ$	210	2.9
SI1-230	for PFL230	<b>108-0479</b>	$\varnothing 102-114$	$\pm 30^\circ$	210	3.5
SI2-230	for PFL230	<b>108-0480</b>	$\varnothing 76-89$	$\pm 30^\circ$	210	4.1
SI2-230	for PFL230	<b>108-0481</b>	$\varnothing 102-114$	$\pm 30^\circ$	210	4.7
SI1-240/260	for PFL240/260	<b>108-0482</b>	$\varnothing 76-89$	$+ 30^\circ/-15^\circ$	210	4.7
SI1-240/260	for PFL240/260	<b>108-0483</b>	$\varnothing 114-133$	$+ 30^\circ/-15^\circ$	210	5.4
SI2-240/260	for PFL240/260	<b>108-0484</b>	$\varnothing 76-89$	$+ 30^\circ/-15^\circ$	210	7.6
SI2-240/260	for PFL240/260	<b>108-0485</b>	$\varnothing 114-133$	$+ 30^\circ/-15^\circ$	210	8.3



## FLA400 #5 SERIES

Pole mounted luminaire. IP66. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in Classic Silver, black RAL 9004, grey aluminium RAL 9007 or white RAL 9016. Safety glass lens, hinged. Silicone CCG® Controlled Compression Gasket.

Integral EC electronic converter in thermally-separated compartment. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.

Light source:  
LED 36-108 W, 3000 K and 4000 K

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

For additional types of light distribution:  
[P65] [S60], refer to [www.we-ef.com](http://www.we-ef.com)

Accessories:  
■ Mounting, page 221  
■ Poles, page 350-361

WE-EF Control and Surge Protection:  
■ Energy-saving options, page 238-241  
■ Enhanced surge protection, page 238





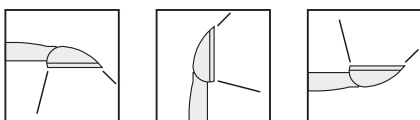
[S65]

[S70]

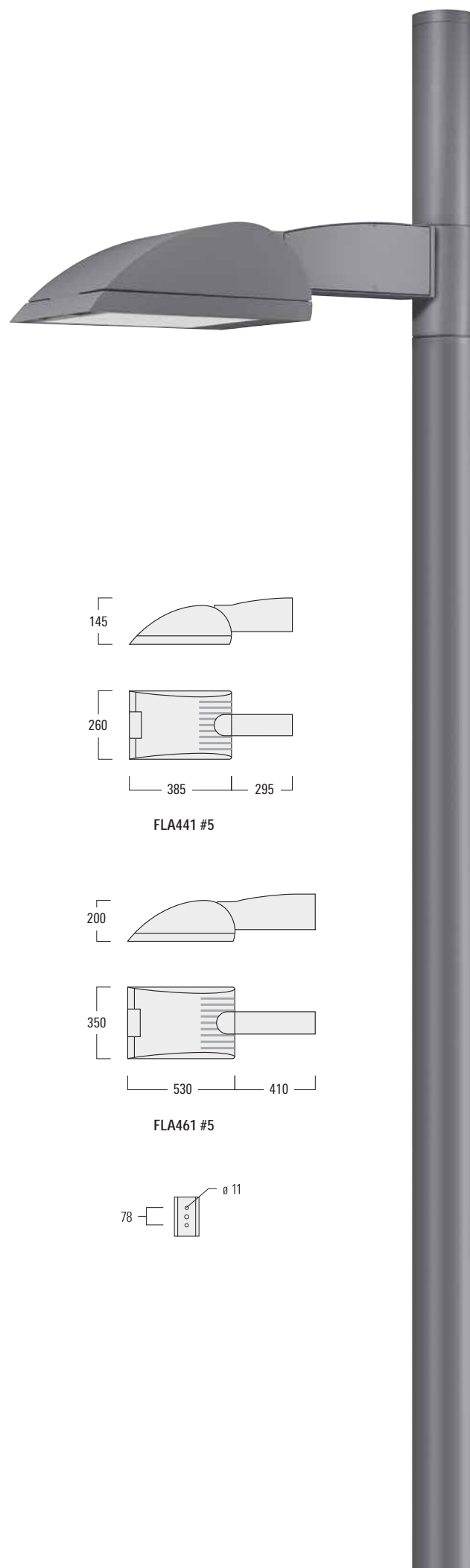
IOS® Innovative Optical System:

[S65] Streetlighting distribution

[S70] Streetlighting distribution

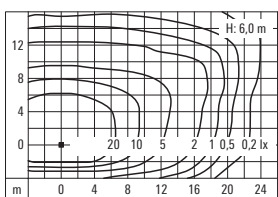


Suitable for downlighting, facade and uplighting applications.

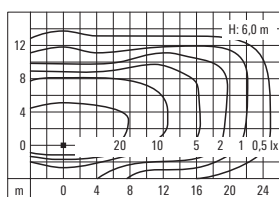


[S65]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
FLA441 #5	18 LED 36W/700 mA	<b>108-7743</b>	4427	0.55	<b>108-7744</b>	4427	0.55	9.5
FLA441 #5	18 LED 54W/1050 mA	<b>108-7753</b>	7020	1.00	<b>108-7754</b>	8100	1.00	9.5
FLA461 #5	36 LED 72W/700 mA	<b>108-7764</b>	8854	1.09	<b>108-7765</b>	8854	1.09	26.0
FLA461 #5	36 LED 108W/1050 mA	<b>108-7774</b>	14040	1.73	<b>108-7775</b>	16200	2.00	26.0

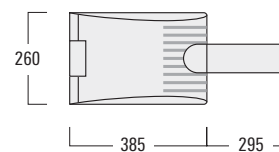
[S70]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
FLA441 #5	18 LED 36W/700 mA	<b>108-7745</b>	4427	0.55	<b>108-7746</b>	4427	0.55	9.5
FLA441 #5	18 LED 54W/1050 mA	<b>108-7755</b>	7020	1.00	<b>108-7756</b>	8100	1.00	9.5
FLA461 #5	36 LED 72W/700 mA	<b>108-7766</b>	8854	1.09	<b>108-7767</b>	8854	1.09	26.0
FLA461 #5	36 LED 108W/1050 mA	<b>108-7776</b>	14040	1.73	<b>108-7777</b>	16200	2.00	26.0



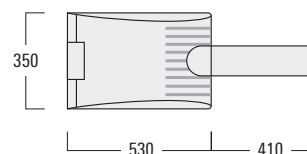
[S65]



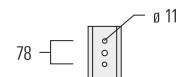
[S70]



FLA441 #5



FLA461 #5



\* Multiplier for isolux values.



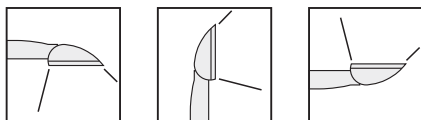
[A60]

[R65]

IOS® Innovative Optical System:

[A60] Asymmetric 'forward throw' distribution

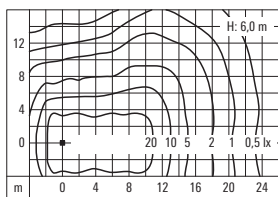
[R65] Rectangular 'forward throw' distribution



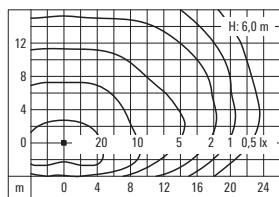
Suitable for downlighting, facade and uplighting applications.

[A60]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
FLA441 #5	18 LED 36W/700 mA	108-7749	4427	0.55	108-7750	4427	0.55	9.5
FLA441 #5	18 LED 54W/1050 mA	108-7759	7020	1.00	108-7760	8100	1.00	9.5
FLA461 #5	36 LED 72W/700 mA	108-7770	8854	1.09	108-7771	8854	1.09	26.0
FLA461 #5	36 LED 108W/1050 mA	108-7780	14040	1.73	108-7781	16200	2.00	26.0

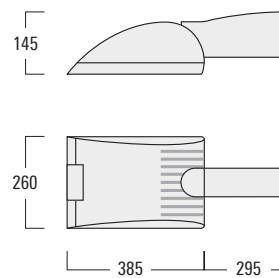
[R65]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
FLA441 #5	18 LED 36W/700 mA	108-7747	4427	0.55	108-7748	4427	0.55	9.5
FLA441 #5	18 LED 54W/1050 mA	108-7757	7020	1.00	108-7758	8100	1.00	9.5
FLA461 #5	36 LED 72W/700 mA	108-7768	8854	1.09	108-7769	8854	1.09	26.0
FLA461 #5	36 LED 108W/1050 mA	108-7778	14040	1.73	108-7779	16200	2.00	26.0



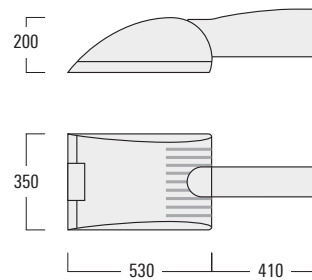
[A60]



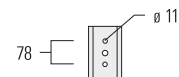
[R65]



FLA441 #5



FLA461 #5



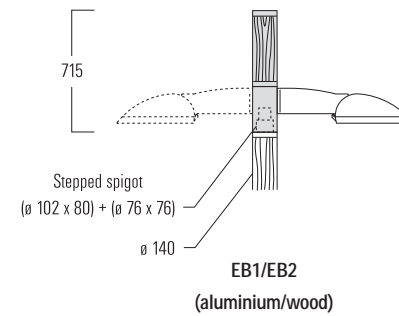
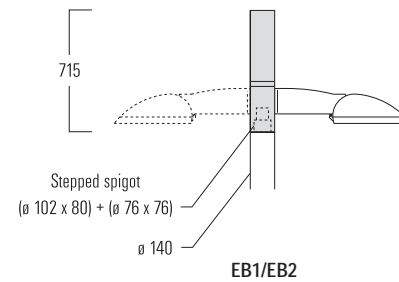


## MOUNTING ACCESSORIES – FLA400 #5 SERIES

All mounting accessories are made from marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish to match luminaire.

Aluminium/wood versions use impregnated hardwood.\*

<b>Single column fitter</b>				kg
EB1-102	for FLA441/461 #5	310-9134		10.7
<b>Double column fitter</b>				kg
EB2-102	for FLA441/461 #5	310-9135		10.7
<b>Single column fitter – Aluminium/wood.</b>				kg
EB1-102	for FLA441/461 #5	310-9136		10.8
<b>Double column fitter – Aluminium/wood.</b>				kg
EB2-102	for FLA441/461 #5	310-9137		10.8



\* Natural wood is susceptible to colour and texture variations over time. It is recommended to use a suitable wood stain once a year for protection.

## ALP500 SERIES

Pendant luminaire. IP55. IK10. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, grey aluminium RAL 9007 or white RAL 9016. Polycarbonate lens. Silicone rubber gaskets.

Integral EC electronic converter. CAD-optimised optics for superior illumination and glare control.

Brackets to be ordered separately.

Light source:  
LED 17-24 W, 3000 K and 4000 K

Available distributions:  
[C60]

Accessories:  
■ Mounting, page 228-229  
■ Poles, page 350-361

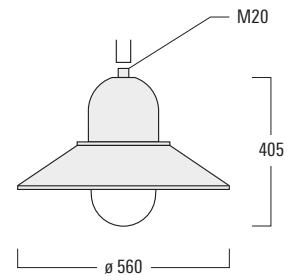
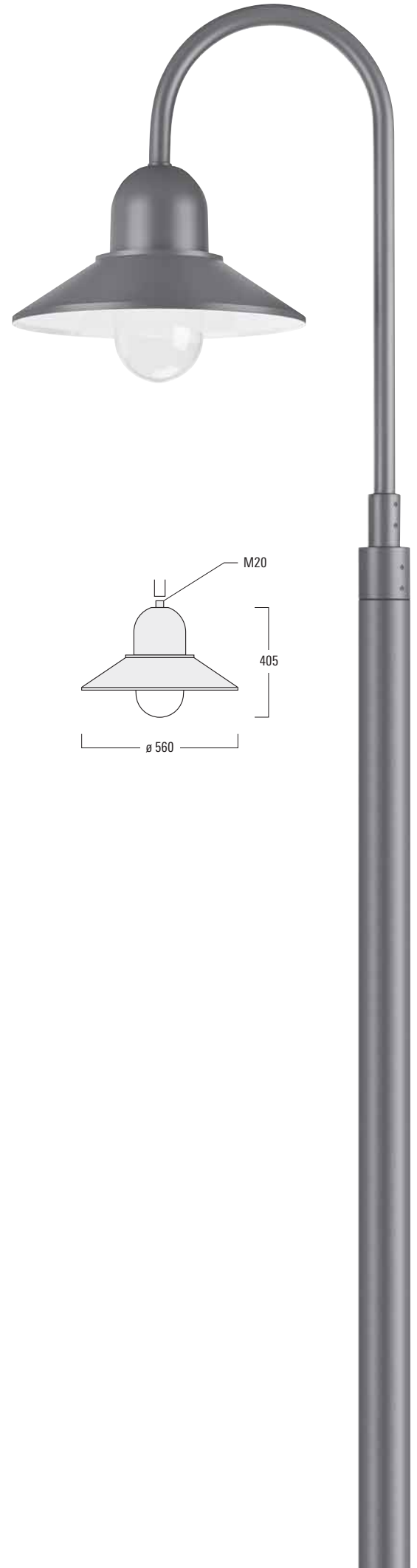


Campus. Berlin (D).

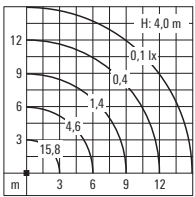


[C60]

IOS® Innovative Optical System:  
[C60] Controlled symmetric distribution



[C60]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
ALP534	LED FT 17W/500 mA	127-1217	2890	0.96	127-1218	3010	1.00	6.1
ALP534	LED FT 24W/700 mA	127-1219	3930	1.31	127-1220	4100	1.36	6.1



[C60]

\* Multiplier for isolux values.

## AOP500 SERIES

Pendant luminaire. IP55. IK10. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, grey aluminium RAL 9007 or white RAL 9016. Polycarbonate lens. Silicone rubber gaskets.

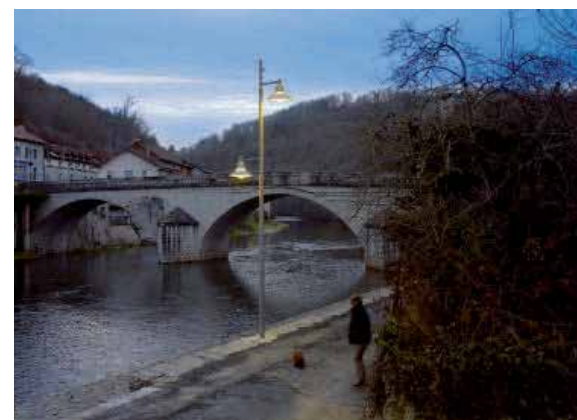
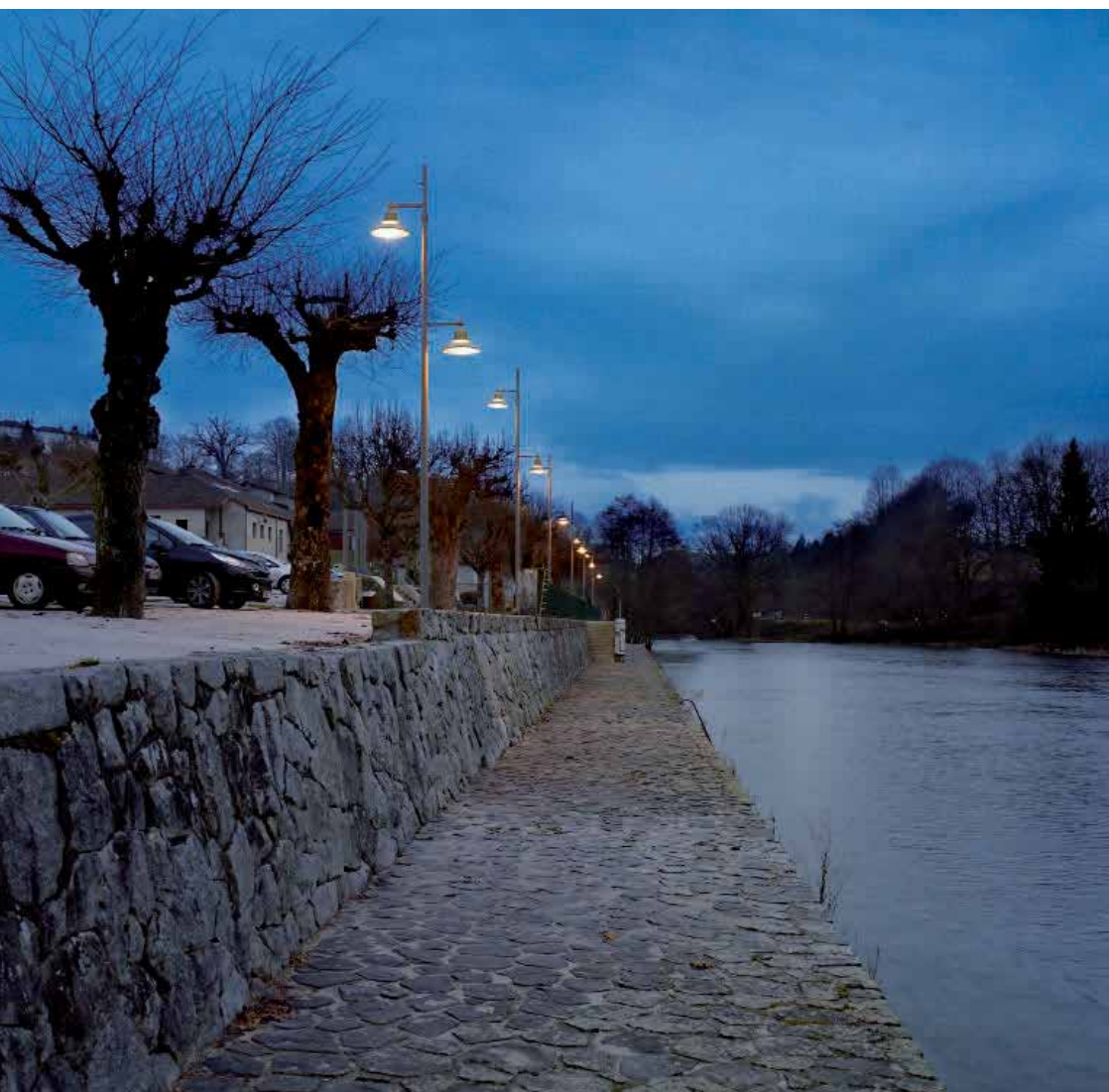
Integral EC electronic converter. CAD-optimised optics for superior illumination and glare control.

Brackets to be ordered separately.

Light source:  
LED 17-24 W, 3000 K and 4000 K

Available distributions:  
[C60]

Accessories:  
■ Mounting, page 228-229  
■ Poles, page 350-361

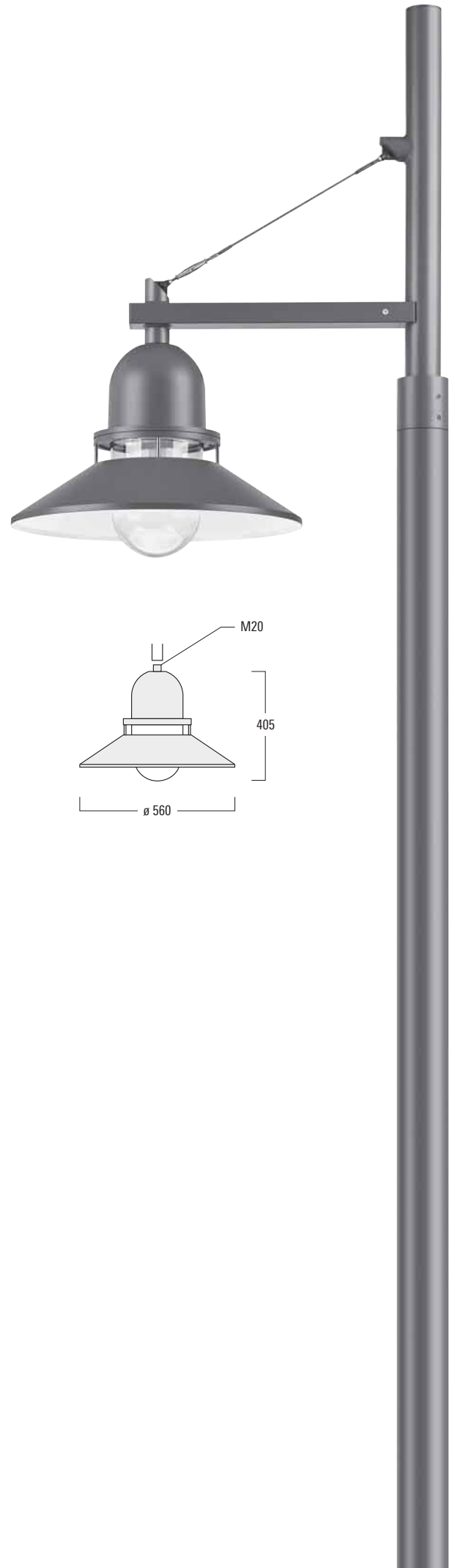


Place du Foiraille. Laroquebrou (F). Lighting design: Semel 15.

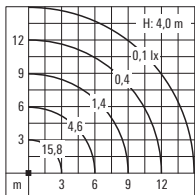


[C60]

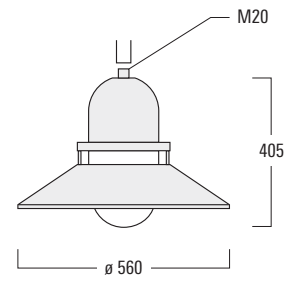
IOS® Innovative Optical System:  
[C60] Controlled symmetric distribution



[C60]		3000 K	lm	Factor*	4000 K	lm	Factor*	kg
AOP534	LED FT 17W/500 mA	127-1260	2890	0.96	127-1261	3010	1.00	7.6
AOP534	LED FT 24W/700 mA	127-1262	3930	1.31	127-1263	4100	1.36	7.6



[C60]



\* Multiplier for isolux values.

## ASP500 SERIES

Pendant luminaire. IP66. IK10. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, grey aluminium RAL 9007 or white RAL 9016. Safety glass lens, hinged. Silicone rubber gaskets.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Brackets to be ordered separately. Bracket/luminaire adaptor complies with AS/NZS1158.6.

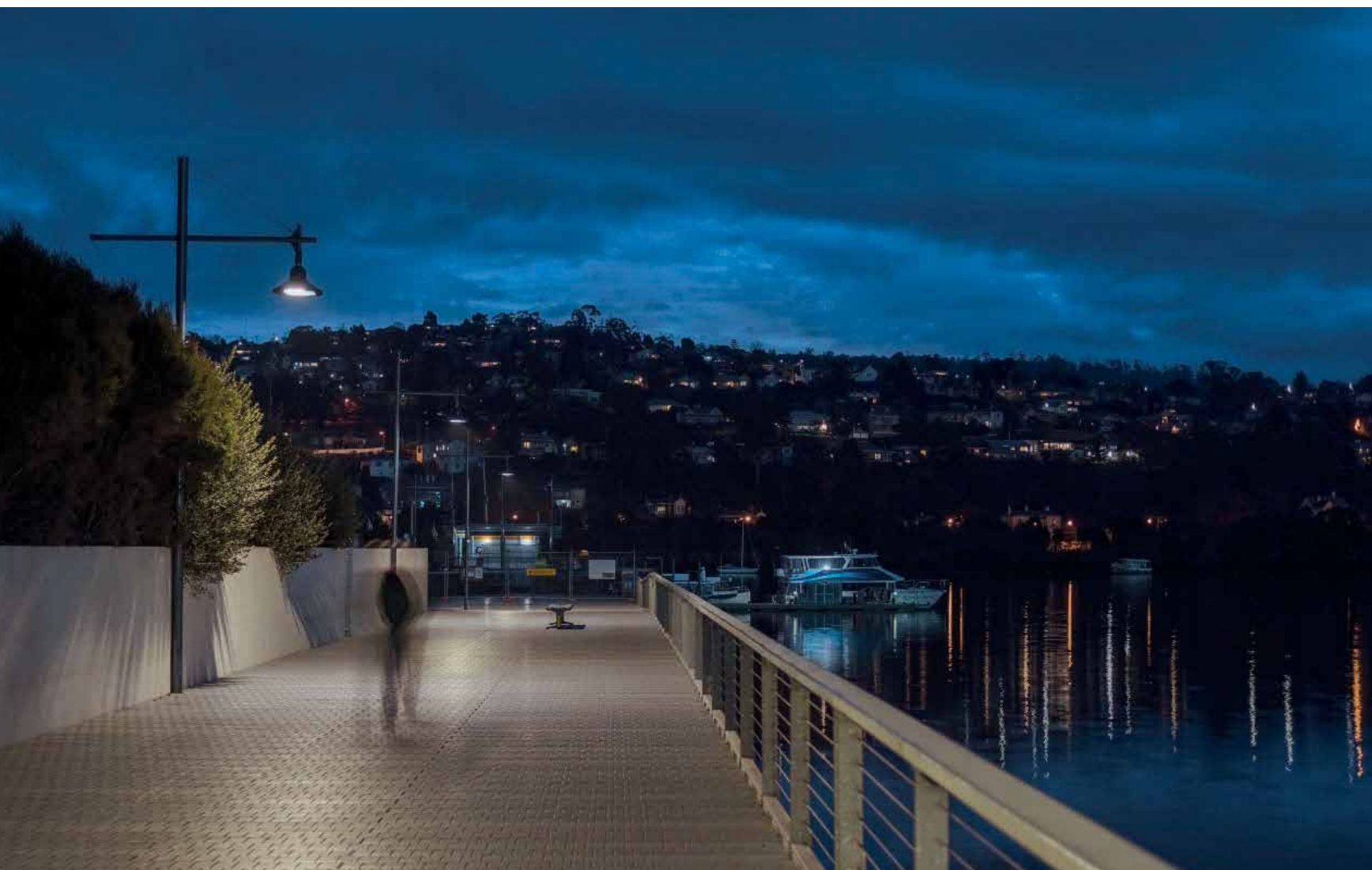
Light source:  
LED 24-72 W, 3000 K and 4000 K

Available distributions:  
[S65] [S70] [R65]

For additional types of light distribution:  
[P65] [S60] [A60], refer to [www.we-ef.com](http://www.we-ef.com)

Accessories:  
■ Mounting, page 228-229  
■ Poles, page 350-361

WE-EF Control and Surge Protection:  
■ Energy-saving options, page 238-241  
■ Enhanced surge protection, page 238



Launceston (AUS).



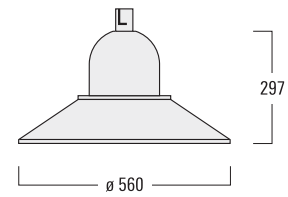
[S65] [S70] [R65]

IOS® Innovative Optical System:

[S65] Streetlighting distribution

[S70] Streetlighting distribution

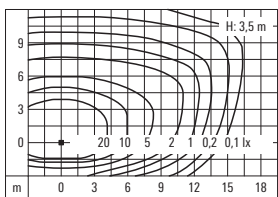
[R65] Rectangular 'forward throw' distribution



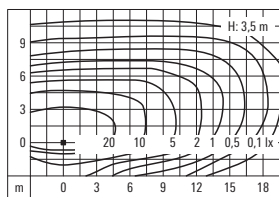
[S65]		3000 K	lm	4000 K	lm	Factor*	kg
ASP530	12 LED 24W/700 mA	127-8314	2951	127-8313	2951	1.00	12.0
ASP530	24 LED 48W/700 mA	127-8316	5903	127-8315	5903	2.00	12.0
ASP530	36 LED 72W/700 mA	127-8318	8854	127-8317	8854	3.00	12.0

[S70]		3000 K	lm	4000 K	lm	Factor*	kg
ASP530	12 LED 24W/700 mA	127-8302	2951	127-8301	2951	1.00	12.0
ASP530	24 LED 48W/700 mA	127-8304	5903	127-8303	5903	2.00	12.0
ASP530	36 LED 72W/700 mA	127-8306	8854	127-8305	8854	3.00	12.0

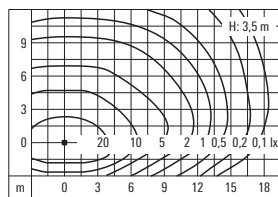
[R65]		3000 K	lm	4000 K	lm	Factor*	kg
ASP530	12 LED 24W/700 mA	127-8320	2951	127-8319	2951	1.00	12.0
ASP530	24 LED 48W/700 mA	127-8322	5903	127-8321	5903	2.00	12.0
ASP530	36 LED 72W/700 mA	127-8324	8854	127-8323	8854	3.00	12.0



[S65]



[S70]



[R65]

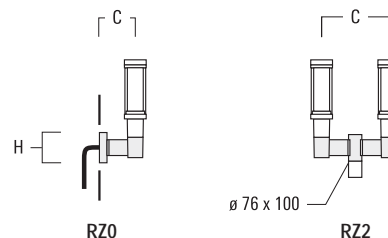
\* Multiplier for isolux values.

## MOUNTING ACCESSORIES – ZFT400/ZA600/ALP500/AOP500/ASP500 SERIES

All mounting accessories are made from marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish to match luminaire.

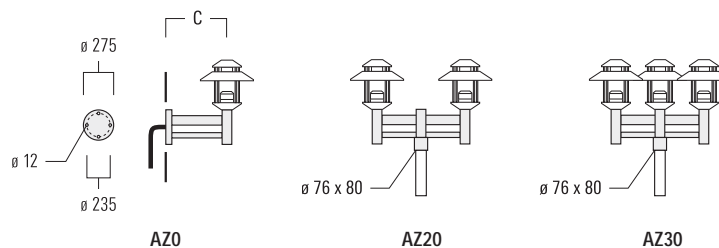
Wall bracket			H	C	kg
RZ0-400	for ZFT400	115-1324	231	277	3.5

Pole bracket			C	kg
RZ2-400	for ZFT400	115-1323	516	4.9



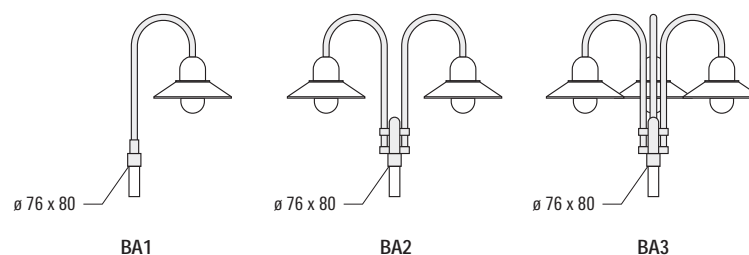
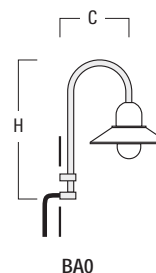
Wall bracket			C	kg
AZ0-300	for ZA630	155-0269	300	3.6
AZ0-400	for ZA640	155-0266	400	4.0

Pole bracket			C	kg
AZ20-300	for ZA630	155-0550	300	6.2
AZ30-300	for ZA630	155-0551	300	8.6
AZ20-400	for ZA640	155-0304	400	7.0
AZ30-400	for ZA640	155-0306	400	9.8



Wall bracket			H	C	kg
BA0-420	for ALP534 AOP534	300-0152	1000	460	2.0
BA0-420*	for ASP530	300-9162	1000	460	2.0

Pole bracket			H	C	kg
BA1-420	for ALP534 AOP534	300-0099	1000	420	4.0
BA2-420	for ALP534 AOP534	300-0104	1000	500	8.0
BA3-420	for ALP534 AOP534	300-0109	1000	500	10.0
BA1-420*	for ASP530	300-9163	1000	420	4.0
BA2-420*	for ASP530	300-9164	1000	500	8.0
BA3-420*	for ASP530	300-9165	1000	500	10.0

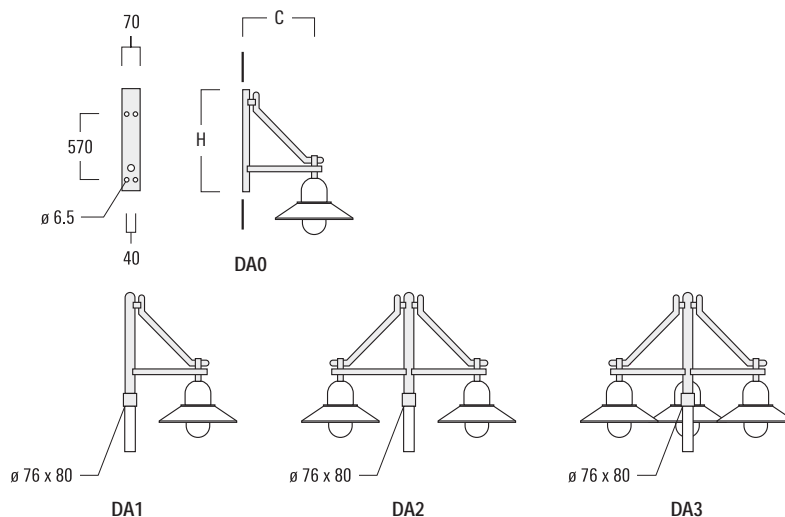




All mounting accessories are made from marine-grade aluminium alloy, 5CE superior corrosion protection including PCS hardware. Powdercoat finish to match luminaire.

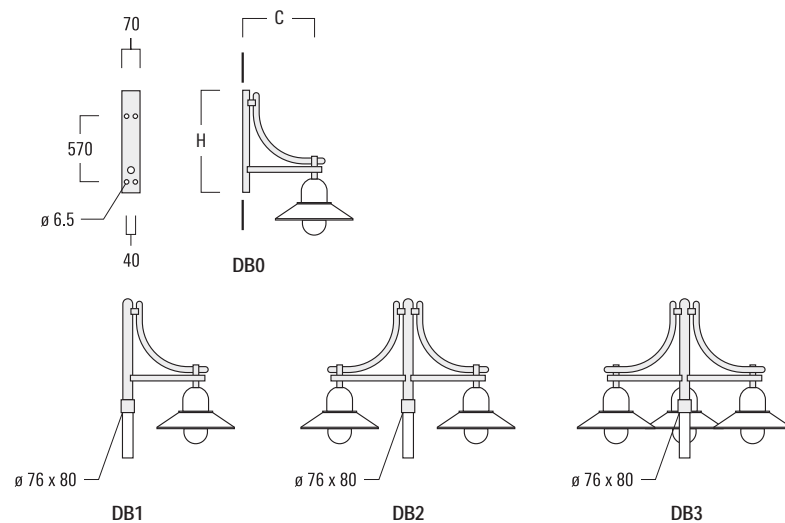
Wall bracket			H	C	kg
DA0-500	for ALP534 AOP534	300-0146	650	510	5.7
DA0-500*	for ASP530	300-9150	650	510	5.7

Pole bracket			H	C	kg
DA1-500	for ALP534 AOP534	300-0138	700	510	5.7
DA2-500	for ALP534 AOP534	300-0141	700	510	8.3
DA3-500	for ALP534 AOP534	300-0144	700	510	10.9
DA1-500*	for ASP530	300-9151	700	510	5.7
DA2-500*	for ASP530	300-9152	700 </td <td>510</td> <td>8.3</td>	510	8.3
DA3-500*	for ASP530	300-9153	700	510	10.9



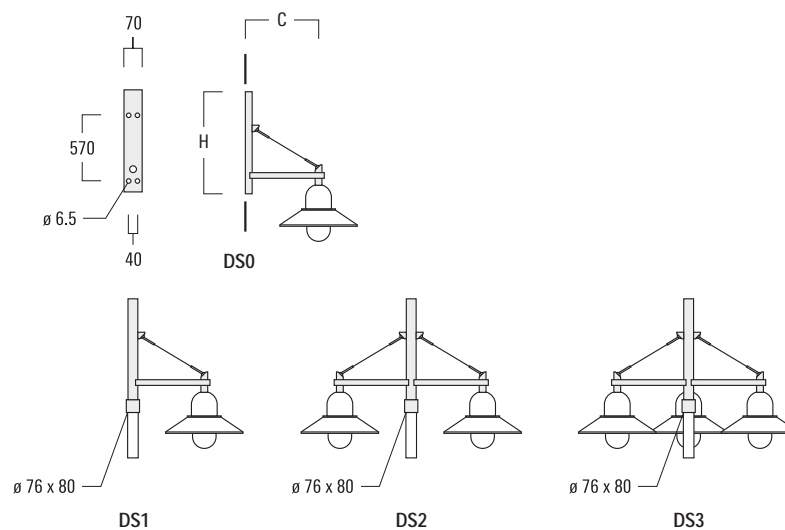
Wall bracket			H	C	kg
DB0-500	for ALP534 AOP534	300-0169	650	510	5.5
DB0-500*	for ASP530	300-9154	650	510	5.5

Pole bracket			H	C	kg
DB1-500	for ALP534 AOP534	300-0190	700	510	5.5
DB2-500	for ALP534 AOP534	300-0191	700	510	7.9
DB3-500	for ALP534 AOP534	300-0192	700	510	10.3
DB1-500*	for ASP530	300-9155	700	510	5.5
DB2-500*	for ASP530	300-9156	700	510	7.9
DB3-500*	for ASP530	300-9157	700	510	10.3



Wall bracket			H	C	kg
DS0-500	for ALP534 AOP534	300-0064	650	510	2.5
DS0-500*	for ASP530	300-9158	650	510	2.5

Pole bracket			H	C	kg
DS1-500	for ALP534 AOP534	300-0063	725	510	3.9
DS2-500	for ALP534 AOP534	300-0066	725	510	5.3
DS3-500	for ALP534 AOP534	300-0069	725	510	6.7
DS1-500*	for ASP530	300-9159	725	510	3.9
DS2-500*	for ASP530	300-9160	725	510	5.3
DS3-500*	for ASP530	300-9161	725	510	6.7



\* Bracket/luminaire adaptor complies with AS/NZS1158.6.

## RBM600 SERIES – HIT

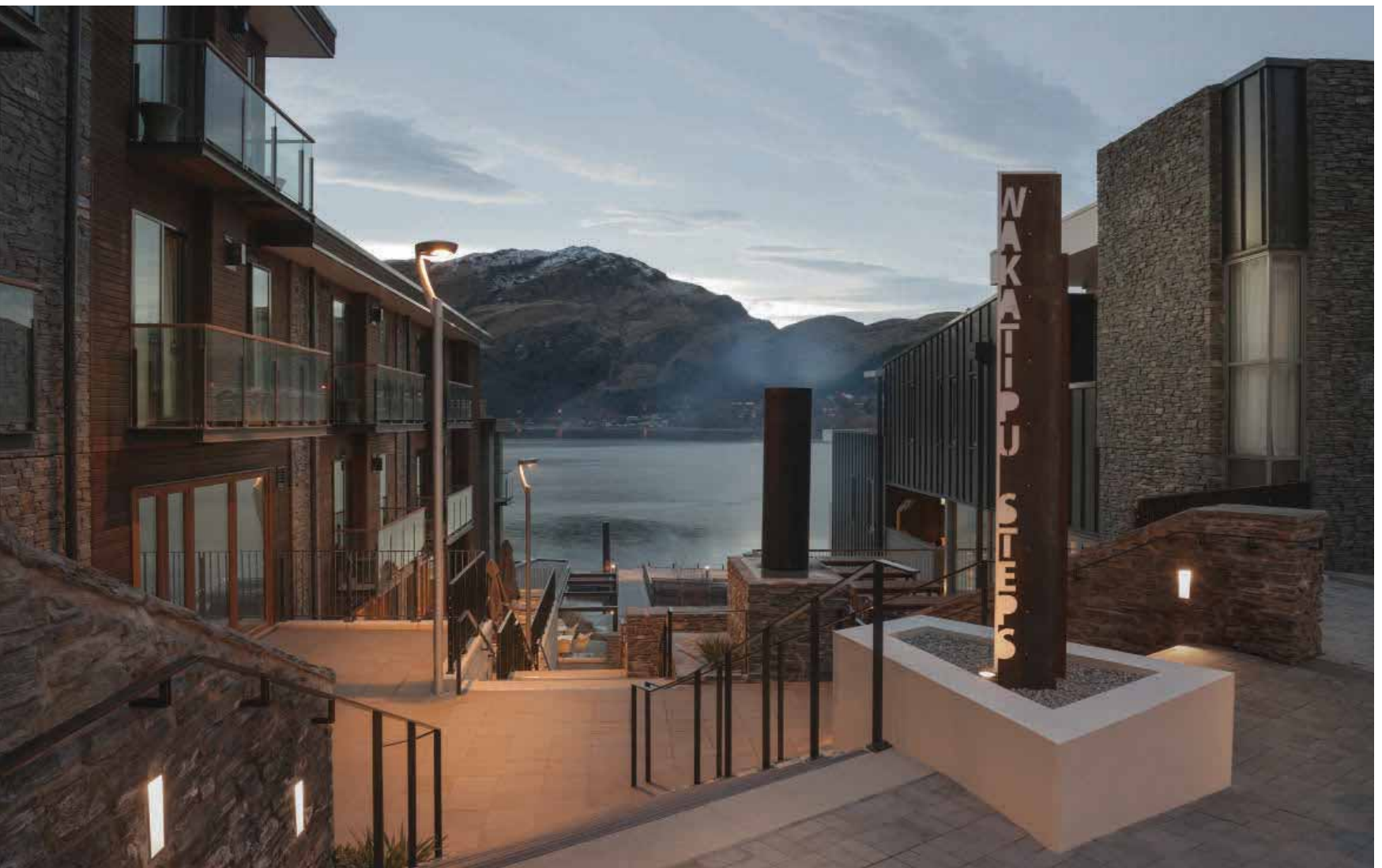
Pole mounted luminaire. IP66. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in Classic Silver, black RAL 9004, grey aluminium RAL 9007 or white RAL 9016. Safety glass lens. Silicone rubber gaskets. Anodised aluminium reflector.

Integral HPF or ECG control gear. LPF versions available on request. 'No tool' maintenance features simplify opening the luminaire as well as replacing lamp and control gear module.

Light source:  
HIT 70-400 W

Available distributions:  
[S60] [A60] [Q]

Accessories:  
■ Optical, refer to [www.we-ef.com](http://www.we-ef.com)  
■ Poles, page 350-361



Kawarau Falls. Queenstown (NZ). Lighting design: Richard Bracebridge, Light Works Limited.



[S60] [A60] [Q]

IOS® Innovative Optical System:

[S60] Streetlighting distribution

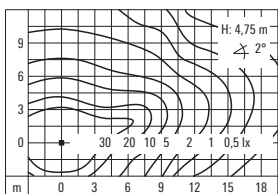
[A60] Asymmetric 'forward throw' distribution

[Q] Square distribution

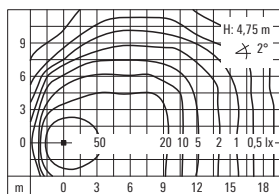
[S60]			lm	Gear	Factor*	kg
RBM640	HIT-CE 70W/G12	105-9096	7300	[HPF]	1.00	19.5
RBM640	HIT-CE 70W/G12	105-9100	7300	[ECG]	1.00	17.6
RBM640	HIT-CE 150W/G12	105-9114	15000	[HPF]	2.05	20.7
RBM640	HIT-CE 150W/G12	105-9118	15000	[ECG]	2.05	18.8
RBM660	HIT-CE 250W/E40	105-9413	26000	[HPF]	3.56	26.0
RBM660	HIT 400W/E40**	105-9423	35000	[HPF]	4.79	28.0

[A60]			lm	Gear	Factor*	kg
RBM640	HIT-CE 70W/G12	105-9204	7300	[HPF]	1.00	19.5
RBM640	HIT-CE 70W/G12	105-9208	7300	[ECG]	1.00	17.6
RBM640	HIT-CE 150W/G12	105-9222	15000	[HPF]	2.05	20.7
RBM640	HIT-CE 150W/G12	105-9226	15000	[ECG]	2.05	18.8
RBM660	HIT-CE 250W/E40	105-9511	26000	[HPF]	3.56	26.0
RBM660	HIT 400W/E40**	105-9521	35000	[HPF]	4.79	28.0

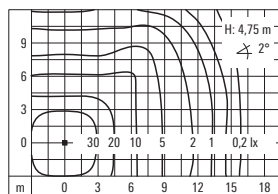
[Q]			lm	Gear	Factor*	kg
RBM640	HIT-CE 70W/G12	105-9304	7300	[HPF]	1.00	19.5
RBM640	HIT-CE 70W/G12	105-9308	7300	[ECG]	1.00	17.6
RBM640	HIT-CE 150W/G12	105-9322	15000	[HPF]	2.05	20.7
RBM640	HIT-CE 150W/G12	105-9326	15000	[ECG]	2.05	18.8



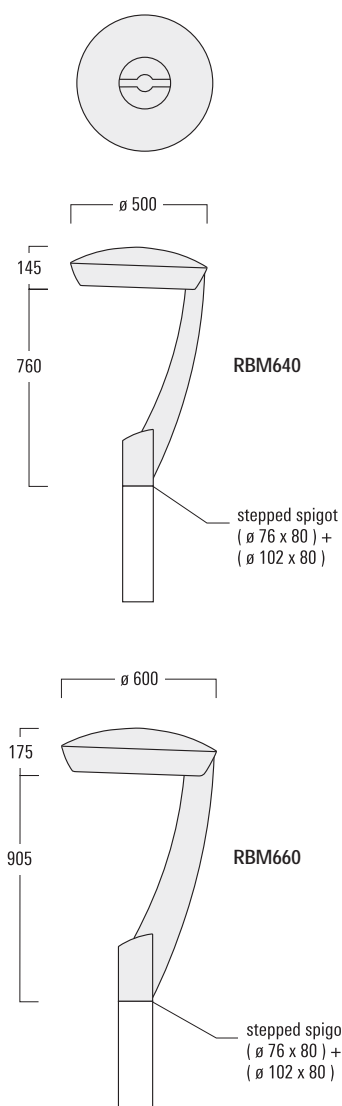
[S60]



[A60]



[Q]



\* Multiplier for isolux values.

\*\* Suitable for Osram HQI-BT 400W/D only, refer to lamp chart page 376.

## RBL600 SERIES – HIT

Pole mounted luminaire. IP66. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in Classic Silver, black RAL 9004, grey aluminium RAL 9007 or white RAL 9016. Safety glass lens. Silicone rubber gaskets. Anodised aluminium reflector.

Integral HPF or ECG control gear. LPF versions available on request. 'No tool' maintenance features simplify opening the luminaire as well as replacing lamp and control gear module.

Light source:  
HIT 70-400 W

Available distributions:  
[S60] [A60]

Accessories:  
■ Mounting, page 233-235  
■ Optical, refer to [www.we-ef.com](http://www.we-ef.com)  
■ Poles, page 350-361





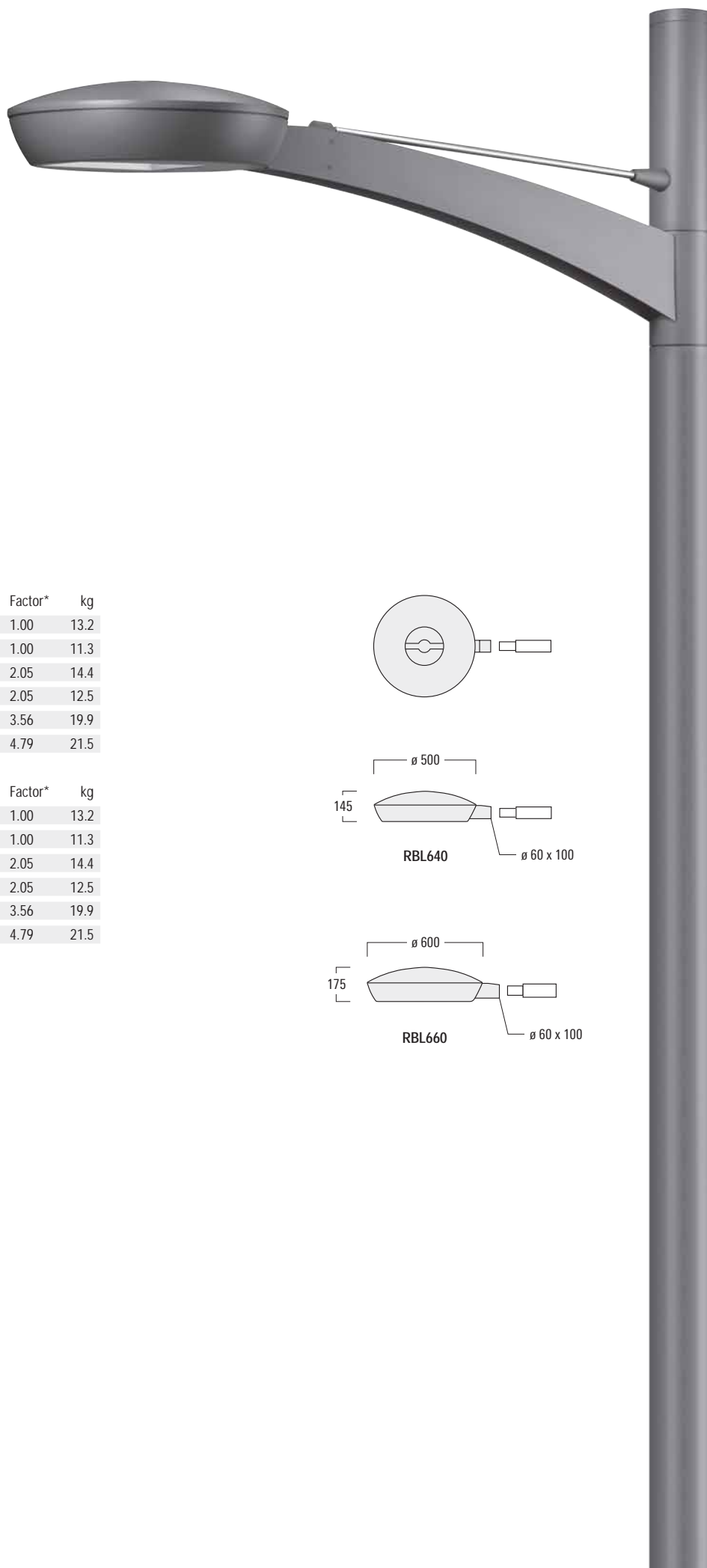
[S60]

[A60]

IOS® Innovative Optical System:

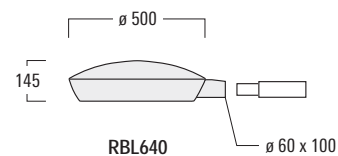
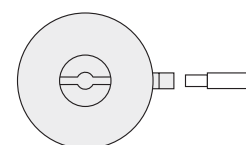
[S60] Streetlighting distribution

[A60] Asymmetric 'forward throw' distribution

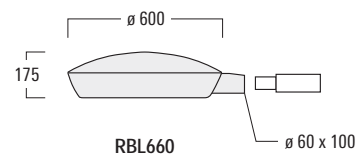


[S60]		lm	Gear	Factor*	kg
RBL640	HIT-CE 70W/G12	106-9616	7300	[HPF]	1.00 13.2
RBL640	HIT-CE 70W/G12	106-9620	7300	[ECG]	1.00 11.3
RBL640	HIT-CE 150W/G12	106-9634	15000	[HPF]	2.05 14.4
RBL640	HIT-CE 150W/G12	106-9638	15000	[ECG]	2.05 12.5
RBL660	HIT-CE 250W/E40	106-6096	26000	[HPF]	3.56 19.9
RBL660	HIT 400W/E40**	106-6106	35000	[HPF]	4.79 21.5

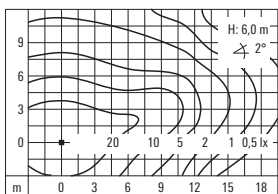
[A60]		lm	Gear	Factor*	kg
RBL640	HIT-CE 70W/G12	106-9724	7300	[HPF]	1.00 13.2
RBL640	HIT-CE 70W/G12	106-9728	7300	[ECG]	1.00 11.3
RBL640	HIT-CE 150W/G12	106-9742	15000	[HPF]	2.05 14.4
RBL640	HIT-CE 150W/G12	106-9746	15000	[ECG]	2.05 12.5
RBL660	HIT-CE 250W/E40	106-6219	26000	[HPF]	3.56 19.9
RBL660	HIT 400W/E40**	106-6229	35000	[HPF]	4.79 21.5



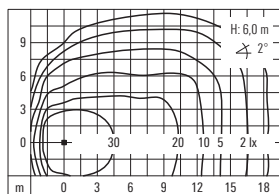
RBL640



RBL660



[S60]



[A60]

\* Multiplier for isolux values.

\*\* Suitable for Osram HQI-BT 400W/D only, refer to lamp chart page 376.

## MOUNTING ACCESSORIES – RBL600 SERIES

All mounting accessories are made from marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish to match luminaire.

Aluminium/wood versions use impregnated hardwood.\*

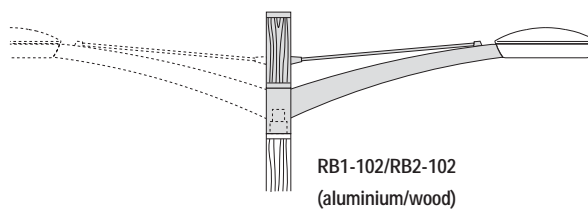
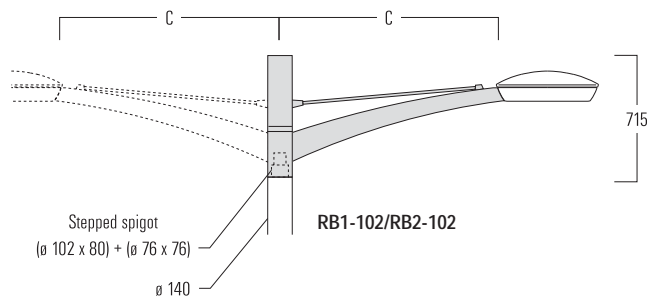
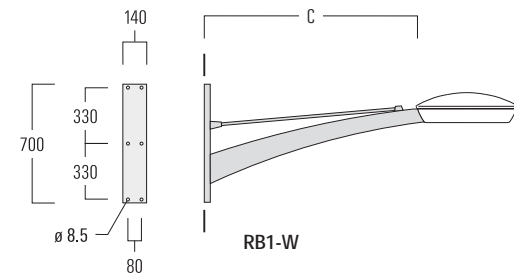
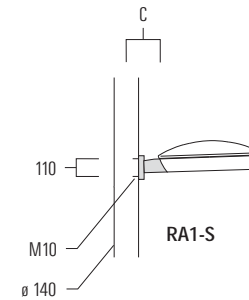
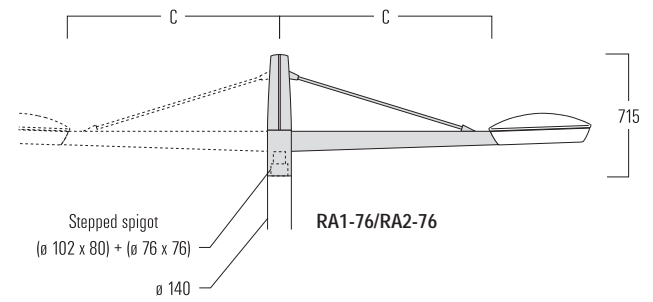
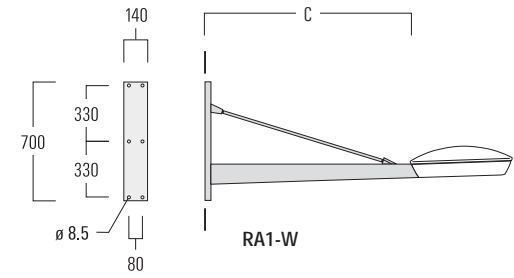
Wall bracket			C	kg
RA1-W	for RBL640	106-9507	1000	6.8
RA1-W	for RBL660	106-7960	1250	7.5
Single bracket			C	kg
RA1-76	for RBL640	106-9501	1000	12.4
RA1-76	for RBL660	106-9511	1300	13.1
Double bracket			C	kg
RA2-76	for RBL640	106-9502	1000	16.7
RA2-76	for RBL660	106-9512	1300	18.2
Short bracket			C	kg
RA1-S	for RBL640/660	106-7959	175	1.1

Wall bracket			C	kg
RB1-W	for RBL640	106-9508	1000	8.3
RB1-W	for RBL660	106-7965	1250	9.7
Single bracket			C	kg
RB1-102	for RBL640	106-9503	1000	13.7
RB1-102	for RBL660	106-9513	1300	15.1

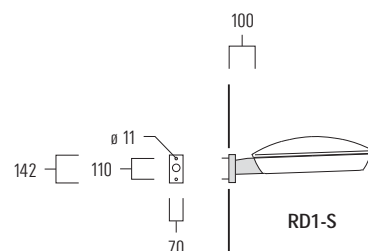
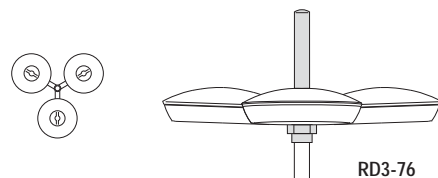
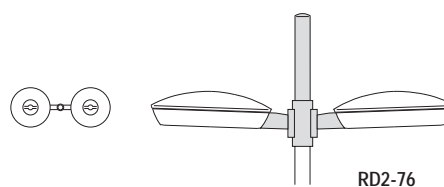
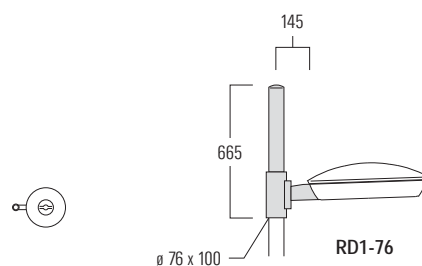
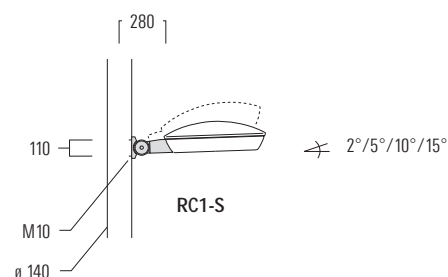
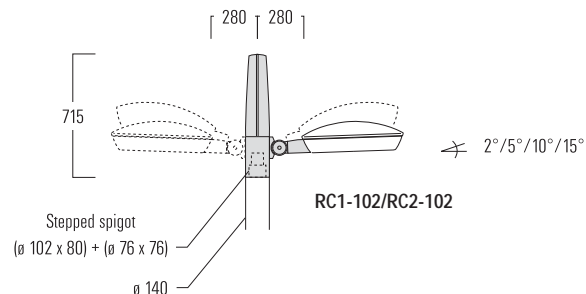
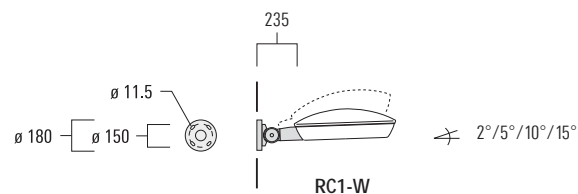
Double bracket			C	kg
RB2-102	for RBL640	106-9504	1000	19.1
RB2-102	for RBL660	106-9514	1300	21.8

Single bracket – Aluminium/wood.			C	kg
RB1-102	for RBL640	106-9505	1000	13.7
RB1-102	for RBL660	106-9515	1300	15.1

Double bracket – Aluminium/wood.			C	kg
RB2-102	for RBL640	106-9506	1000	19.1
RB2-102	for RBL660	106-9516	1300	21.8



All mounting accessories are made from marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware. Powdercoat finish to match luminaire.



Wall bracket			kg
RC1-W	for RBL640/660	106-7971	3.1
Single bracket			kg
RC1-102	for RBL640/660	106-7975	9.3
Double bracket			kg
RC2-102	for RBL640/660	106-7976	10.8
Short bracket			kg
RC1-S	for RBL640/660	106-7972	1.5

Single bracket			kg
RD1-76	for RBL640/660	106-7979	4.6
Double bracket			kg
RD2-76	for RBL640/660	106-7980	5.8
Triple bracket			kg
RD3-76	for RBL640/660	106-7981	6.8
Short bracket			kg
RD1-S	for RBL640/660	106-7978	1.1

## SBL400 SERIES – HIT

Pole mounted luminaire. IP54. IK07. Marine-grade aluminium alloy body. 5CE superior corrosion protection including PCS hardware. Powdercoat finish in black RAL 9004, grey aluminium RAL 9007 or white RAL 9016. Safety glass lens, hinged. Silicone rubber gasket. Anodised aluminium reflector.

Integral HPF control gear in thermally-separated compartment. LPF versions available on request.

Light source:  
HIT 70-400 W

Available distributions:  
[S60] [A60]

Accessories:  
■ Optical, refer to [www.we-ef.com](http://www.we-ef.com)  
■ Poles, page 350-361







[S60]

[A60]

IOS® Innovative Optical System:

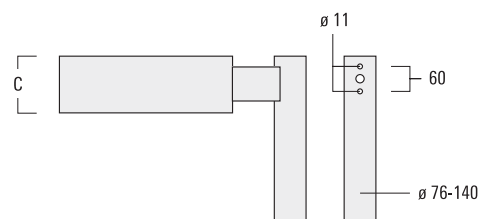
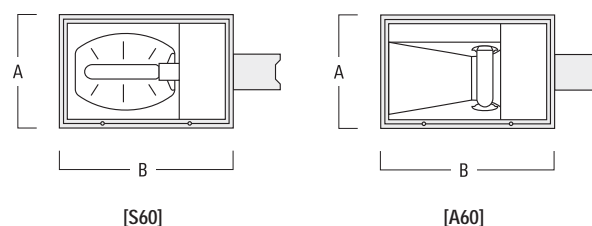
[S60] Streetlighting distribution

[A60] Asymmetric 'forward throw' distribution



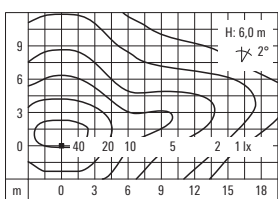
[S60]		lm	Gear	Factor*	kg
SBL440	HIT-CE 70W/E27	138-9131	7000 [HPF]	1.00	8.9
SBL440	HIT-CE 150W/E40	138-9140	14500 [HPF]	2.07	11.8
SBL460	HIT-CE 250W/E40	138-9261	26000 [HPF]	3.71	13.9
SBL460	HIT 400W/E40	138-9264	35000 [HPF]	5.00	16.1

[A60]		lm	Gear	Factor*	kg
SBL440	HIT-CE 70W/E27	138-9165	7000 [HPF]	1.00	8.9
SBL440	HIT-CE 70W/E27	138-9182	7000 [ECG]	1.00	7.8
SBL440	HIT-CE 150W/E40	138-9168	14500 [HPF]	2.07	11.8
SBL440	HIT-CE 150W/E40	138-9186	14500 [ECG]	2.07	9.8
SBL460	HIT-CE 250W/E40	138-9279	26000 [HPF]	3.71	14.5
SBL460	HIT 400W/E40	138-9282	35000 [HPF]	5.00	17.2

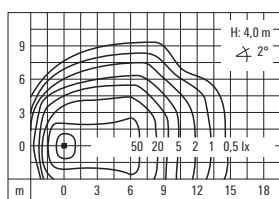


Product Dimensions:

SBL series	A	B	C
SBL440	315	500	160
SBL460	390	620	185



[S60]



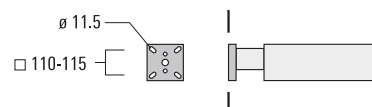
[A60]

Mounting Accessories:

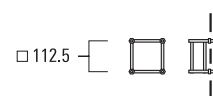
Wall bracket			kg
WS1	for SBL440/460	138-9065	1.0

Wall embedment bracket – For in-concrete anchorage. Made from galvanised steel.			kg
WEB	for WS1 wall bracket	138-9064	0.8

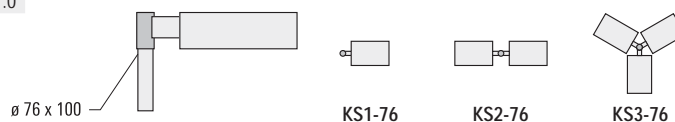
Mounting fitter			kg
KS1-76	for SBL440/460	138-9200	0.8
KS2-76	for SBL440/460	138-9201	0.9
KS3-76	for SBL440/460	138-9202	1.0



WS1



WEB



KS1-76

KS2-76

KS3-76

\* Multiplier for isolux values.

## WE-EF CONTROL AND SURGE PROTECTION

LED lighting installations may be operated in a highly economic and environmentally-friendly manner when the LEDs are dimmed on a time- or activity-controlled basis.

Dimming lowers power consumption, improves lm/W efficacy and increases LED service life.

### WE-EF Control

The four WE-EF Control versions featured here offer professional solutions to a multitude of applications, enabling the operator to minimise cost of ownership while maximising environmental credentials. Contact WE-EF or your local WE-EF representative for an individual solution designed to meet your demands.

### Surge Protection

WE-EF street and area lighting luminaires are fitted with electronic converters featuring high voltage surge protection of either 6, 8 or 10 kV – in all cases exceeding the requirements of EN61000-4-5. For luminaires rated at less than 10 kV, when installed in high-risk areas, the optional SP10 (10/10 kV) surge protection accessory is recommended.\*

For comprehensive protection of a luminaire installation against lightning and electrical surges, it is essential to also cover mains supply and data input lines at the distribution board level, by using respective primary (Type 1) and secondary (Type 2) surge arrestors in compliance with EN61643-11/IEC61643-1.

### WE-EF Control

Basic	430-0001
Motion	430-0010
Advanced	430-0002
Dynamic	430-0003

### Enhanced surge protection

SP10 (10/10 kV)	105-9860
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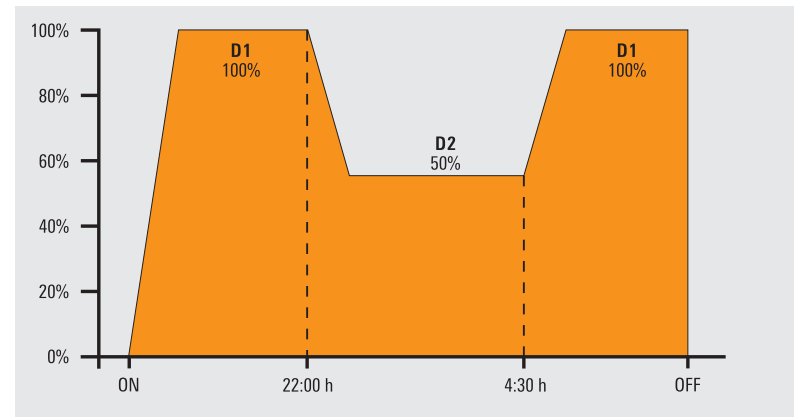


### Basic

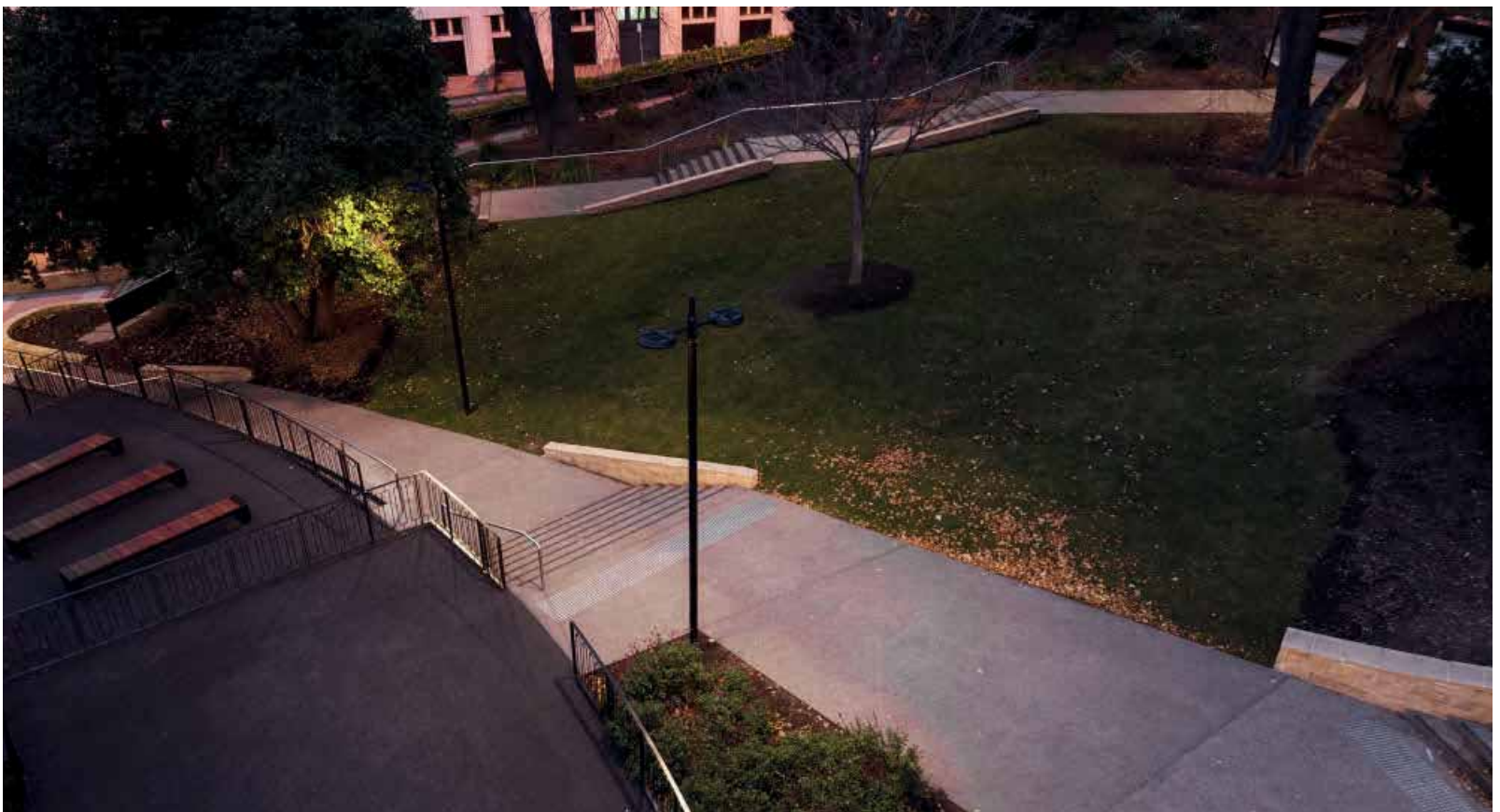
By activating an integral electronic control switch, both power consumption and luminous flux are reduced to a pre-programmed level. Factory programmed setting: Power consumption is reduced to 45 per cent, luminous flux to 50 per cent. Other settings available on request. Requires dedicated control line (in addition to standard mains supply lines).

### Motion

Triggered by a movement sensor, an integral, pre-programmed electronic controller raises the luminaire's power and light output to 100 per cent. After five minutes of non-movement, power consumption is reduced to 45 per cent, luminous flux to 50 per cent. Other settings on request. Requires movement sensor in external housing – mounted on pole or separate structure – as well as dedicated control line (in addition to standard mains supply lines).

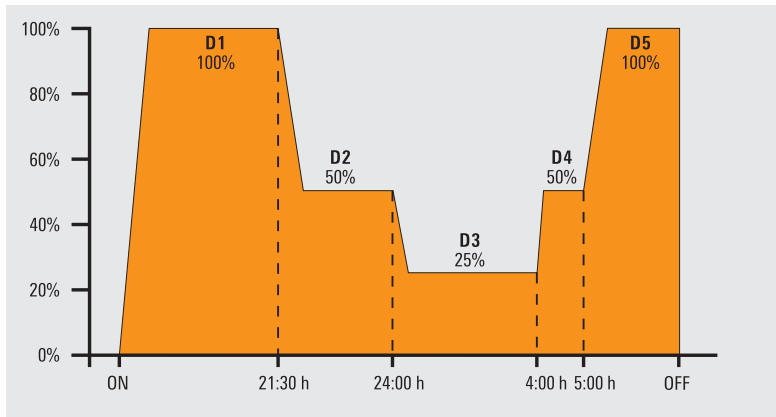


WE-EF Control Basic. This system has been designed to operate during the time between 'on' and 'off' as defined by the user (for example, employing a time clock or a photocell). 50 per cent dimming (D2) during low volume traffic hours is activated/de-activated via a dedicated control line.

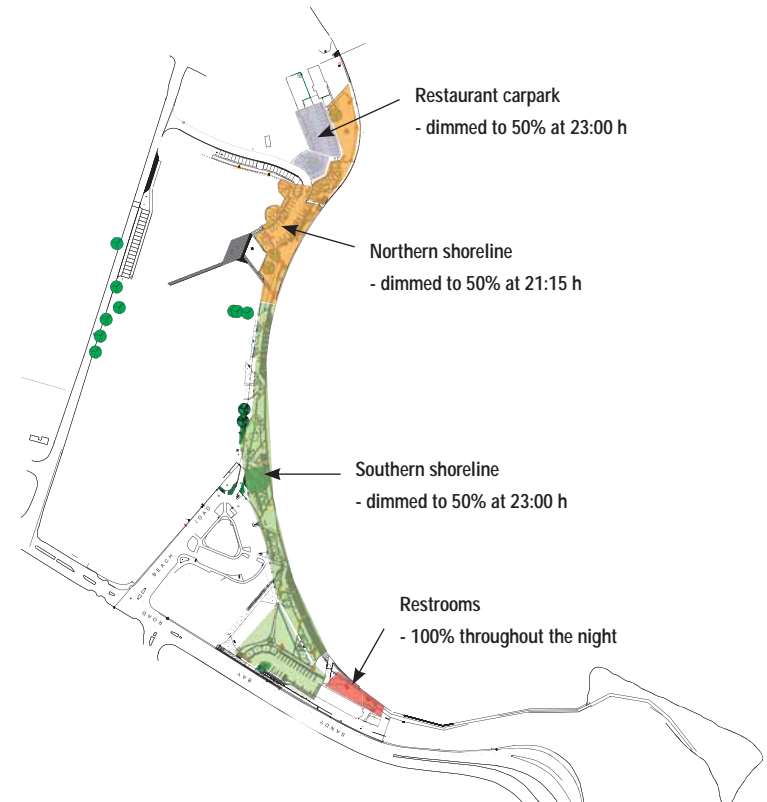


## Advanced

An integral, pre-programmed electronic controller activates a maximum of five different dimming levels covering five consecutive periods. Factory programmed settings: As per agreement. Luminaires are operated in stand-alone mode and can be individually reprogrammed on site by means of an optional, hand-held programmer. No dedicated control line required.

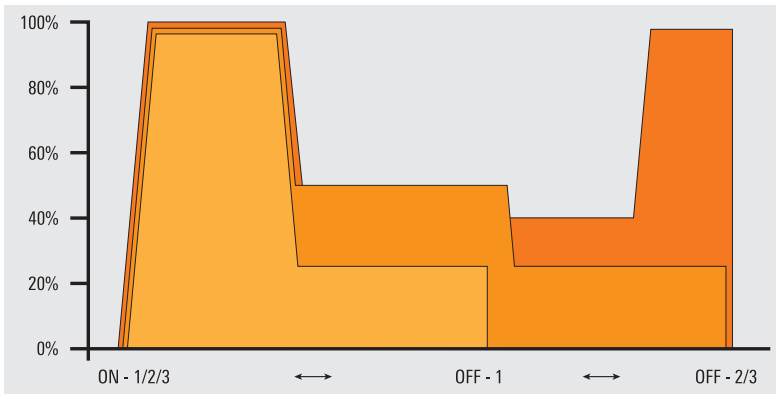


WE-EF Control Advanced. This system has been designed to operate during the time between 'on' and 'off' as defined by the user (for example, employing a time clock or a photocell). Up to five different dimming levels (D1-D5) can be individually programmed, for a maximum of five consecutive periods.



## Dynamic

Intelligent lighting control and monitoring system. Bi-directional communication between luminaires and central data controller. Individual and groups of luminaires can both be programmed for routine and special event operations as well as automatic adjustment to external factors such as ambient illuminance. Features automatic failure alerts as well as monitoring of operational data such as voltage, current, power factor, power consumption, operating hours, temperature, etc. No dedicated control line required.



WE-EF Control Dynamic. This system has been designed for the flexible management of both simple and complex lighting installations. It allows for independent programming of both individual and multiple luminaires, on a routine or special event basis, as well as remote management through operational data feedback, alerts etc.



**WE-EF LEUCHTEN**

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