



Description

IP66, Class I or Class II. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. CCG® Controlled Compression Gasket. Non-reflective flat safety glass cover, hinged. Integral EC electronic converter. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. The luminaire is factory-sealed and does not need to be opened during installation. Can be used as post top or side entry version. Specification at time of order is recommended.

Spigot Ø 76 x 100 mm. Spigot Ø 60 x 100 mm or 42 x 100 mm option available. Must be indicated during order placement.

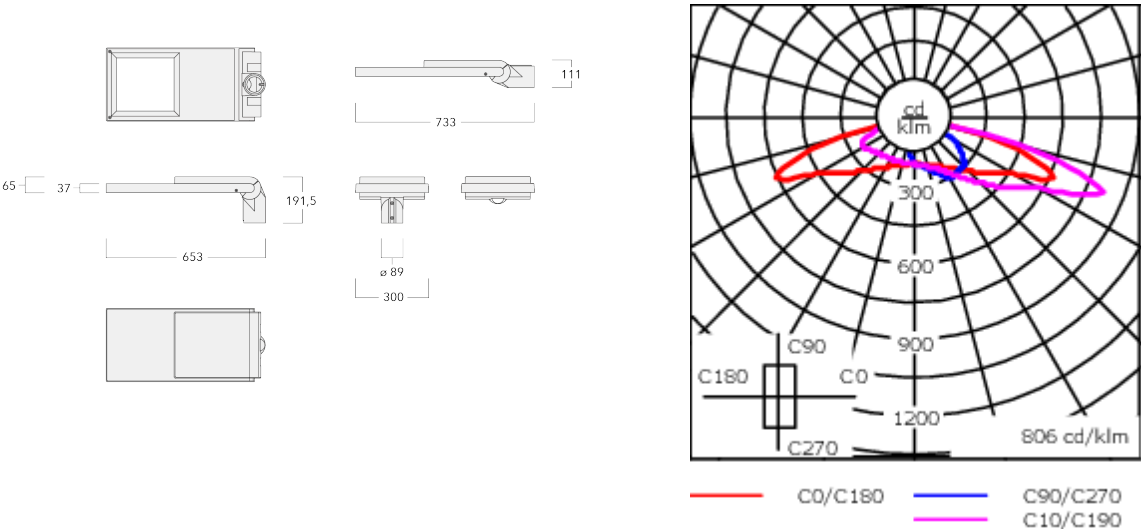
Contact WE-EF direct or your local WE-EF sales representative for an individual solution designed to precisely meet your needs.

Photometric files (IES, LDT) for light distributions [S61] [S65] [S66] [S70] [R60] [R61] [P66] [Q66] [A61] with Backlight Shield on request.

Weight	8.6 kg
Light distribution	asymmetric, side throw [S70]
Light source	LED-48/48W / 350 mA - 2200 K
CRI	70
Power supply	EC
LEDs	48
Rated input power	52 W

Nominal Lumen (lm)	
LED Lumen	145
Total Lumen	6960
Tj	85

Rated lumens (lm)	
LED Lumen	137.5
Total Lumen	6600.9
Ta	25



Specifications
Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Non-reflective safety glass lens
Colours	<div><div></div> RAL9004 Signal black</div> <div><div></div> RAL9006 White aluminium</div> <div><div></div> RAL9007 Grey aluminium</div>
Gasket	CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE+Primer
Windage	0.1956 m ²

Electrical description

Driver / Ballast	Integral EC electronic converter. DALI
Power factor	> 0.9
Surge protection	In-pole surge protection SP10 device supplied. Please refer to WE-EF installation instructions for details. Use suffix +A for Integral surge protection.

Additional information

Lifetime	Ta=40° L90B10 > 90000h
----------	------------------------

102-0164

AFL130 LED

we-ef

Control

Eco Step Dim® Advanced

Description	Part ID
Eco Step Dim® Advanced LED	430-0002

R2C Ready to Connect

Description	Part ID
R2C Ready to Connect (top)	430-0019
R2C Ready to Connect (below)	430-0027
R2C Ready to Connect (top and below)	430-0032

WE-EF LIGHTING Pty Ltd

47 Tarnard Drive, 3195 Braeside, Victoria - Phone: +61 3 8587 0444 - Fax: +61 3 8587 0499

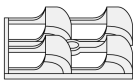
info.australia@we-ef.com - <https://we-ef.com/aus>

Subject to technical changes and errors. - Generated on 14/08/2025

Optical Accessories

Backlight shield

Description	Part ID	Additional information
Backlight shield LS180	102-0959-48LED	Glare Shield for backlight spill. Suitable for [S65] [R60] lenses. Glare Shield factory-installed or available as retrofit kit. Must be specified at time of ordering.



102-0164

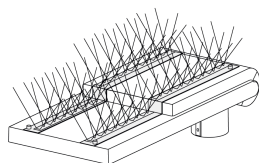
AFL130 LED

we-ef

Mounting Accessories

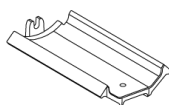
Bird deterrent

Description	Part ID
Bird deterrent BD	430-0015



Adaptor

Description	Part ID
Adaptor AFL100	102-0392



WE-EF LIGHTING Pty Ltd

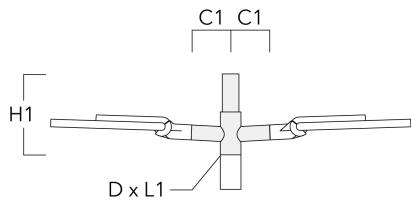
47 Tarnard Drive, 3195 Braeside, Victoria - Phone: +61 3 8587 0444 - Fax: +61 3 8587 0499

info.australia@we-ef.com - <https://we-ef.com/aus>

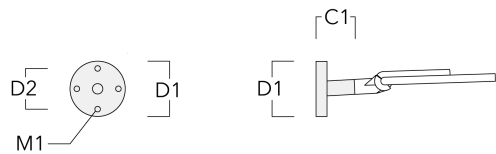
Subject to technical changes and errors. - Generated on 14/08/2025

Wall and pole brackets RE

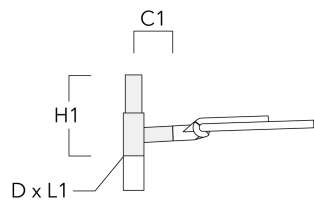
Description	Part ID	C1	D1	D2	D × L1	H1	M1	Weight (kg)
RE2-540 Pole bracket, double	111-0043	200			76 x 130	550		5.30



RE0-540 Wall bracket	111-0084	180	230	195		12	3.20	
----------------------	----------	-----	-----	-----	--	----	------	--

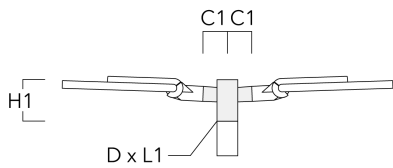


Description	Part ID	C1	D1	D2	D × L1	H1	M1	Weight (kg)
RE1-540 Pole bracket, single	111-0042	200			76 x 130	500		4.60

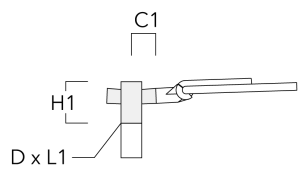


Pole brackets RF

Description	Part ID	C1	D × L1	H1	Weight (kg)
RF2-540 Pole bracket, double	111-0047	200	76 x 80	200	3.30

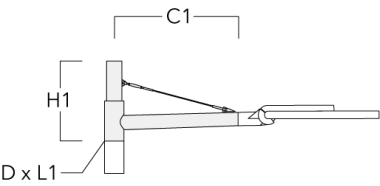


Description	Part ID	C1	D × L1	H1	Weight (kg)
RF1-540 Pole bracket, single	111-0046	200	76 x 80	200	2.60



Wall and pole brackets RX

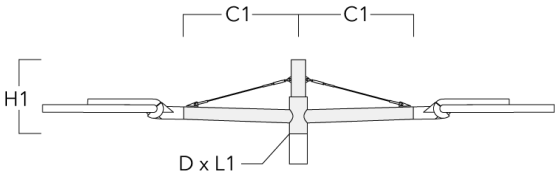
Description	Part ID	C1	D1	D2	D × L1	H1	H2	M1	M2	Weight (kg)
RX1-540 Pole bracket, single	111-0054	1000			76 x 130	550				6.8



102-0164

AFL130 LED

Description	Part ID	C1	D1	D2	D × L1	H1	H2	M1	M2	Weight (kg)
RX2-540 Pole bracket, double	111-0055	1000			76 x 130	550				9.70



RX0-540 Wall bracket	111-0086	1000	140	100		450	385	30	12	5.20
----------------------	----------	------	-----	-----	--	-----	-----	----	----	------

