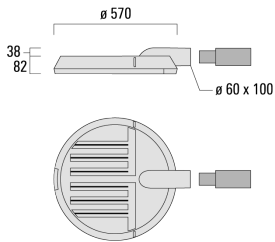


RFL540-SE LED

Pole mounted

we-ef



Description

IP66, Class I. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection + primer including PCS hardware. Silicone CCG® Controlled Compression Gasket. Non-reflecting safety glass lens, hinged with safety switch. Integral EC electronic converter in thermally separated compartment. DALI. 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.

Variant with 2200 K or as 'Wild-Light' 2200 K combined with 3000 K with Eco Step Dim® Advanced or Motion available on request, must be specified at time of ordering.

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

A professional lighting design in consultation with the relevant sections of AS/NZS-1158.4:2015 is essential for all applications with the [P45] lens.




WE-EF LIGHTING Pty Ltd

6/13 Downard Street, 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 23/11/2024

Pole mounted**Specifications****Material description**

Body	Marine-grade, die-cast aluminium alloy
Lens	Non-reflecting safety glass lens, hinged
Colours	 RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware (unpainted)
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE+Primer
Windage	0.255 m ²

Electrical description

Power supply	230V / 50 Hz
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
Warranty	The product is supplied with 10-year warranty. Please refer to the LED Warranty Statement located on www.we-ef.com for further details.

RFL540-SE LED

Pole mounted

we-ef

Options

Light distribution



asymmetric, side throw [S60]



asymmetric, side throw [S70]



asymmetric, forward throw [A60]



asymmetric, side throw [S65]



rectangular, side throw [R65]



pedestrian crossing, left-hand traffic [P45L]



pedestrian crossing, right-hand traffic [P45R]

Colour temperature



3000 K



4000 K



2700 K

Nominal Watt

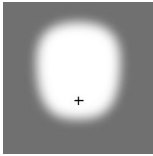
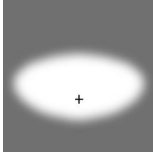
12 W

92 W

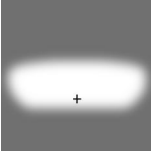
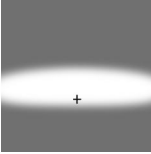
48 W

62 W

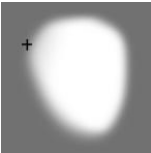
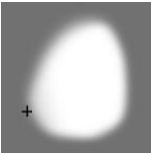
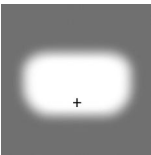
Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, forward throw [A60] 	111-0283	LED-36/72W / 700 mA - 3000 K	8675.2	79 W	80	15.00
	111-0285	LED-48/96W / 700 mA - 3000 K	11566.9	105.5 W	80	15.00
	111-0357	LED-36/72W / 700 mA - 4000 K	9273.5	79 W	80	15.00
	111-0359	LED-48/96W / 700 mA - 4000 K	12364.6	105.5 W	80	15.00
	111-0428	LED-36/36W / 350 mA - 4000 K	5353.1	39 W	80	15.00
	111-0429	LED-48/48W / 350 mA - 4000 K	7137.5	52 W	80	15.00
	111-0491	LED-36/36W / 350 mA - 3000 K	4880.8	39 W	80	15.00
	111-0493	LED-48/48W / 350 mA - 3000 K	6507.7	52 W	80	15.00
	111-0920	LED-36/108W / 1050 mA - 3000 K	13770.7	119 W	80	15.00
	111-0921	LED-36/108W / 1050 mA - 4000 K	14411.2	119 W	80	15.00
	111-0930	LED-48/144W / 1050 mA - 3000 K	18361	159 W	80	15.00
	111-0931	LED-48/144W / 1050 mA - 4000 K	19215	159 W	80	15.00
	111-1080	LED-36/36W / 350 mA - 2700 K	4565.9	39 W	80	15.00
	111-1081	LED-36/72W / 700 mA - 2700 K	8076.9	79 W	80	15.00
	111-1082	LED-36/108W / 1050 mA - 2700 K	13130.2	119 W	80	15.00
	111-1083	LED-48/48W / 350 mA - 2700 K	6087.8	52 W	80	15.00
	111-1084	LED-48/96W / 700 mA - 2700 K	10769.2	105.5 W	80	15.00
	111-1085	LED-48/144W / 1050 mA - 2700 K	17507	159 W	80	15.00
	asymmetric, side throw [S60] 	111-0188	LED-48/96W / 700 mA - 3000 K	12507.7	105.5 W	80
111-0190		LED-36/72W / 700 mA - 3000 K	9380.8	79 W	80	15.00
111-0341		LED-36/72W / 700 mA - 4000 K	10027.7	79 W	80	15.00
111-0343		LED-48/96W / 700 mA - 4000 K	13370.3	105.5 W	80	15.00
111-0420		LED-36/36W / 350 mA - 4000 K	5673	39 W	80	15.00
111-0421		LED-48/48W / 350 mA - 4000 K	7563.9	52 W	80	15.00
111-0475		LED-36/36W / 350 mA - 3000 K	5172.4	39 W	80	15.00
111-0477		LED-48/48W / 350 mA - 3000 K	6896.5	52 W	80	15.00
111-0924		LED-36/108W / 1050 mA - 3000 K	14351.5	119 W	80	15.00
111-0925		LED-36/108W / 1050 mA - 4000 K	15019.1	119 W	80	15.00
111-0934		LED-48/144W / 1050 mA - 3000 K	19135.4	159 W	80	15.00
111-0935		LED-48/144W / 1050 mA - 4000 K	20025.4	159 W	80	15.00
111-1056		LED-36/36W / 350 mA - 2700 K	4838.7	39 W	80	15.00
111-1057		LED-36/72W / 700 mA - 2700 K	8733.8	79 W	80	15.00
111-1058		LED-36/108W / 1050 mA - 2700 K	13684	119 W	80	15.00
111-1059		LED-48/48W / 350 mA - 2700 K	6451.6	52 W	80	15.00
111-1060		LED-48/96W / 700 mA - 2700 K	11645.1	105.5 W	80	15.00

Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, side throw [S65] 	111-1061	LED-48/144W / 1050 mA - 2700 K	18245.4	159 W	80	15.00
	111-0422	LED-36/36W / 350 mA - 4000 K	5679.2	39 W	80	15.00
	111-0422-70	LED-36/36W / 350 mA - 4000 K	6347.4	39 W	70	15.00
	111-0423	LED-36/72W / 700 mA - 4000 K	10044.1	79 W	80	15.00
	111-0424	LED-48/48W / 350 mA - 4000 K	7572.3	52 W	80	15.00
	111-0425	LED-48/96W / 700 mA - 4000 K	13392.2	105.5 W	80	15.00
	111-0479	LED-36/36W / 350 mA - 3000 K	5178.1	39 W	80	15.00
	111-0479-70	LED-36/36W / 350 mA - 3000 K	6013.3	39 W	70	15.00
	111-0481	LED-36/72W / 700 mA - 3000 K	9396.1	79 W	80	15.00
	111-0483	LED-48/48W / 350 mA - 3000 K	6904.2	52 W	80	15.00
	111-0485	LED-48/96W / 700 mA - 3000 K	12528.2	105.5 W	80	15.00
	111-0926	LED-36/108W / 1050 mA - 3000 K	14417	119 W	80	15.00
	111-0927	LED-36/108W / 1050 mA - 4000 K	15087.5	119 W	80	15.00
	111-0936	LED-48/144W / 1050 mA - 3000 K	19222.6	159 W	80	15.00
	111-0937	LED-48/144W / 1050 mA - 4000 K	20116.7	159 W	80	15.00
	111-1062	LED-36/36W / 350 mA - 2700 K	4844.1	39 W	80	15.00
	111-1063	LED-36/72W / 700 mA - 2700 K	8748.1	79 W	80	15.00
	111-1064	LED-36/108W / 1050 mA - 2700 K	13746.4	119 W	80	15.00
	111-1065	LED-48/48W / 350 mA - 2700 K	6458.8	52 W	80	15.00
	111-1066	LED-48/96W / 700 mA - 2700 K	11664.1	105.5 W	80	15.00
111-1067	LED-48/144W / 1050 mA - 2700 K	18328.6	159 W	80	15.00	
asymmetric, side throw [S70] 	111-0218	LED-48/96W / 700 mA - 3000 K	11936.2	105.5 W	80	15.00
	111-0228	LED-36/72W / 700 mA - 3000 K	8952.2	79 W	80	15.00
	111-0349	LED-36/72W / 700 mA - 4000 K	9569.6	79 W	80	15.00
	111-0351	LED-48/96W / 700 mA - 4000 K	12759.4	105.5 W	80	15.00
	111-0426	LED-36/36W / 350 mA - 4000 K	5510.1	39 W	80	15.00
	111-0427	LED-48/48W / 350 mA - 4000 K	7346.8	52 W	80	15.00
	111-0487	LED-36/36W / 350 mA - 3000 K	5023.9	39 W	80	15.00
	111-0489	LED-48/48W / 350 mA - 3000 K	6698.6	52 W	80	15.00
	111-0928	LED-36/108W / 1050 mA - 3000 K	13815.4	119 W	80	15.00
	111-0929	LED-36/108W / 1050 mA - 4000 K	14458	119 W	80	15.00
	111-0938	LED-48/144W / 1050 mA - 3000 K	18420.5	159 W	80	15.00
	111-0939	LED-48/144W / 1050 mA - 4000 K	19277.3	159 W	80	15.00
	111-1068	LED-36/36W / 350 mA - 2700 K	4699.8	39 W	80	15.00
	111-1069	LED-36/72W / 700 mA - 2700 K	8334.8	79 W	80	15.00
	111-1070	LED-36/108W / 1050 mA - 2700 K	13172.8	119 W	80	15.00

Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	111-1071	LED-48/48W / 350 mA - 2700 K	6266.4	52 W	80	15.00
	111-1072	LED-48/96W / 700 mA - 2700 K	11113.1	105.5 W	80	15.00
	111-1073	LED-48/144W / 1050 mA - 2700 K	17563.7	159 W	80	15.00
pedestrian crossing, left-hand traffic [P45L] 	111-0888	LED-36/72W / 700 mA - 3000 K	8904.7	79 W	80	15.00
	111-0889	LED-36/72W / 700 mA - 4000 K	9518.8	79 W	80	15.00
	111-0892	LED-48/96W / 700 mA - 3000 K	11872.9	105.5 W	80	15.00
	111-0893	LED-48/96W / 700 mA - 4000 K	12691.8	105.5 W	80	15.00
pedestrian crossing, right-hand traffic [P45R] 	111-0890	LED-36/72W / 700 mA - 3000 K	8765.7	79 W	80	15.00
	111-0891	LED-36/72W / 700 mA - 4000 K	9370.3	79 W	80	15.00
	111-0894	LED-48/96W / 700 mA - 3000 K	11687.6	105.5 W	80	15.00
	111-0895	LED-48/96W / 700 mA - 4000 K	12493.7	105.5 W	80	15.00
	111-1086	LED-36/72W / 700 mA - 2700 K	8161.2	79 W	80	15.00
	111-1087	LED-48/96W / 700 mA - 2700 K	10881.6	105.5 W	80	15.00
rectangular, side throw [R65] 	111-0430	LED-36/36W / 350 mA - 4000 K	5341.8	39 W	80	15.00
	111-0431	LED-36/72W / 700 mA - 4000 K	9252.8	79 W	80	15.00
	111-0432	LED-48/48W / 350 mA - 4000 K	7122.4	52 W	80	15.00
	111-0433	LED-48/96W / 700 mA - 4000 K	12337.1	105.5 W	80	15.00
	111-0495	LED-36/36W / 350 mA - 3000 K	4870.5	39 W	80	15.00
	111-0497	LED-36/72W / 700 mA - 3000 K	8655.9	79 W	80	15.00
	111-0499	LED-48/48W / 350 mA - 3000 K	6494	52 W	80	15.00
	111-0499	LED-48/48W / 350 mA - 2700 K	6075	52 W	80	15.00
	111-0501	LED-48/96W / 700 mA - 3000 K	11541.2	105.5 W	80	15.00
	111-0922	LED-36/108W / 1050 mA - 3000 K	13586.1	119 W	80	15.00
	111-0923	LED-36/108W / 1050 mA - 4000 K	14218	119 W	80	15.00
	111-0932	LED-48/144W / 1050 mA - 3000 K	18114.8	159 W	80	15.00
	111-0933	LED-48/144W / 1050 mA - 4000 K	18957.3	159 W	80	15.00
	111-1074	LED-36/36W / 350 mA - 2700 K	4556.3	39 W	80	15.00
	111-1075	LED-36/72W / 700 mA - 2700 K	8058.9	79 W	80	15.00
	111-1076	LED-36/108W / 1050 mA - 2700 K	12954.2	119 W	80	15.00
111-1078	LED-48/96W / 700 mA - 2700 K	10745.2	105.5 W	80	15.00	
111-1079	LED-48/144W / 1050 mA - 2700 K	17272.2	159 W	80	15.00	

Pole mounted**Control****Eco Step Dim® Basic**

Description	Part ID
Eco Step Dim® Basic LED	430-0001

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

Wild-Light Eco Step Dim® Advanced

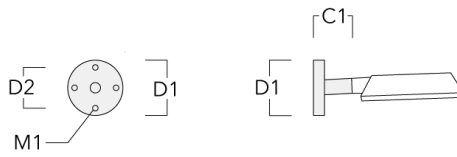
Description	Part ID	Additional information
Wild-Light Eco Step Dim® Advanced	430-0034	Fully automatic independent dimming pre-set, without additional installation effort, Example: Starting the night with warm white (3000 K from 20:00 to 22:00), reduced to biodiversity friendly in the heart of the night (2200 K from 22:00 to 06:00), and returning back to warm white in the early morning (3000 K from 06:00 to 07:00). This is the easiest to implement solution to create a nature-friendly lighting scenario, as no additional installations or external controls are needed. All pre-settings are made in the two LED drivers. The dimming values are programmed into the driver during the production of the luminaires. An optional link with sunrise and sunset times can mean additional optimisation. A customer-specific configuration is possible. The settings can be changed directly on the LED driver at any time (NFC). The necessary tool is standardised and can also be obtained from WE-EF as an optional extra.
Wild-Light Motion	430-0035	

Pole mounted

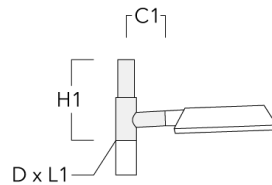
Mounting Accessories

Wall and pole brackets RE

Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	H
RE0-540 Wall bracket	111-0084		180	230	195			12	3.20	140	

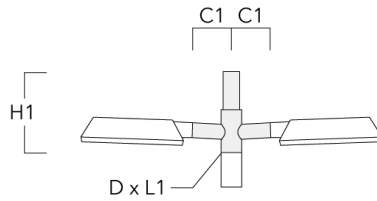


RE1-540 Pole bracket, single	111-0042		200			76 x 130	550		4.60	200	550
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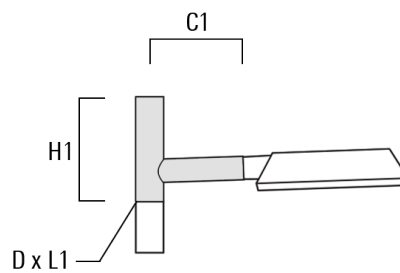


Pole mounted

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

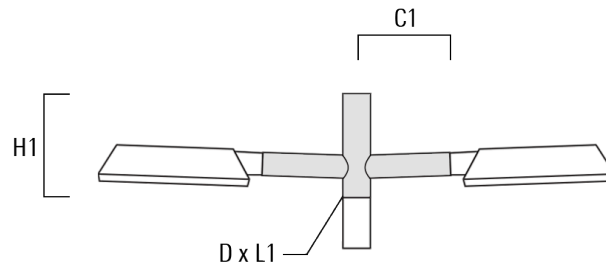


Pole bracket RE1, single for mounting on AML-A poles	111-9022	Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware.	320			76 x 76	550		6.10		
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Pole mounted

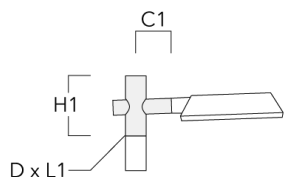
Description	Part ID	Additional information	C1	D1	D2	D x L1	H1	M1	Weight (kg)	C	H
Pole bracket RE2, double for mounting on AML-A poles	111-9023	Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware.	320			76 x 76	550		7.20		



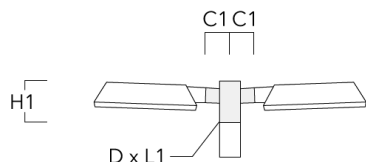
Pole mounted

Pole brackets RF

Description	Part ID	C1	D × L1	H1	Weight (kg)	C	H
RF1-540 Pole bracket, single	111-0046	200	76 x 80	200	2.60	200	300



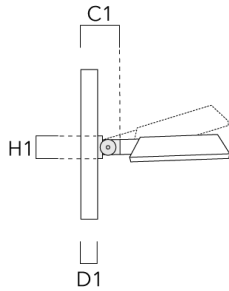
RF2-540 Pole bracket, double	111-0047	200	3 x 3	200	3.30	200	300
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Pole mounted

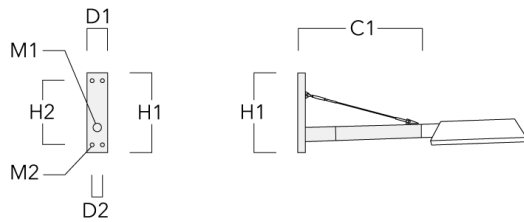
Wall and pole brackets RI

Description	Part ID	C1	D1	H1	Weight (kg)	D	H
RI-540 Wall and pole bracket	111-0179	212-255	102-133	127	1.85	102-133	110



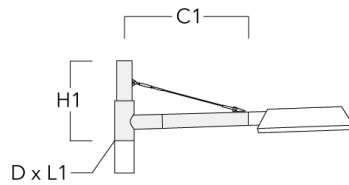
Wall and pole brackets RX

Description	Part ID	C1	D1	D2	D × L1	H1	H2	M1	M2	Weight (kg)
RX0-540 Wall bracket	111-0086	1000	140	100		450	385	30	12	5.20

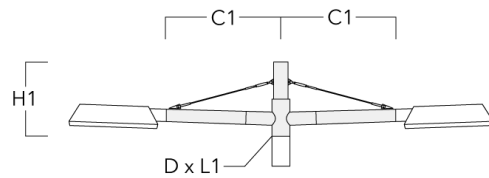


Pole mounted

Description	Part ID	C1	D1	D2	D x L1	H1	H2	M1	M2	Weight (kg)
RX1-540 Pole bracket, single	111-0054	1000			76 x 130	550				6.80

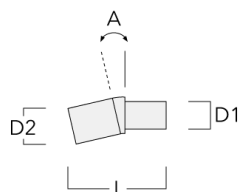


RX2-540 Pole bracket, double	111-0055	1000			76 x 130	550				9.70
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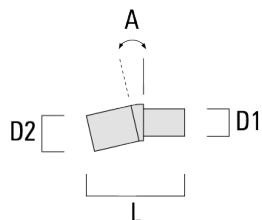


Pole mounted**Tilt brackets TB**

Description	Part ID	A	D1	D2	L	Weight (kg)
TB-540.60-10 Tilt bracket 10°	111-0636	10°	60 x 90	60 x 100	205	0.70



TB-540.60-15 Tilt bracket 15°	111-0637	15°	60 x 90	60 x 100	205	0.70
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Optical Accessories**Light shield**

Description	Part ID	Additional information
LS180-[A60]	003-4018	Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit. Suitable for [A60] lenses. Must be specified at time of ordering.
LS180	003-4019	Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit. Suitable for [S60], [S65], [S70], [R65], [P65] lenses. Must be specified at time of ordering.