

PFL540 LED

Pole mounted

we-ef



WE-EF LIGHTING Pty Ltd

6/13 Downard Street, 3195 Braeside, Victoria - Phone: +61 3 8587 0444 - Fax: +61 3 8587 0499

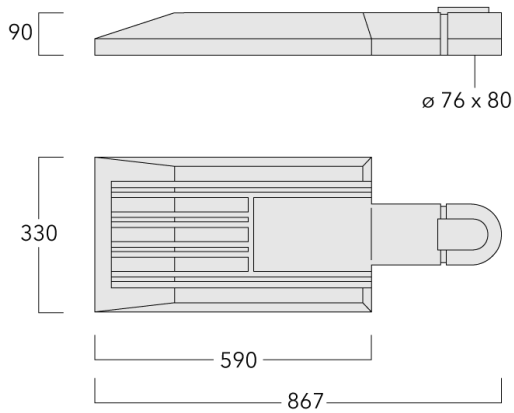
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Description

IP66, Class I. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection + primer including PCS hardware. Silicone CCG® Controlled Compression Gasket. PMMA RFC® Reflection Free Contour technology. LED board can be easily removed to upgrade. CAD-optimised OLC® PMMA lens for superior illumination and glare control. DALI. Optional: Side Entry (see Mounting Accessories) Optional 2200 K version up to max. 1050mA available. To be specified at time of ordering.

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.




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Specifications**Material description**

Body	Marine-grade, die-cast aluminium alloy
Lens	PMMA RFC® Reflection Free Contour technology
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	IK08
Corrosion resistance	5CE+Primer
Windage	0.23

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.

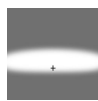
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Options

Light distribution



asymmetric, side throw [S70]



asymmetric, side throw [S65]



asymmetric, side throw [S60]



rectangular, side throw [R65]



asymmetric, forward throw [A60]



pedestrian crossing, left-hand traffic [P45L]



pedestrian crossing, right-hand traffic [P45R]

Colour temperature



4000 K



3000 K



2700 K

Nominal Watt

115 W

85 W

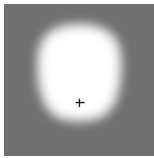
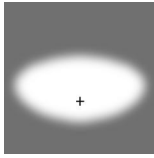
57 W

83 W

119 W

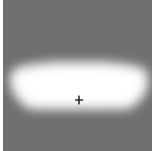
156 W

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, forward throw [A60] 	108-0961	LED-24/48W / 700 mA - 4000 K	6145.6	54 W	80	13.00
	108-0962	LED-36/72W / 700 mA - 4000 K	9218.5	79 W	80	14.00
	108-0963	LED-48/96W / 700 mA - 4000 K	12291.3	105.5 W	80	15.00
	108-0964	LED-24/72W / 1050 mA - 4000 K	8901.8	81 W	80	13.00
	108-0965	LED-36/108W / 1050 mA - 4000 K	13352.6	119 W	80	14.00
	108-0966	LED-48/144W / 1050 mA - 4000 K	17803.5	159 W	80	15.00
	108-1019	LED-24/48W / 700 mA - 3000 K	5749.1	54 W	80	13.00
	108-1021	LED-24/72W / 1050 mA - 3000 K	8506.1	81 W	80	13.00
	108-1023	LED-36/72W / 700 mA - 3000 K	8623.7	79 W	80	14.00
	108-1025	LED-36/108W / 1050 mA - 3000 K	12759.2	119 W	80	14.00
	108-1027	LED-48/96W / 700 mA - 3000 K	11498.3	105.5 W	80	15.00
	108-1029	LED-48/144W / 1050 mA - 3000 K	17012.3	159 W	80	15.00
	108-2478	LED-24/48W / 700 mA - 2700 K	5352.6	54 W	80	13.00
	108-2479	LED-24/72W / 1050 mA - 2700 K	8110.5	81 W	80	13.00
	108-2480	LED-36/72W / 700 mA - 2700 K	8029	79 W	80	14.00
	108-2481	LED-36/108W / 1050 mA - 2700 K	12165.7	119 W	80	14.00
	108-2482	LED-48/96W / 700 mA - 2700 K	10705.3	105.5 W	80	15.00
	108-2483	LED-48/144W / 1050 mA - 2700 K	16221	159 W	80	15.00
	108-2650	LED-48/207W / 1400 mA - 2700 K	20573	214 W	80	13.00
	108-2651	LED-48/207W / 1400 mA - 3000 K	21759.9	214 W	80	13.00
108-2652	LED-48/207W / 1400 mA - 4000 K	22749	214 W	80	13.00	
asymmetric, side throw [S60] 	108-0949	LED-24/48W / 700 mA - 4000 K	6701	54 W	80	13.00
	108-0950	LED-36/72W / 700 mA - 4000 K	10051.6	79 W	80	14.00
	108-0951	LED-48/96W / 700 mA - 4000 K	13402.1	105.5 W	80	15.00
	108-0952	LED-24/72W / 1050 mA - 4000 K	9628.2	81 W	80	13.00
	108-0953	LED-36/108W / 1050 mA - 4000 K	14442.3	119 W	80	14.00
	108-0954	LED-48/144W / 1050 mA - 4000 K	19256.4	159 W	80	15.00
	108-0985	LED-24/48W / 700 mA - 3000 K	6268.7	54 W	80	13.00
	108-0987	LED-24/72W / 1050 mA - 3000 K	9200.3	81 W	80	13.00
	108-0989	LED-36/108W / 1050 mA - 3000 K	13800.4	119 W	80	14.00
	108-0991	LED-48/144W / 1050 mA - 3000 K	18400.5	159 W	80	15.00
	108-0993	LED-36/72W / 700 mA - 3000 K	9403.1	79 W	80	14.00
	108-0995	LED-48/96W / 700 mA - 3000 K	12537.4	105.5 W	80	15.00
	108-2454	LED-24/48W / 700 mA - 2700 K	5836.4	54 W	80	13.00
	108-2455	LED-24/72W / 1050 mA - 2700 K	8772.3	81 W	80	13.00

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Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	108-2456	LED-36/72W / 700 mA - 2700 K	8754.6	79 W	80	14.00
	108-2457	LED-36/108W / 1050 mA - 2700 K	13158.5	119 W	80	14.00
	108-2458	LED-48/96W / 700 mA - 2700 K	11672.8	105.5 W	80	15.00
	108-2459	LED-48/144W / 1050 mA - 2700 K	17544.7	159 W	80	15.00
	108-2638	LED-48/207W / 1400 mA - 2700 K	22251.8	214 W	80	13.00
	108-2638-70	LED-48/207W / 1400 mA - 2700 K	25675.2	214 W	70	13.00
	108-2639	LED-48/207W / 1400 mA - 3000 K	23535.6	214 W	80	13.00
	108-2639-70	LED-48/207W / 1400 mA - 3000 K	26745	214 W	70	13.00
	108-2640	LED-48/207W / 1400 mA - 4000 K	24605.4	214 W	80	13.00
	108-2640-70	LED-48/207W / 1400 mA - 4000 K	27814.8	214 W	70	13.00
asymmetric, side throw [S65]	108-0828	LED-24/48W / 700 mA - 4000 K	6763.7	54 W	80	13.00
	108-0829	LED-24/72W / 1050 mA - 4000 K	9816.6	81 W	80	13.00
	108-0830	LED-36/72W / 700 mA - 4000 K	10145.6	79 W	80	14.00
	108-0831	LED-36/108W / 1050 mA - 4000 K	14725	119 W	80	14.00
	108-0832	LED-48/96W / 700 mA - 4000 K	13527.4	105.5 W	80	15.00
	108-0833	LED-48/144W / 1050 mA - 4000 K	19633.3	159 W	80	15.00
	108-1009	LED-24/48W / 700 mA - 3000 K	6327.3	54 W	80	13.00
	108-1011	LED-24/72W / 1050 mA - 3000 K	9380.3	81 W	80	13.00
	108-1013	LED-36/108W / 1050 mA - 3000 K	14070.5	119 W	80	14.00
	108-1015	LED-48/96W / 700 mA - 3000 K	12654.7	105.5 W	80	15.00
	108-1017	LED-48/144W / 1050 mA - 3000 K	18760.7	159 W	80	15.00
	108-1043	LED-36/72W / 700 mA - 3000 K	9491	79 W	80	14.00
	108-2460	LED-24/48W / 700 mA - 2700 K	5891	54 W	80	13.00
	108-2461	LED-24/72W / 1050 mA - 2700 K	8944.1	81 W	80	13.00
	108-2462	LED-36/72W / 700 mA - 2700 K	8836.5	79 W	80	14.00
	108-2463	LED-36/108W / 1050 mA - 2700 K	13416.1	119 W	80	14.00
	108-2464	LED-48/96W / 700 mA - 2700 K	11781.9	105.5 W	80	15.00
	108-2465	LED-48/144W / 1050 mA - 2700 K	17888.1	159 W	80	15.00
	108-2641	LED-48/207W / 1400 mA - 2700 K	22687.4	214 W	80	15.00
	108-2641-70	LED-48/207W / 1400 mA - 2700 K	26177.7	214 W	70	15.00
	108-2642	LED-48/207W / 1400 mA - 3000 K	23996.2	214 W	80	13.00
	108-2642-70	LED-48/207W / 1400 mA - 3000 K	27268.5	214 W	70	13.00
	108-2643	LED-48/207W / 1400 mA - 4000 K	25087	214 W	80	13.00
	108-2643-70	LED-48/207W / 1400 mA - 4000 K	28359.2	214 W	70	13.00
asymmetric, side throw [S70]	108-0822	LED-48/96W / 700 mA - 4000 K	13171.5	105.5 W	80	15.00
	108-0823	LED-36/72W / 700 mA - 4000 K	9878.6	79 W	80	14.00

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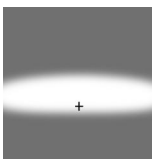
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	108-0824	LED-24/48W / 700 mA - 4000 K	6585.8	54 W	80	13.00
	108-0825	LED-24/72W / 1050 mA - 4000 K	9478.2	81 W	80	13.00
	108-0826	LED-36/108W / 1050 mA - 4000 K	14217.3	119 W	80	14.00
	108-0827	LED-48/144W / 1050 mA - 4000 K	18956.4	159 W	80	15.00
	108-0997	LED-24/48W / 700 mA - 3000 K	6160.9	54 W	80	13.00
	108-0999	LED-24/72W / 1050 mA - 3000 K	9056.9	81 W	80	13.00
	108-1001	LED-36/72W / 700 mA - 3000 K	9241.3	79 W	80	14.00
	108-1003	LED-36/108W / 1050 mA - 3000 K	13585.4	119 W	80	14.00
	108-1005	LED-48/96W / 700 mA - 3000 K	12321.7	105.5 W	80	15.00
	108-1007	LED-48/144W / 1050 mA - 3000 K	18113.9	159 W	80	15.00
	108-2466	LED-24/48W / 700 mA - 2700 K	5736	54 W	80	13.00
	108-2467	LED-24/72W / 1050 mA - 2700 K	8635.7	81 W	80	13.00
	108-2468	LED-36/72W / 700 mA - 2700 K	8604	79 W	80	14.00
	108-2469	LED-36/108W / 1050 mA - 2700 K	12953.5	119 W	80	14.00
	108-2470	LED-48/96W / 700 mA - 2700 K	11472	105.5 W	80	15.00
	108-2471	LED-48/144W / 1050 mA - 2700 K	17271.4	159 W	80	15.00
	108-2644	LED-48/207W / 1400 mA - 2700 K	21905.1	214 W	80	13.00
	108-2645	LED-48/207W / 1400 mA - 3000 K	23168.9	214 W	80	15.00
	108-2646	LED-48/207W / 1400 mA - 4000 K	24222	214 W	80	15.00
	pedestrian crossing, left-hand traffic [P45L]	108-1963	LED-36/72W / 700 mA - 3000 K	9127.9	79 W	80
108-1964		LED-36/72W / 700 mA - 4000 K	9757.4	79 W	80	14.00
108-1967		LED-48/96W / 700 mA - 3000 K	12170.5	105.5 W	80	14.00
108-1968		LED-48/96W / 700 mA - 4000 K	13009.9	105.5 W	80	14.00
108-1971		LED-36/108W / 1050 mA - 3000 K	13047.5	119 W	80	14.00
108-1972		LED-36/108W / 1050 mA - 4000 K	13654.4	119 W	80	14.00
108-1975		LED-48/144W / 1050 mA - 3000 K	17396.7	159 W	80	14.00
108-1976		LED-48/144W / 1050 mA - 4000 K	18205.8	159 W	80	14.00
pedestrian crossing, right-hand traffic [P45R]	108-1965	LED-36/72W / 700 mA - 3000 K	9018.9	79 W	80	14.00
	108-1966	LED-36/72W / 700 mA - 4000 K	9640.9	79 W	80	14.00
	108-1969	LED-48/96W / 700 mA - 3000 K	12025.2	105.5 W	80	14.00
	108-1970	LED-48/96W / 700 mA - 4000 K	12854.5	105.5 W	80	14.00
	108-1973	LED-36/108W / 1050 mA - 3000 K	13103.3	119 W	80	14.00
	108-1974	LED-36/108W / 1050 mA - 4000 K	13712.7	119 W	80	14.00
	108-1977	LED-48/144W / 1050 mA - 3000 K	17471	159 W	80	14.00
	108-1978	LED-48/144W / 1050 mA - 4000 K	18283.6	159 W	80	14.00
	108-2653	LED-48/207W / 1400 mA - 2700 K	21127.8	214 W	80	13.00

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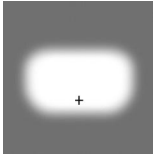
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PFL540 LED

Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
 <p>rectangular, side throw [R65]</p>	108-2654	LED-48/207W / 1400 mA - 3000 K	22346.7	214 W	80	13.00
	108-2655	LED-48/207W / 1400 mA - 4000 K	23362.4	214 W	80	13.00
	108-0955	LED-24/48W / 700 mA - 4000 K	6295.7	54 W	80	13.00
	108-0956	LED-36/72W / 700 mA - 4000 K	9443.5	79 W	80	14.00
	108-0957	LED-48/96W / 700 mA - 4000 K	12591.3	105.5 W	80	15.00
	108-0958	LED-24/72W / 1050 mA - 4000 K	9104.5	81 W	80	13.00
	108-0959	LED-36/108W / 1050 mA - 4000 K	13656.7	119 W	80	14.00
	108-0960	LED-48/144W / 1050 mA - 4000 K	18209	159 W	80	15.00
	108-1031	LED-24/48W / 700 mA - 3000 K	5889.5	54 W	80	13.00
	108-1033	LED-24/72W / 1050 mA - 3000 K	8699.8	81 W	80	13.00
	108-1035	LED-36/72W / 700 mA - 3000 K	8834.2	79 W	80	14.00
	108-1037	LED-36/108W / 1050 mA - 3000 K	13049.8	119 W	80	14.00
	108-1039	LED-48/96W / 700 mA - 3000 K	11779	105.5 W	80	15.00
	108-1041	LED-48/144W / 1050 mA - 3000 K	17399.7	159 W	80	15.00
	108-2472	LED-24/48W / 700 mA - 2700 K	5483.3	54 W	80	13.00
	108-2473	LED-24/72W / 1050 mA - 2700 K	8295.2	81 W	80	13.00
	108-2474	LED-36/72W / 700 mA - 2700 K	8225	79 W	80	14.00
	108-2475	LED-36/108W / 1050 mA - 2700 K	12442.8	119 W	80	14.00
	108-2476	LED-48/96W / 700 mA - 2700 K	10966.6	105.5 W	80	15.00
	108-2477	LED-48/144W / 1050 mA - 2700 K	16590.4	159 W	80	15.00
108-2647	LED-48/207W / 1400 mA - 2700 K	21041.5	214 W	80	15.00	
108-2648	LED-48/207W / 1400 mA - 3000 K	22255.4	214 W	80	13.00	
108-2649	LED-48/207W / 1400 mA - 4000 K	23267	214 W	80	13.00	

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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
R2C Ready to Connect (below)	430-0027
R2C Ready to Connect (top and below)	430-0032

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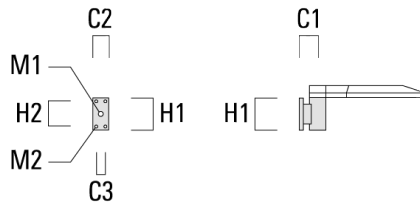
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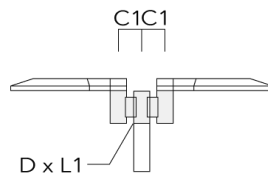
Mounting Accessories

Wall and pole brackets RV

Description	Part ID	Additional information	C1	C2	C3	D1	D × L1	H1	H2	M1	M2	Weight (kg)	C	D	H
RV0 Wall Bracket	108-0979	RV0 Wall bracket	108	100	60			200	160	38	12	2.00	108		



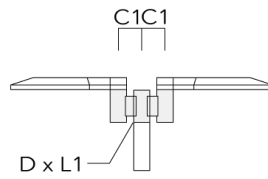
RV2-76 Pole bracket, double	108-0980		147				76 x 100					4.80	147	76	200
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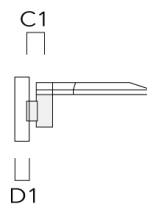
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Description	Part ID	Additional information	C1	C2	C3	D1	D × L1	H1	H2	M1	M2	Weight (kg)	C	D	H
RV2-60 Pole bracket, double	108-0981	147					60 x 100					4.80	147	60	200



RV5 Pole bracket	108-0982	108				76-240						1.70	106		200
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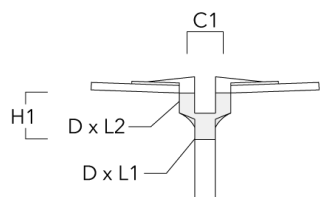
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PFL540 LED

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Post top fitter AKV

Description	Part ID	C1	D × L1	D × L2	H1	Weight (kg)
AKV2-76	300-0053	180	76x100	67x	235	1.50



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.