

PFL540 LED

Pole mounted

we-ef



WE-EF LIGHTING (Thailand) Co., Ltd.

57 Moo 5, Kingkaew Rd., Bangplee, 10540 Samutprakarn - Phone: +66 2 738 96 20 - Fax: +66 2 738 96 29

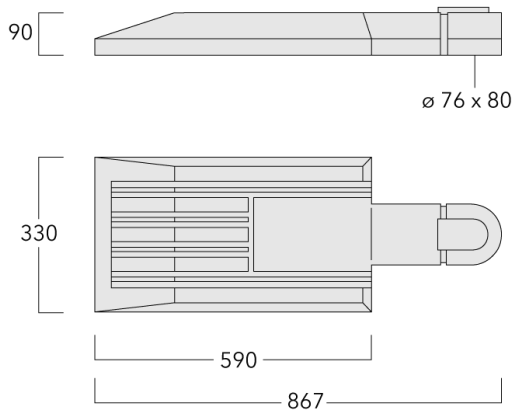
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Description

IP66, Class I. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. 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 electronic converter with DALI interface. 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. Optional 2200 K version up to max. 1050mA available. To be specified at time of ordering.

Including 0.5 m cable with a cable connector.

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

Wild-Light options available on request.

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Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	RFC™ Reflection Free Contour main lens
Colours	 RAL9004 Signal black  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE
Windage	0.23

Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral electronic converter with DALI interface
Power factor	> 0.9

Additional information

Lifetime	Ta=25° L90B10 > 90000h
BUG Rating	Please see individual Spec Sheets for classification of Backlight, Uplight and Glare

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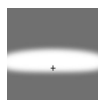
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Options

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

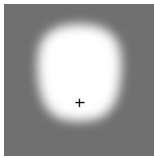
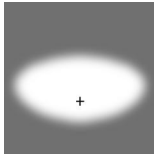
83 W

119 W

156 W

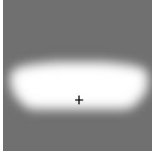
0 W

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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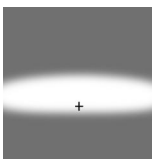
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	108-0824	LED-24/48W / 700 mA - 4000 K	6585.8	54 W	80	13.00
	108-0825	LED-24/72W / 1050 mA - 4000 K	9478.2	81 W	80	13.00
	108-0826	LED-36/108W / 1050 mA - 4000 K	14217.3	119 W	80	14.00
	108-0827	LED-48/144W / 1050 mA - 4000 K	18956.4	159 W	80	15.00
	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	14.00
	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
	108-2708	LED-48/207W / 1400 mA - 2700 K	21037.8	214 W	80	14.00
	108-2709	LED-48/207W / 1400 mA - 3000 K	22251.6	214 W	80	14.00
	108-2710	LED-48/207W / 1400 mA - 4000 K	23263	214 W	80	14.00
	pedestrian crossing, right-hand traffic [P45R]	108-1965	LED-36/72W / 700 mA - 3000 K	9018.9	79 W	80
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

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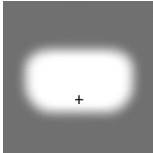
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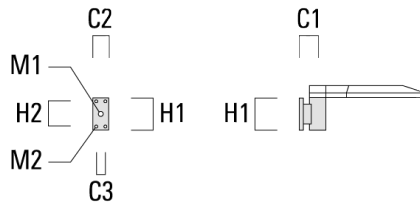
Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	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	14.00
	108-2654	LED-48/207W / 1400 mA - 3000 K	22346.7	214 W	80	14.00
	108-2655	LED-48/207W / 1400 mA - 4000 K	23362.4	214 W	80	14.00
rectangular, side throw [R65]	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

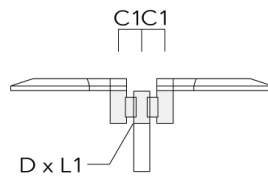
Mounting Accessories

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-AP	RV0 Wall bracket	108	100	45			200	160	40	12	2.80	108		



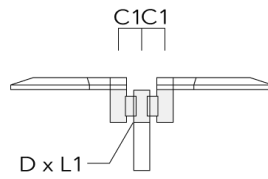
RV2-76 Pole bracket, double	108-0980		147				76 x 100					8.10	147	76	200
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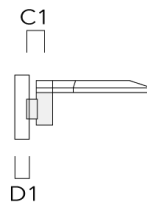
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Description	Part ID	Additional information	C1	C2	C3	D1	D × L1	H1	H2	M1	M2	Weight (kg)	C	D	H
RV2-60 Pole bracket, double	108-0981	147					60 x 100					8.50	147	60	200



RV5 Pole bracket	108-0982	108				76-240						2.30	106		200
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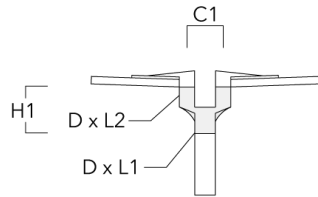


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AKV

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



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Control

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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