

Description

The RFL530-SE LED features an elegant round shape, designed for side entry installation on poles, seamlessly blending into urban landscapes by day and night. Constructed from marine-grade die-cast aluminium with an IP66 rating, 5CE + Primer protection, and stainless steel fixings with PCS hardware, this durable luminaire withstands tough conditions and ensures longevity. Its consistent design language enhances both historical and modern settings, providing optimised, standard-compliant light distribution for various urban situations, ensuring visual comfort and sustainability. Equipped with WE-EF's IOS® Innovative Optical System and OLC® (One LED Concept), the RFL530-SE LED delivers high efficiency and exceptional light quality. A broad selection of LED lens types enhances its versatility for multiple applications. Factory-sealed for easy installation.

The luminaire can be configured to meet diverse application needs, with a vast range of proprietary optics, colour temperatures, wattages, lumen outputs, finish colours, and control options.

An optional 2200 K version is available for a maximum of 1050mA, to be specified at the time of ordering.

If your desired configuration is not listed, please reach out to us with your customisation request.

Specifications

Material description






Body	Marine-grade, die-cast aluminium alloy		
Lens	Non-reflecting safety glass lens, hinged		
Colours	RAL9004	RAL9006	RAL9007
	Signal black	White aluminium	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		

Electrical description

Power supply	230V / 50 Hz
Driver / Ballast	Integral EC electronic converter. DALI
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.
Energy efficiency	The product is supplied with 10-year warranty. Please refer to the LED Warranty Statement located on www.we-ef.com for further details.

Additional information

Listings	Listed on the AEMO load table at 28.6 W (12 LED version)
Windage	0.166 m ²
Lifetime	Ta=40° L90B10 > 90000h

Options**Light distribution** [S60] asymmetric, side throw [S70] asymmetric, side throw [A60] asymmetric, forward throw [S65] asymmetric, side throw [R65] rectangular, side throw [P65] pedestrian/bicycle lane**Colour temperature** 3000K 4000K 2700K**Nominal Watt**




24 W



48 W


12 W

72 W

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[A60] asymmetric, forward throw</p>	111-1046	LED-12/12W/2700K	1522 lm	12 W	80
	111-0455	LED-12/12W/3000K	1626.9 lm	12 W	80
	111-0414	LED-12/12W/4000K	1784.4 lm	12 W	80
	111-1047	LED-12/24W/2700K	2692.3 lm	24 W	80
	111-0275	LED-12/24W/3000K	2891.7 lm	24 W	80
	111-0353	LED-12/24W/4000K	3091.2 lm	24 W	80
	111-1048	LED-24/24W/2700K	3043.9 lm	24 W	80
	111-0457	LED-24/24W/3000K	3253.8 lm	24 W	80
	111-0415	LED-24/24W/4000K	3568.7 lm	24 W	80
	111-1049	LED-24/48W/2700K	5384.6 lm	48 W	80
	111-0277	LED-24/48W/3000K	5783.5 lm	48 W	80
	111-0355	LED-24/48W/4000K	6182.3 lm	48 W	80
	111-0908	LED-24/72W/3000K	9180.5 lm	72 W	80
	111-0909	LED-24/72W/4000K	9607.5 lm	72 W	80
	 <p>[P65] pedestrian/bicycle lane</p>	111-1051	LED-12/12W/2700K	1578.1 lm	12 W
111-0780		LED-12/12W/3000K	1687 lm	12 W	80
111-0821		LED-12/12W/4000K	1850.2 lm	12 W	80
111-1052		LED-12/24W/2700K	2850.5 lm	24 W	80
111-0827		LED-12/24W/3000K	3061.6 lm	24 W	80
111-0822		LED-12/24W/4000K	3272.8 lm	24 W	80
111-1053		LED-24/24W/2700K	3156.3 lm	24 W	80
111-0791		LED-24/24W/3000K	3374 lm	24 W	80
111-0823		LED-24/24W/4000K	3700.5 lm	24 W	80
111-1054		LED-24/48W/2700K	5700.9 lm	48 W	80
111-0828		LED-24/48W/3000K	6123.2 lm	48 W	80
111-0824		LED-24/48W/4000K	6545.5 lm	48 W	80
111-1055		LED-24/72W/2700K	8682 lm	72 W	80
111-0910		LED-24/72W/3000K	9105.5 lm	72 W	80
111-0911		LED-24/72W/4000K	9529 lm	72 W	80
 <p>[R65] rectangular, side throw</p>	111-1041	LED-12/12W/2700K	1518.8 lm	12 W	80
	111-0467	LED-12/12W/3000K	1623.5 lm	12 W	80
	111-0416	LED-12/12W/4000K	1780.6 lm	12 W	80
	111-1042	LED-12/24W/2700K	2686.3 lm	24 W	80
	111-0469	LED-12/24W/3000K	2885.3 lm	24 W	80

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[S60] asymmetric, side throw</p>	111-0417	LED-12/24W/4000K	3084.3 lm	24 W	80
	111-1043	LED-24/24W/2700K	3037.5 lm	24 W	80
	111-0471	LED-24/24W/3000K	3247 lm	24 W	80
	111-0418	LED-24/24W/4000K	3561.2 lm	24 W	80
	111-1044	LED-24/48W/2700K	5372.6 lm	48 W	80
	111-0473	LED-24/48W/3000K	5770.6 lm	48 W	80
	111-0419	LED-24/48W/4000K	6168.6 lm	48 W	80
	111-1045	LED-24/72W/2700K	8636.1 lm	72 W	80
	111-0912	LED-24/72W/3000K	9057.4 lm	72 W	80
	111-0913	LED-24/72W/4000K	9478.6 lm	72 W	80
	111-1026	LED-12/12W/2700K	1612.9 lm	12 W	80
	111-0447	LED-12/12W/3000K	1724.1 lm	12 W	80
	111-0406	LED-12/12W/4000K	1891 lm	12 W	80
	111-1027	LED-12/24W/2700K	2911.3 lm	24 W	80
	111-0192	LED-12/24W/3000K	3126.9 lm	24 W	80
	111-0337	LED-12/24W/4000K	3342.6 lm	24 W	80
	111-1028	LED-24/24W/2700K	3225.8 lm	24 W	80
	111-0449	LED-24/24W/3000K	3448.3 lm	24 W	80
	111-0407	LED-24/24W/4000K	3782 lm	24 W	80
111-1029	LED-24/48W/2700K	5822.5 lm	48 W	80	
111-0193	LED-24/48W/3000K	6253.8 lm	48 W	80	
111-0339	LED-24/48W/4000K	6685.1 lm	48 W	80	
111-1030	LED-24/72W/2700K	9122.7 lm	72 W	80	
111-0914	LED-24/72W/3000K	9567.7 lm	72 W	80	
111-0915	LED-24/72W/4000K	10012.7 lm	72 W	80	
 <p>[S65] asymmetric, side throw</p>	111-1031	LED-12/12W/2700K	1614.7 lm	12 W	80
	111-0459	LED-12/12W/3000K	1726 lm	12 W	80
	111-0408	LED-12/12W/4000K	1893.1 lm	12 W	80
	111-1032	LED-12/24W/2700K	2916 lm	24 W	80
	111-0461	LED-12/24W/3000K	3132 lm	24 W	80
	111-0409	LED-12/24W/4000K	3348 lm	24 W	80
	111-1033	LED-24/24W/2700K	3229.4 lm	24 W	80
	111-0463	LED-24/24W/3000K	3452.1 lm	24 W	80
	111-0410	LED-24/24W/4000K	3786.2 lm	24 W	80
	111-1034	LED-24/48W/2700K	5832.1 lm	48 W	80
	111-0465	LED-24/48W/3000K	6264.1 lm	48 W	80

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[S70] asymmetric, side throw</p>	111-0411	LED-24/48W/4000K	6696.1 lm	48 W	80
	111-1035	LED-24/72W/2700K	9164.3 lm	72 W	80
	111-0916	LED-24/72W/3000K	9611.3 lm	72 W	80
	111-0917	LED-24/72W/4000K	10058.4 lm	72 W	80
	111-1036	LED-12/12W/2700K	1566.6 lm	12 W	80
	111-0451	LED-12/12W/3000K	1674.6 lm	12 W	80
	111-0412	LED-12/12W/4000K	1836.7 lm	12 W	80
	111-1037	LED-12/24W/2700K	2778.3 lm	24 W	80
	111-0230	LED-12/24W/3000K	2984.1 lm	24 W	80
	111-0345	LED-12/24W/4000K	3189.9 lm	24 W	80
	111-1038	LED-24/24W/2700K	3133.2 lm	24 W	80
	111-0453	LED-24/24W/3000K	3349.3 lm	24 W	80
	111-0413	LED-24/24W/4000K	3673.4 lm	24 W	80
	111-0234	LED-24/48W/3000K	5968.1 lm	48 W	80
	111-0347	LED-24/48W/4000K	6379.7 lm	48 W	80
	111-1040	LED-24/72W/2700K	8781.9 lm	72 W	80
	111-0918	LED-24/72W/3000K	9210.3 lm	72 W	80
	111-0919	LED-24/72W/4000K	9638.6 lm	72 W	80