

Description

IP66, Class I. IK08. Marine-grade die-cast aluminium alloy. 5CE superior corrosion protection + primer including PCS hardware. Silicone rubber gaskets. Safety glass lens, hinged. PMMA OLC® LED optics for superior illumination and glare control. Optional 2200 K version up to max. 1050mA available. To be specified at time of ordering. DALI.

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.

Please note that the luminaire requires a mounting bracket for installation. This bracket needs to be ordered separately. Please choose from one of our various options listed under Mounting Accessories

Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy		
Lens	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	IK08		
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

Windage	0.075 m ²
Lifetime	Ta=40° L90B10 > 90000h

Options**Light distribution**

-  [S65] asymmetric, side throw
-  [R65] rectangular, side throw
-  [A60] asymmetric, forward throw
-  [P45L] pedestrian crossing, left-hand traffic
-  [P45R] pedestrian crossing, right-hand traffic


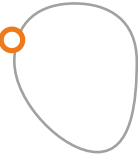
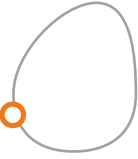

Colour temperature


	3000K
	4000K
	2700K

Nominal Watt

36 W
48 W
54 W
72 W

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[A60] asymmetric, forward throw</p>	108-2512	LED-18/36W/2700K	3630.5 lm	36 W	80
	108-1703	LED-18/36W/3000K	3899.5 lm	36 W	80
	108-1704	LED-18/36W/4000K	4168.4 lm	36 W	80
	108-2513	LED-18/54W/2700K	5513 lm	54 W	80
	108-1691	LED-18/54W/3000K	5782 lm	54 W	80
	108-1692	LED-18/54W/4000K	6050.9 lm	54 W	80
	108-2514	LED-24/48W/2700K	4840.7 lm	48 W	80
	108-1681	LED-24/48W/3000K	5199.3 lm	48 W	80
	108-1682	LED-24/48W/4000K	5557.9 lm	48 W	80
	108-2515	LED-24/72W/2700K	7350.7 lm	72 W	80
	108-1638	LED-24/72W/3000K	7709.3 lm	72 W	80
	108-1643	LED-24/72W/4000K	8067.9 lm	72 W	80
 <p>[P45L] pedestrian crossing, left-hand traffic</p>	108-1979	LED-24/72W/3000K	8330.8 lm	72 W	80
	108-1980	LED-24/72W/4000K	8718.3 lm	72 W	80
 <p>[P45R] pedestrian crossing, right-hand traffic</p>	108-2516	LED-24/72W/2700K	7943.3 lm	72 W	80
	108-1981	LED-24/72W/3000K	8330.8 lm	72 W	80
	108-1982	LED-24/72W/4000K	8718.3 lm	72 W	80
 <p>[R65] rectangular, side throw</p>	108-2508	LED-18/36W/2700K	3547.9 lm	36 W	80
	108-1701	LED-18/36W/3000K	3810.7 lm	36 W	80
	108-1702	LED-18/36W/4000K	4073.5 lm	36 W	80
	108-2509	LED-18/54W/2700K	5387.5 lm	54 W	80
	108-1689	LED-18/54W/3000K	5650.3 lm	54 W	80
	108-1690	LED-18/54W/4000K	5913.1 lm	54 W	80
	108-2510	LED-24/48W/2700K	4730.5 lm	48 W	80
	108-1679	LED-24/48W/3000K	5080.9 lm	48 W	80
	108-1680	LED-24/48W/4000K	5431.3 lm	48 W	80
	108-2511	LED-24/72W/2700K	7183.4 lm	72 W	80
	108-1634	LED-24/72W/3000K	7533.8 lm	72 W	80
	108-1639	LED-24/72W/4000K	7884.2 lm	72 W	80

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 [S65] asymmetric, side throw	108-2504	LED-18/36W/2700K	3894.3 lm	36 W	80
	108-1699	LED-18/36W/3000K	4182.7 lm	36 W	80
	108-1700	LED-18/36W/4000K	4471.2 lm	36 W	80
	108-2505	LED-18/54W/2700K	5913.5 lm	54 W	80
	108-1687	LED-18/54W/3000K	6202 lm	54 W	80
	108-1688	LED-18/54W/4000K	6490.5 lm	54 W	80
	108-2506	LED-24/48W/2700K	5192.4 lm	48 W	80
	108-1677	LED-24/48W/3000K	5577 lm	48 W	80
	108-1678	LED-24/48W/4000K	5961.6 lm	48 W	80
	108-2507	LED-24/72W/2700K	7884.7 lm	72 W	80
	108-1635	LED-24/72W/3000K	8269.3 lm	72 W	80
	108-1641	LED-24/72W/4000K	8654 lm	72 W	80