

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)

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.

Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy						
Lens	PMMA RFC® Reflection Free Contour technology						
Colours	<table><tr><td>RAL9004</td><td>RAL9006</td><td>RAL9007</td></tr><tr><td>Signal black</td><td>White aluminium</td><td>Grey aluminium</td></tr></table>	RAL9004	RAL9006	RAL9007	Signal black	White aluminium	Grey aluminium
RAL9004	RAL9006	RAL9007					
Signal black	White aluminium	Grey aluminium					
Gasket	Silicone CCG® Controlled Compression Gasket						
Fasteners	PCS Polymer Coated Stainless Steel Hardware (unpainted)						
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	AEMO load table: 28.6 W (12 LED version), 55.5 W (24 LED version), 81.2 W (36 LED version) and 108.3
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Options

Light distribution

Colour temperature

Nominal Watt



[S70] asymmetric, side throw



[S60] asymmetric, side throw



[A60] asymmetric, forward throw



[S65] asymmetric, side throw



[R65] rectangular, side throw



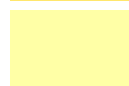
[P45L] pedestrian crossing, left-hand traffic



[P45R] pedestrian crossing, right-hand traffic



3000K



4000K

48 W


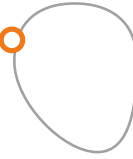
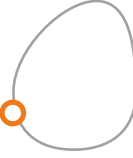

72 W




96 W

108 W

144 W

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[A60] asymmetric, forward throw</p>	108-8720	LED-24/48W/3000K	5749.1 lm	48 W	80
	108-8721	LED-24/48W/4000K	6145.6 lm	48 W	80
	108-8788	LED-24/72W/3000K	8506.1 lm	72 W	80
	108-8789	LED-24/72W/4000K	8901.8 lm	72 W	80
	108-8723	LED-36/72W/3000K	8623.7 lm	72 W	80
	108-8724	LED-36/72W/4000K	9218.5 lm	72 W	80
	108-8791	LED-36/108W/3000K	12759.2 lm	108 W	80
	108-8792	LED-36/108W/4000K	13352.6 lm	108 W	80
	108-8726	LED-48/96W/3000K	11498.3 lm	96 W	80
	108-8727	LED-48/96W/4000K	12291.3 lm	96 W	80
	108-8794	LED-48/144W/3000K	17012.3 lm	144 W	80
	108-8795	LED-48/144W/4000K	17803.5 lm	144 W	80
 <p>[P45L] pedestrian crossing, left-hand traffic</p>	108-5331	LED-36/72W/3000K	9859.3 lm	72 W	80
	108-5333	LED-36/72W/4000K	10539.2 lm	72 W	80
	108-5335	LED-36/108W/3000K	13923 lm	108 W	80
	108-5337	LED-36/108W/4000K	14570.6 lm	108 W	80
	108-5339	LED-48/96W/3000K	13145.7 lm	96 W	80
	108-5341	LED-48/96W/4000K	14052.3 lm	96 W	80
	108-5343	LED-48/144W/3000K	18564 lm	144 W	80
	108-5345	LED-48/144W/4000K	19427.4 lm	144 W	80
 <p>[P45R] pedestrian crossing, right-hand traffic</p>	108-5332	LED-36/72W/3000K	9859.3 lm	72 W	80
	108-5334	LED-36/72W/4000K	10539.2 lm	72 W	80
	108-5336	LED-36/108W/3000K	13923 lm	108 W	80
	108-5338	LED-36/108W/4000K	14570.6 lm	108 W	80
	108-5340	LED-48/96W/3000K	13145.7 lm	96 W	80
	108-5342	LED-48/96W/4000K	14052.3 lm	96 W	80
	108-5344	LED-48/144W/3000K	18564 lm	144 W	80
	108-5346	LED-48/144W/4000K	19427.4 lm	144 W	80
 <p>[R65] rectangular, side throw</p>	108-8741	LED-24/48W/3000K	5889.5 lm	48 W	80
	108-8742	LED-24/48W/4000K	6295.7 lm	48 W	80
	108-8797	LED-24/72W/3000K	8699.8 lm	72 W	80
	108-8798	LED-24/72W/4000K	9104.5 lm	72 W	80
	108-8744	LED-36/72W/3000K	8834.2 lm	72 W	80
	108-8745	LED-36/72W/4000K	9443.5 lm	72 W	80

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	108-8800	LED-36/108W/3000K	13049.8 lm	108 W	80
	108-8801	LED-36/108W/4000K	13656.7 lm	108 W	80
	108-8760	LED-48/96W/3000K	11779 lm	96 W	80
	108-8761	LED-48/96W/4000K	12591.3 lm	96 W	80
	108-8803	LED-48/144W/3000K	17399.7 lm	144 W	80
	108-8804	LED-48/144W/4000K	18209 lm	144 W	80
[S60] asymmetric, side throw	108-8714	LED-24/48W/3000K	6268.7 lm	48 W	80
	108-8715	LED-24/48W/4000K	6701 lm	48 W	80
	108-8779	LED-24/72W/3000K	9200.3 lm	72 W	80
	108-8780	LED-24/72W/4000K	9628.2 lm	72 W	80
	108-8717	LED-36/72W/3000K	9403.1 lm	72 W	80
	108-8718	LED-36/72W/4000K	10051.6 lm	72 W	80
	108-8782	LED-36/108W/3000K	13800.4 lm	108 W	80
	108-8783	LED-36/108W/4000K	14442.3 lm	108 W	80
	108-8730	LED-48/96W/3000K	12537.4 lm	96 W	80
	108-8733	LED-48/96W/4000K	13402.1 lm	96 W	80
	108-8785	LED-48/144W/3000K	18400.5 lm	144 W	80
	108-8786	LED-48/144W/4000K	19256.4 lm	144 W	80
	108-8735	LED-24/48W/3000K	6327.3 lm	48 W	80
	108-8736	LED-24/48W/4000K	6763.7 lm	48 W	80
	108-8766	LED-24/72W/3000K	9380.3 lm	72 W	80
	108-8767	LED-24/72W/4000K	9816.6 lm	72 W	80
	108-8729	LED-36/72W/3000K	9491 lm	72 W	80
	108-8734	LED-36/72W/4000K	10145.6 lm	72 W	80
	108-8806	LED-36/108W/3000K	14070.5 lm	108 W	80
	108-8807	LED-36/108W/4000K	14725 lm	108 W	80
	108-8738	LED-48/96W/3000K	12654.7 lm	96 W	80
	108-8739	LED-48/96W/4000K	13527.4 lm	96 W	80
	108-8809	LED-48/144W/3000K	18760.7 lm	144 W	80
108-8810	LED-48/144W/4000K	19633.3 lm	144 W	80	
	108-8705	LED-24/48W/3000K	6160.9 lm	48 W	80
	108-8706	LED-24/48W/4000K	6585.8 lm	48 W	80
	108-8770	LED-24/72W/3000K	9056.9 lm	72 W	80
	108-8771	LED-24/72W/4000K	9478.2 lm	72 W	80
	108-8708	LED-36/72W/3000K	9241.3 lm	72 W	80
	108-8709	LED-36/72W/4000K	9878.6 lm	72 W	80

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	108-8773	LED-36/108W/3000K	13585.4 lm	108 W	80
	108-8774	LED-36/108W/4000K	14217.3 lm	108 W	80
	108-8711	LED-48/96W/3000K	12321.7 lm	96 W	80
	108-8713	LED-48/96W/4000K	13171.5 lm	96 W	80
	108-8776	LED-48/144W/3000K	18113.9 lm	144 W	80
	108-8777	LED-48/144W/4000K	18956.4 lm	144 W	80