

Description

IP66. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens, hinged. Silicone CCG® Controlled Compression Gasket.

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.

Specifications

Material description

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

Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral electronic converter with DALI interface
Surge protection	6/6 kV (optional SP10)
Energy efficiency	C-D (Light source)

Additional information

Listings	Listed on the AEMO load table at 28.6 W (12 LED version), at 55.5 W (24 LED version), at 81.2 W (36 LED version), at 108.8 W (48 LED version) and at 172.2 W (48 LED version)
Windage	0.075 m ²
Lifetime	Ta=25° L90B10 > 90000h

Options

Light distribution

Colour temperature

Nominal Watt



[S65] asymmetric, side throw



3000K

36 W



4000K

48 W

54 W

72 W



2700K



[A60] asymmetric, forward throw



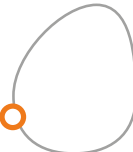




[P45L] pedestrian crossing, left-hand traffic



[P45R] pedestrian crossing, right-hand traffic

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