

Description

IP66. Class I / II. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection + primer 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 EC electronic converter. DALI. Advanced thermal management protects LEDs while optimising lumens output. LED board can be easily removed for upgrading. CAD- optimised OLC® optics for superior illumination and glare control. Optional 2200 K version up to max. 1050mA available. To be specified at time of ordering.

Maximum spacing for streetlighting applications depends on wattage and light distribution.

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	RFC® Reflection Free Contour technology		
Colours	RAL9004	RAL9006	RAL9007
	Signal black	White aluminium	Grey aluminium
Gasket	Silicone CCG® Controlled Compression Gasket		
Fasteners	PCS Polymer Coated Stainless Steel Hardware		
Ingress protection	IP66		
Impact resistance	IK08		
Corrosion resistance	5CE+Primer		

Electrical description


Power supply	220-240V / 50-60 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	C-D (Light source)


Additional information


Windage	0.046 m ²
Lifetime	Ta=40° L90B10 > 90000h


Options


Light distribution

 [S60] asymmetric, side throw

 [S65] asymmetric, side throw

 [S70] asymmetric, side throw

 [A60] asymmetric, forward throw

 [R65] rectangular, side throw

 [P65] pedestrian/bicycle lane

Colour temperature

 3000K

 4000K

 2700K

Nominal Watt




18 W




36 W

54 W

78 W

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[A60] asymmetric, forward throw</p>	105-7143	LED-18/18W/2700K	2114.7 lm	18 W	80
	105-9816	LED-18/18W/3000K	2260.5 lm	18 W	80
	105-9820	LED-18/18W/4000K	2479.3 lm	18 W	80
	105-7149	LED-18/36W/2700K	3750.2 lm	36 W	80
	105-9817	LED-18/36W/3000K	4028 lm	36 W	80
	105-9821	LED-18/36W/4000K	4305.8 lm	36 W	80
	105-7155	LED-18/54W/2700K	5873.6 lm	54 W	80
	105-9818	LED-18/54W/3000K	6160.2 lm	54 W	80
	105-9822	LED-18/54W/4000K	6446.7 lm	54 W	80
	105-9819	LED-18/78W/3000K	7485.3 lm	78 W	80
	105-9823	LED-18/78W/4000K	7825.6 lm	78 W	80
 <p>[P65] pedestrian/bicycle lane</p>	105-7145	LED-18/18W/2700K	2152.3 lm	18 W	80
	105-0100	LED-18/18W/3000K	2300.8 lm	18 W	80
	105-0101	LED-18/18W/4000K	2523.4 lm	18 W	80
	105-7151	LED-18/36W/2700K	3891 lm	36 W	80
	105-0102	LED-18/36W/3000K	4179.3 lm	36 W	80
	105-0103	LED-18/36W/4000K	4467.5 lm	36 W	80
	105-7157	LED-18/54W/2700K	6116 lm	54 W	80
	105-0104	LED-18/54W/3000K	6414.3 lm	54 W	80
 <p>[R65] rectangular, side throw</p>	105-0105	LED-18/54W/4000K	6712.7 lm	54 W	80
	105-7144	LED-18/18W/2700K	2170.4 lm	18 W	80
	105-9831	LED-18/18W/3000K	2320.1 lm	18 W	80
	105-9835	LED-18/18W/4000K	2544.7 lm	18 W	80
	105-7150	LED-18/36W/2700K	3849.1 lm	36 W	80
	105-9832	LED-18/36W/3000K	4134.2 lm	36 W	80
	105-9836	LED-18/36W/4000K	4419.4 lm	36 W	80
	105-7156	LED-18/54W/2700K	6003.7 lm	54 W	80
	105-9833	LED-18/54W/3000K	6296.5 lm	54 W	80
	105-9837	LED-18/54W/4000K	6589.4 lm	54 W	80
	105-7162	LED-18/78W/2700K	7233.7 lm	78 W	80
	105-9834	LED-18/78W/3000K	7651 lm	78 W	80
	105-9838	LED-18/78W/4000K	7998.8 lm	78 W	80
	105-7140	LED-18/18W/2700K	2317.9 lm	18 W	80
	105-9771	LED-18/18W/3000K	2477.7 lm	18 W	80

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	
 <p>[S60] asymmetric, side throw</p>	105-9775	LED-18/18W/4000K	2717.5 lm	18 W	80	
	105-7146	LED-18/36W/2700K	4110.6 lm	36 W	80	
	105-9772	LED-18/36W/3000K	4415.1 lm	36 W	80	
	105-9776	LED-18/36W/4000K	4719.6 lm	36 W	80	
	105-7152	LED-18/54W/2700K	6493.6 lm	54 W	80	
	105-9773	LED-18/54W/3000K	6810.3 lm	54 W	80	
	105-9777	LED-18/54W/4000K	7127.1 lm	54 W	80	
	105-9774	LED-18/78W/3000K	8275.2 lm	78 W	80	
	105-9778	LED-18/78W/4000K	8651.4 lm	78 W	80	
 <p>[S65] asymmetric, side throw</p>	105-7141	LED-18/18W/2700K	2356.9 lm	18 W	80	
	105-9786	LED-18/18W/3000K	2519.4 lm	18 W	80	
	105-9790	LED-18/18W/4000K	2763.2 lm	18 W	80	
	105-7147	LED-18/36W/2700K	4179.7 lm	36 W	80	
	105-9787	LED-18/36W/3000K	4489.4 lm	36 W	80	
	105-9791	LED-18/36W/4000K	4799 lm	36 W	80	
	105-0215	LED-18/54W/2700K	6638 lm	54 W	80	
	105-9788	LED-18/54W/3000K	6961.8 lm	54 W	80	
	105-9792	LED-18/54W/4000K	7285.6 lm	54 W	80	
	105-9789	LED-18/78W/3000K	8459.3 lm	78 W	80	
	105-9793	LED-18/78W/4000K	8843.8 lm	78 W	80	
	 <p>[S70] asymmetric, side throw</p>	105-7142	LED-18/18W/2700K	2318.3 lm	18 W	80
		105-9801	LED-18/18W/3000K	2478.2 lm	18 W	80
105-9805		LED-18/18W/4000K	2718 lm	18 W	80	
105-7148		LED-18/36W/2700K	4111.3 lm	36 W	80	
105-9802		LED-18/36W/3000K	4415.9 lm	36 W	80	
105-9806		LED-18/36W/4000K	4720.4 lm	36 W	80	
105-7154		LED-18/54W/2700K	6464.7 lm	54 W	80	
105-9803		LED-18/54W/3000K	6780.1 lm	54 W	80	
105-9807		LED-18/54W/4000K	7095.4 lm	54 W	80	
105-9804		LED-18/78W/3000K	8238.6 lm	78 W	80	
105-9812		LED-18/78W/4000K	8613.1 lm	78 W	80	