

Description

IP66, Class I or Class II. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. RFC® Reflection Free Contour main lens. Integral EC electronic converter. DALI. CAD-optimised OLC® One LED Concept optics for superior illumination and glare control. Factory installed LED circuit board. The luminaire is factory-sealed and does not need to be opened during installation.

Optional 2200 K version up to max. 1050mA available. To be specified at time of ordering.

The optional brackets RM are required for mounting. To be ordered separately.

Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy																
Lens	RFC® Reflection Free Contour technology																
Colours	<table><tr><td>RAL9004</td><td>RAL9006</td><td>RAL9016</td><td>RAL7016</td></tr><tr><td>Signal black</td><td>White aluminium</td><td>Traffic white</td><td>Anthracite grey</td></tr><tr><td>RAL9007</td><td></td><td></td><td></td></tr><tr><td>Grey aluminium</td><td></td><td></td><td></td></tr></table>	RAL9004	RAL9006	RAL9016	RAL7016	Signal black	White aluminium	Traffic white	Anthracite grey	RAL9007				Grey aluminium			
RAL9004	RAL9006	RAL9016	RAL7016														
Signal black	White aluminium	Traffic white	Anthracite grey														
RAL9007																	
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 EC electronic converter. DALI
Surge protection	6/6 kV (optional SP10)
Energy efficiency	C-D (Light source)


Additional information


Windage	0.046 m ²
Lifetime	Ta=25° 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


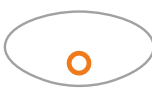
18 W



36 W

54 W

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	
 <p>[A60] asymmetric, forward throw</p>	105-0222	LED-18/18W/2700K	2114.7 lm	18 W	80	
	105-0222-70	LED-18/18W/2700K	2260.5 lm	18 W	70	
	105-9816	LED-18/18W/3000K	2260.5 lm	18 W	80	
	105-9816-70	LED-18/18W/3000K	2625.1 lm	18 W	70	
	105-9820	LED-18/18W/4000K	2479.3 lm	18 W	80	
	105-9820-70	LED-18/18W/4000K	2771 lm	18 W	70	
	105-0223	LED-18/36W/2700K	3750.2 lm	36 W	80	
	105-0223-70	LED-18/36W/2700K	4028 lm	36 W	70	
	105-9817	LED-18/36W/3000K	4028 lm	36 W	80	
	105-9817-70	LED-18/36W/3000K	4583.6 lm	36 W	70	
	105-9821	LED-18/36W/4000K	4305.8 lm	36 W	80	
	105-9821-70	LED-18/36W/4000K	4861.4 lm	36 W	70	
	105-0224	LED-18/54W/2700K	5873.6 lm	54 W	80	
	105-0224-70	LED-18/54W/2700K	6733.2 lm	54 W	70	
	105-9818	LED-18/54W/3000K	6160.2 lm	54 W	80	
	105-9818-70	LED-18/54W/3000K	7019.7 lm	54 W	70	
	105-9822	LED-18/54W/4000K	6446.7 lm	54 W	80	
	105-9822-70	LED-18/54W/4000K	7306.2 lm	54 W	70	
	 <p>[P65] pedestrian/bicycle lane</p>	105-0225	LED-18/18W/2700K	2152.3 lm	18 W	80
		105-0225-70	LED-18/18W/2700K	2300.8 lm	18 W	70
105-0100		LED-18/18W/3000K	2300.8 lm	18 W	80	
105-0100-70		LED-18/18W/3000K	2671.8 lm	18 W	70	
105-0101		LED-18/18W/4000K	2523.4 lm	18 W	80	
105-0101-70		LED-18/18W/4000K	2820.3 lm	18 W	70	
105-0226		LED-18/36W/2700K	3891 lm	36 W	80	
105-0226-70		LED-18/36W/2700K	4179.3 lm	36 W	70	
105-0102		LED-18/36W/3000K	4179.3 lm	36 W	80	
105-0102-70		LED-18/36W/3000K	4755.7 lm	36 W	70	
105-0103		LED-18/36W/4000K	4467.5 lm	36 W	80	
105-0103-70		LED-18/36W/4000K	5043.9 lm	36 W	70	
105-0227		LED-18/54W/2700K	6116 lm	54 W	80	
105-0104		LED-18/54W/3000K	6414.3 lm	54 W	80	
105-0104-70		LED-18/54W/3000K	7309.4 lm	54 W	70	
105-0105		LED-18/54W/4000K	6712.7 lm	54 W	80	

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	
 <p>[R65] rectangular, side throw</p>	105-0105-70	LED-18/54W/4000K	7607.7 lm	54 W	70	
	105-0219	LED-18/18W/2700K	2170.4 lm	18 W	80	
	105-0219-70	LED-18/18W/2700K	2320.1 lm	18 W	70	
	105-9831	LED-18/18W/3000K	2320.1 lm	18 W	80	
	105-9831-70	LED-18/18W/3000K	2694.3 lm	18 W	70	
	105-9835	LED-18/18W/4000K	2544.7 lm	18 W	80	
	105-9835-70	LED-18/18W/4000K	2844 lm	18 W	70	
	105-0220	LED-18/36W/2700K	3849.1 lm	36 W	80	
	105-0220-70	LED-18/36W/2700K	4134.2 lm	36 W	70	
	105-9832	LED-18/36W/3000K	4134.2 lm	36 W	80	
	105-9832-70	LED-18/36W/3000K	4704.5 lm	36 W	70	
	105-9836	LED-18/36W/4000K	4419.4 lm	36 W	80	
	105-9836-70	LED-18/36W/4000K	4989.6 lm	36 W	70	
	105-0221	LED-18/54W/2700K	6003.7 lm	54 W	80	
	105-9833	LED-18/54W/3000K	6296.5 lm	54 W	80	
	105-9833-70	LED-18/54W/3000K	7175.1 lm	54 W	70	
	105-9837	LED-18/54W/4000K	6589.4 lm	54 W	80	
	105-9837-70	LED-18/54W/4000K	7468 lm	54 W	70	
	 <p>[S60] asymmetric, side throw</p>	105-0210	LED-18/18W/2700K	2317.9 lm	18 W	80
		105-0210-70	LED-18/18W/2700K	2477.7 lm	18 W	70
105-9771		LED-18/18W/3000K	2477.7 lm	18 W	80	
105-9771-70		LED-18/18W/3000K	2877.4 lm	18 W	70	
105-9775		LED-18/18W/4000K	2717.5 lm	18 W	80	
105-9775-70		LED-18/18W/4000K	3037.2 lm	18 W	70	
105-0211		LED-18/36W/2700K	4110.6 lm	36 W	80	
105-0211-70		LED-18/36W/2700K	4415.1 lm	36 W	70	
105-9772		LED-18/36W/3000K	4415.1 lm	36 W	80	
105-9772-70		LED-18/36W/3000K	5024.1 lm	36 W	70	
105-9776		LED-18/36W/4000K	4719.6 lm	36 W	80	
105-9776-70		LED-18/36W/4000K	5328.6 lm	36 W	70	
105-0212		LED-18/54W/2700K	6493.6 lm	54 W	80	
105-0212-70		LED-18/54W/2700K	7443.8 lm	54 W	70	
105-9773		LED-18/54W/3000K	6810.3 lm	54 W	80	
105-9773-70		LED-18/54W/3000K	7760.6 lm	54 W	70	
105-9777		LED-18/54W/4000K	7127.1 lm	54 W	80	
105-9777-70		LED-18/54W/4000K	8077.4 lm	54 W	70	

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	
 <p>[S65] asymmetric, side throw</p>	105-0213	LED-18/18W/2700K	2356.9 lm	18 W	80	
	105-0213-70	LED-18/18W/2700K	2519.4 lm	18 W	70	
	105-9786	LED-18/18W/3000K	2519.4 lm	18 W	80	
	105-9786-70	LED-18/18W/3000K	2925.8 lm	18 W	70	
	105-9790	LED-18/18W/4000K	2763.2 lm	18 W	80	
	105-9790-70	LED-18/18W/4000K	3088.3 lm	18 W	70	
	105-0214	LED-18/36W/2700K	4179.7 lm	36 W	80	
	105-0214-70	LED-18/36W/2700K	4489.4 lm	36 W	70	
	105-9787	LED-18/36W/3000K	4489.4 lm	36 W	80	
	105-9787-70	LED-18/36W/3000K	5108.6 lm	36 W	70	
	105-9791	LED-18/36W/4000K	4799 lm	36 W	80	
	105-9791-70	LED-18/36W/4000K	5418.2 lm	36 W	70	
	105-0215	LED-18/54W/2700K	6638 lm	54 W	80	
	105-0215-70	LED-18/54W/2700K	7609.5 lm	54 W	70	
	105-9788	LED-18/54W/3000K	6961.8 lm	54 W	80	
	105-9788-70	LED-18/54W/3000K	7933.3 lm	54 W	70	
	105-9792	LED-18/54W/4000K	7285.6 lm	54 W	80	
	105-9792-70	LED-18/54W/4000K	8257.1 lm	54 W	70	
	 <p>[S70] asymmetric, side throw</p>	105-0216	LED-18/18W/2700K	2318.3 lm	18 W	80
		105-0216-70	LED-18/18W/2700K	2478.2 lm	18 W	70
105-9801		LED-18/18W/3000K	2478.2 lm	18 W	80	
105-9801-70		LED-18/18W/3000K	2877.9 lm	18 W	70	
105-9805		LED-18/18W/4000K	2718 lm	18 W	80	
105-9805-70		LED-18/18W/4000K	3037.8 lm	18 W	70	
105-0217		LED-18/36W/2700K	4111.3 lm	36 W	80	
105-0217-70		LED-18/36W/2700K	4415.9 lm	36 W	70	
105-9802		LED-18/36W/3000K	4415.9 lm	36 W	80	
105-9802-70		LED-18/36W/3000K	5024.9 lm	36 W	70	
105-9806		LED-18/36W/4000K	4720.4 lm	36 W	80	
105-9806-70		LED-18/36W/4000K	5329.5 lm	36 W	70	
105-0218		LED-18/54W/2700K	6464.7 lm	54 W	80	
105-0218-70		LED-18/54W/2700K	7410.8 lm	54 W	70	
105-9803		LED-18/54W/3000K	6780.1 lm	54 W	80	
105-9807		LED-18/54W/4000K	7095.4 lm	54 W	80	
105-9807-70		LED-18/54W/4000K	8041.5 lm	54 W	70	