

### 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	<b>RAL9004</b>	<b>RAL9006</b>	<b>RAL9007</b>
	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 <sup>2</sup>
Lifetime	Ta=40° L90B10 > 90000h


**Options**

**Light distribution**


 [S60] asymmetric, side throw

 [S65] asymmetric, side throw

 [S70] asymmetric, side throw

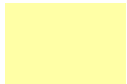
 [A60] asymmetric, forward throw

 [R65]

 [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
	105-7149-70	LED-18/36W/2700K	4028 lm	36 W	70
	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
	105-7155-70	LED-18/54W/2700K	6733.2 lm	54 W	70
	105-9818	LED-18/54W/3000K	6160.2 lm	54 W	80
	105-9822	LED-18/54W/4000K	6446.7 lm	54 W	80
	105-7161-70	LED-18/78W/2700K	8165.8 lm	78 W	70
	105-9819	LED-18/78W/3000K	7485.3 lm	78 W	80
	105-9819-70	LED-18/78W/3000K	8506.1 lm	78 W	70
	 <p>[P65] pedestrian/bicycle lane</p>	105-9823	LED-18/78W/4000K	7825.6 lm	78 W
105-9823-70		LED-18/78W/4000K	8846.3 lm	78 W	70
105-7145		LED-18/18W/2700K	2152.3 lm	18 W	80
105-7145-70		LED-18/18W/2700K	2300.8 lm	18 W	70
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
105-7151-70		LED-18/36W/2700K	4179.3 lm	36 W	70
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
105-0227-70		LED-18/54W/2700K	7011 lm	54 W	70
105-0104		LED-18/54W/3000K	6414.3 lm	54 W	80
105-0105		LED-18/54W/4000K	6712.7 lm	54 W	80
105-7163-70		LED-18/78W/2700K	8950.2 lm	78 W	70
105-7101-70	LED-18/78W/4000K	9696.1 lm	78 W	70	
	105-7144	LED-18/18W/2700K	2170.4 lm	18 W	80
	105-7144-70	LED-18/18W/2700K	2320.1 lm	18 W	70
	105-9831	LED-18/18W/3000K	2320.1 lm	18 W	80
	105-9835	LED-18/18W/4000K	2544.7 lm	18 W	80

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
[R65]	105-7150	LED-18/36W/2700K	3849.1 lm	36 W	80
	105-7150-70	LED-18/36W/2700K	4134.2 lm	36 W	70
	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
	105-7156-70	LED-18/54W/2700K	6882.2 lm	54 W	70
	105-0221-70	LED-18/54W/2700K	6882.2 lm	54 W	70
	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
	105-7162-70	LED-18/78W/2700K	8346.6 lm	78 W	70
	105-9834	LED-18/78W/3000K	7651 lm	78 W	80
	105-9834-70	LED-18/78W/3000K	8694.4 lm	78 W	70
	105-9838	LED-18/78W/4000K	7998.8 lm	78 W	80
	105-9838-70	LED-18/78W/4000K	9042.1 lm	78 W	70
 [S60] asymmetric, side throw	105-7140	LED-18/18W/2700K	2317.9 lm	18 W	80
	105-9771	LED-18/18W/3000K	2477.7 lm	18 W	80
	105-9775	LED-18/18W/4000K	2717.5 lm	18 W	80
	105-7146	LED-18/36W/2700K	4110.6 lm	36 W	80
	105-7146-70	LED-18/36W/2700K	4415.1 lm	36 W	70
	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
	105-7152-70	LED-18/54W/2700K	7443.8 lm	54 W	70
	105-9773	LED-18/54W/3000K	6810.3 lm	54 W	80
	105-9777	LED-18/54W/4000K	7127.1 lm	54 W	80
	105-7158-70	LED-18/78W/2700K	9027.5 lm	78 W	70
	105-9774	LED-18/78W/3000K	8275.2 lm	78 W	80
	105-9774-70	LED-18/78W/3000K	9403.7 lm	78 W	70
	105-9778	LED-18/78W/4000K	8651.4 lm	78 W	80
105-9778-70	LED-18/78W/4000K	9779.8 lm	78 W	70	
 [S65] asymmetric, side throw	105-7141	LED-18/18W/2700K	2356.9 lm	18 W	80
	105-7141-70	LED-18/18W/2700K	2519.4 lm	18 W	70
	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

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	105-7147-70	LED-18/36W/2700K	4489.4 lm	36 W	70
	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
	105-7153-70	LED-18/54W/2700K	7609.5 lm	54 W	70
	105-9788	LED-18/54W/3000K	6961.8 lm	54 W	80
	105-9792	LED-18/54W/4000K	7285.6 lm	54 W	80
	105-7159-70	LED-18/78W/2700K	9228.3 lm	78 W	70
	105-9789	LED-18/78W/3000K	8459.3 lm	78 W	80
	105-9789-70	LED-18/78W/3000K	9612.9 lm	78 W	70
	105-9793	LED-18/78W/4000K	8843.8 lm	78 W	80
	105-9793-70	LED-18/78W/4000K	9997.4 lm	78 W	70
	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	
[S70] asymmetric, side throw	105-7148	LED-18/36W/2700K	4111.3 lm	36 W	80
	105-7148-70	LED-18/36W/2700K	4415.9 lm	36 W	70
	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
	105-7154-70	LED-18/54W/2700K	7410.8 lm	54 W	70
	105-9803	LED-18/54W/3000K	6780.1 lm	54 W	80
	105-9803-70	LED-18/54W/3000K	7726.1 lm	54 W	70
	105-9807	LED-18/54W/4000K	7095.4 lm	54 W	80
	105-7160-70	LED-18/78W/2700K	8987.6 lm	78 W	70
	105-9804	LED-18/78W/3000K	8238.6 lm	78 W	80
	105-9804-70	LED-18/78W/3000K	9362 lm	78 W	70
	105-9812	LED-18/78W/4000K	8613.1 lm	78 W	80
	105-9812-70	LED-18/78W/4000K	9736.5 lm	78 W	70