

### Description

IP66, Class I. 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 electronic converter with DALI interface. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. 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.

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.

Wild-Light options available on request.

## Specifications

### Material description

Body	Marine-grade, die-cast aluminium alloy			
Lens	RFC™ Reflection Free Contour main lens			
Colours	<b>RAL9004</b>	<b>RAL9016</b>	<b>RAL7016</b>	<b>RAL9007</b>
	Signal black	Traffic white	Anthracite grey	Grey aluminium
Gasket	Silicone CCG® Controlled Compression Gasket			
Fasteners	PCS 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


Windage	0.046 m <sup>2</sup>
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]

 [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	LED-18/78W/2700K	7077 lm	78 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
	105-9823	LED-18/78W/4000K	7825.6 lm	78 W	80
	105-9823-70	LED-18/78W/4000K	8846.3 lm	78 W	70
	 <p>[P65] pedestrian/bicycle lane</p>	105-7145	LED-18/18W/2700K	2152.3 lm	18 W
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		LED-18/78W/2700K	7756.9 lm	78 W	80
105-7163-70		LED-18/78W/2700K	8950.2 lm	78 W	70
105-7100		LED-18/78W/3000K	8204.4 lm	78 W	80
105-7101		LED-18/78W/4000K	8577.3 lm	78 W	80
105-7101-70		LED-18/78W/4000K	9696.1 lm	78 W	70

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 [R65]	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
	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
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		LED-18/78W/2700K	7823.9 lm	78 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

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[S65] asymmetric, side throw</p>	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
	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
	105-7153	LED-18/54W/2700K	6638 lm	54 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	LED-18/78W/2700K	7997.9 lm	78 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
	 <p>[S70] asymmetric, side throw</p>	105-7142	LED-18/18W/2700K	2318.3 lm	18 W
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
105-7148-70		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		LED-18/78W/2700K	7789.2 lm	78 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

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Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	105-9812-70	LED-18/78W/4000K	9736.5 lm	78 W	70

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