

#### 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	<b>RAL9004</b> Signal black	<b>RAL9006</b> White aluminium	<b>RAL9016</b> Traffic white	<b>RAL7016</b> Anthracite grey
	<b>RAL9007</b> 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 <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>	105-0222	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
	105-7149-70	LED-18/36W/2700K	4028 lm	36 W	70
	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
	105-7155-70	LED-18/54W/2700K	6733.2 lm	54 W	70
	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
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>	105-0225	LED-18/18W/2700K	2152.3 lm	18 W	80
	105-7145-70	LED-18/18W/2700K	2300.8 lm	18 W	70
	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
	105-7151-70	LED-18/36W/2700K	4179.3 lm	36 W	70

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	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
	105-0227-70	LED-18/54W/2700K	7011 lm	54 W	70
	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
	105-0105-70	LED-18/54W/4000K	7607.7 lm	54 W	70
	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
	105-0219	LED-18/18W/2700K	2170.4 lm	18 W	80
	105-7144-70	LED-18/18W/2700K	2320.1 lm	18 W	70
	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
	105-7150-70	LED-18/36W/2700K	4134.2 lm	36 W	70
	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
	105-7156-70	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
	105-9833-70	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
	105-7162-70	LED-18/78W/2700K	8346.6 lm	78 W	70
	105-9834-70	LED-18/78W/3000K	8694.4 lm	78 W	70



[R65]

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	
 <p>[S60] asymmetric, side throw</p>	105-9838-70	LED-18/78W/4000K	9042.1 lm	78 W	70	
	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	
	105-7146-70	LED-18/36W/2700K	4415.1 lm	36 W	70	
	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	
	105-7152-70	LED-18/54W/2700K	7443.8 lm	54 W	70	
	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	
	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	
	 <p>[S65] asymmetric, side throw</p>	105-0213	LED-18/18W/2700K	2356.9 lm	18 W	80
		105-7141-70	LED-18/18W/2700K	2519.4 lm	18 W	70
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	
105-7147-70		LED-18/36W/2700K	4489.4 lm	36 W	70	
105-0214-70		LED-18/36W/2700K	4489.4 lm	36 W	70	

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	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
	105-7153-70	LED-18/54W/2700K	7609.5 lm	54 W	70
	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
	105-7159-70	LED-18/78W/2700K	9228.3 lm	78 W	70
	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
	105-0216	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
	105-7148-70	LED-18/36W/2700K	4415.9 lm	36 W	70
	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
	105-7154-70	LED-18/54W/2700K	7410.8 lm	54 W	70
	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
	105-9803-70	LED-18/54W/3000K	7726.1 lm	54 W	70
	105-9807	LED-18/54W/4000K	7095.4 lm	54 W	80
	105-9807-70	LED-18/54W/4000K	8041.5 lm	54 W	70
	105-7160-70	LED-18/78W/2700K	8987.6 lm	78 W	70



[S70] asymmetric, side throw

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Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	105-9804-70	LED-18/78W/3000K	9362 lm	78 W	70
	105-9812-70	LED-18/78W/4000K	9736.5 lm	78 W	70

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