

**Description**

IP66, Class I. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone rubber gasket. Safety glass lens, hinged. Protractor scale for accurate aiming from 0° to 15° above horizontal. Integral EC electronic converter in thermally separated compartment. DALI. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board.

Optional 2200 K version available. To be specified at time of ordering

## Specifications

### Material description

Body	Marine-grade, die-cast aluminium alloy																
Lens	Safety glass lens, hinged																
Colours	<table><tr><td><b>RAL9004</b></td><td><b>RAL9006</b></td><td><b>RAL9016</b></td><td><b>RAL7016</b></td></tr><tr><td>Signal black</td><td>White aluminium</td><td>Traffic white</td><td>Anthracite grey</td></tr><tr><td><b>RAL9007</b></td><td></td><td></td><td></td></tr><tr><td>Grey aluminium</td><td></td><td></td><td></td></tr></table>	<b>RAL9004</b>	<b>RAL9006</b>	<b>RAL9016</b>	<b>RAL7016</b>	Signal black	White aluminium	Traffic white	Anthracite grey	<b>RAL9007</b>				Grey aluminium			
<b>RAL9004</b>	<b>RAL9006</b>	<b>RAL9016</b>	<b>RAL7016</b>														
Signal black	White aluminium	Traffic white	Anthracite grey														
<b>RAL9007</b>																	
Grey aluminium																	
Gasket	Silicone rubber 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	0.045 m <sup>2</sup>
Lifetime	Ta=25° L90B10 > 90000h

## Options

### Light distribution

 [S65] asymmetric, side throw

 [R65] rectangular, side throw

 [A60] asymmetric, forward throw

### Colour temperature

 3000K

 4000K



### Nominal Watt


24 W

36 W

54 W

## Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	
 <p>[A60] asymmetric, forward throw</p>	147-0689	LED-12/24W/3000K	2606.4 lm	24 W	80	
	147-0689-70	LED-12/24W/3000K	2965.9 lm	24 W	70	
	147-0690	LED-12/24W/4000K	2786.2 lm	24 W	80	
	147-0690-70	LED-12/24W/4000K	3145.7 lm	24 W	70	
	147-0707	LED-12/36W/3000K	3864.7 lm	36 W	80	
	147-0707-70	LED-12/36W/3000K	4404 lm	36 W	70	
	147-0708	LED-12/36W/4000K	4044.5 lm	36 W	80	
	147-0708-70	LED-12/36W/4000K	4583.7 lm	36 W	70	
	147-0719	LED-18/36W/3000K	3909.6 lm	36 W	80	
	147-0719-70	LED-18/36W/3000K	4448.9 lm	36 W	70	
	147-0720	LED-18/36W/4000K	4179.3 lm	36 W	80	
	147-0720-70	LED-18/36W/4000K	4718.5 lm	36 W	70	
	147-0695	LED-18/54W/3000K	5797.1 lm	54 W	80	
	147-0695-70	LED-18/54W/3000K	6605.9 lm	54 W	70	
	147-0696	LED-18/54W/4000K	6066.7 lm	54 W	80	
	147-0696-70	LED-18/54W/4000K	6875.6 lm	54 W	70	
	 <p>[R65] rectangular, side throw</p>	147-0687	LED-12/24W/3000K	2434.4 lm	24 W	80
		147-0687-70	LED-12/24W/3000K	2770.2 lm	24 W	70
		147-0688	LED-12/24W/4000K	2602.3 lm	24 W	80
147-0688-70		LED-12/24W/4000K	2938.1 lm	24 W	70	
147-0705		LED-12/36W/3000K	3609.7 lm	36 W	80	
147-0705-70		LED-12/36W/3000K	4113.4 lm	36 W	70	
147-0706		LED-12/36W/4000K	3777.6 lm	36 W	80	
147-0706-70		LED-12/36W/4000K	4281.3 lm	36 W	70	
147-0717		LED-18/36W/3000K	3651.7 lm	36 W	80	
147-0717-70		LED-18/36W/3000K	4155.3 lm	36 W	70	
147-0718		LED-18/36W/4000K	3903.5 lm	36 W	80	
147-0718-70		LED-18/36W/4000K	4407.2 lm	36 W	70	
147-0693		LED-18/54W/3000K	5414.5 lm	54 W	80	
147-0693-70		LED-18/54W/3000K	6170 lm	54 W	70	
147-0694		LED-18/54W/4000K	5666.4 lm	54 W	80	
147-0694-70		LED-18/54W/4000K	6421.9 lm	54 W	70	
147-0685		LED-12/24W/3000K	2780.3 lm	24 W	80	
147-0685-70		LED-12/24W/3000K	3163.8 lm	24 W	70	

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[S65] asymmetric, side throw</p>	147-0686	LED-12/24W/4000K	2972.1 lm	24 W	80
	147-0686-70	LED-12/24W/4000K	3355.6 lm	24 W	70
	147-0703	LED-12/36W/3000K	4122.5 lm	36 W	80
	147-0703-70	LED-12/36W/3000K	4697.8 lm	36 W	70
	147-0704	LED-12/36W/4000K	4314.3 lm	36 W	80
	147-0704-70	LED-12/36W/4000K	4889.5 lm	36 W	70
	147-0715	LED-18/36W/3000K	4170.5 lm	36 W	80
	147-0715-70	LED-18/36W/3000K	4745.7 lm	36 W	70
	147-0716	LED-18/36W/4000K	4458.1 lm	36 W	80
	147-0716-70	LED-18/36W/4000K	5033.3 lm	36 W	70
	147-0691	LED-18/54W/3000K	6183.8 lm	54 W	80
	147-0691-70	LED-18/54W/3000K	7046.7 lm	54 W	70
	147-0692	LED-18/54W/4000K	6471.4 lm	54 W	80
	147-0692-70	LED-18/54W/4000K	7334.3 lm	54 W	70