

#### 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	0.09 m <sup>2</sup>
Lifetime	Ta=25° L90B10 > 90000h

## Options

### Light distribution

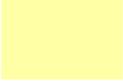
 [S65] asymmetric, side throw

 [R65]

 [A60] asymmetric, forward throw

### Colour temperature

 3000K

 4000K

### Nominal Watt

36 W

48 W

54 W

72 W

## Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[A60] asymmetric, forward throw</p>	147-0713	LED-18/36W/3000K	3899.6 lm	36 W	80
	147-0713-70	LED-18/36W/3000K	4437.5 lm	36 W	70
	147-0714	LED-18/36W/4000K	4168.6 lm	36 W	80
	147-0714-70	LED-18/36W/4000K	4706.4 lm	36 W	70
	147-0701	LED-18/54W/3000K	5782.2 lm	54 W	80
	147-0701-70	LED-18/54W/3000K	6589 lm	54 W	70
	147-0702	LED-18/54W/4000K	6051.1 lm	54 W	80
	147-0702-70	LED-18/54W/4000K	6857.9 lm	54 W	70
	147-0725	LED-24/48W/3000K	5199.5 lm	48 W	80
	147-0725-70	LED-24/48W/3000K	5916.7 lm	48 W	70
	147-0726	LED-24/48W/4000K	5558.1 lm	48 W	80
	147-0726-70	LED-24/48W/4000K	6275.2 lm	48 W	70
	147-0683	LED-24/72W/3000K	7709.6 lm	72 W	80
	147-0683-70	LED-24/72W/3000K	8785.3 lm	72 W	70
	147-0684	LED-24/72W/4000K	8068.2 lm	72 W	80
147-0684-70	LED-24/72W/4000K	9143.9 lm	72 W	70	
 <p>[R65]</p>	147-0711	LED-18/36W/3000K	3810.8 lm	36 W	80
	147-0711-70	LED-18/36W/3000K	4336.5 lm	36 W	70
	147-0712	LED-18/36W/4000K	4073.6 lm	36 W	80
	147-0712-70	LED-18/36W/4000K	4599.3 lm	36 W	70
	147-0699	LED-18/54W/3000K	5650.5 lm	54 W	80
	147-0699-70	LED-18/54W/3000K	6439 lm	54 W	70
	147-0700	LED-18/54W/4000K	5913.3 lm	54 W	80
	147-0700-70	LED-18/54W/4000K	6701.8 lm	54 W	70
	147-0723	LED-24/48W/3000K	5081.1 lm	48 W	80
	147-0723-70	LED-24/48W/3000K	5781.9 lm	48 W	70
	147-0724	LED-24/48W/4000K	5431.5 lm	48 W	80
	147-0724-70	LED-24/48W/4000K	6132.4 lm	48 W	70
	147-0681	LED-24/72W/3000K	7534 lm	72 W	80
	147-0681-70	LED-24/72W/3000K	8585.3 lm	72 W	70
	147-0682	LED-24/72W/4000K	7884.5 lm	72 W	80
	147-0682-70	LED-24/72W/4000K	8935.7 lm	72 W	70
	147-0709	LED-18/36W/3000K	4182.9 lm	36 W	80
	147-0709-70	LED-18/36W/3000K	4759.8 lm	36 W	70

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 [S65] asymmetric, side throw	147-0710	LED-18/36W/4000K	4471.4 lm	36 W	80
	147-0710-70	LED-18/36W/4000K	5048.3 lm	36 W	70
	147-0697	LED-18/54W/3000K	6202.2 lm	54 W	80
	147-0697-70	LED-18/54W/3000K	7067.6 lm	54 W	70
	147-0698	LED-18/54W/4000K	6490.7 lm	54 W	80
	147-0698-70	LED-18/54W/4000K	7356.1 lm	54 W	70
	147-0721	LED-24/48W/3000K	5577.2 lm	48 W	80
	147-0721-70	LED-24/48W/3000K	6346.4 lm	48 W	70
	147-0722	LED-24/48W/4000K	5961.8 lm	48 W	80
	147-0722-70	LED-24/48W/4000K	6731.1 lm	48 W	70
	147-0679	LED-24/72W/3000K	8269.6 lm	72 W	80
	147-0679-70	LED-24/72W/3000K	9423.5 lm	72 W	70
	147-0680	LED-24/72W/4000K	8654.2 lm	72 W	80
	147-0680-70	LED-24/72W/4000K	9808.1 lm	72 W	70