

**Description**

IP66. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection + primer including PCS hardware. Safety glass lens, hinged. Silicone CCG® Controlled Compression Gasket. Protractor scale for accurate aiming from 0° to 15° above horizontal.

Integral EC electronic converter in thermally-shielded compartment. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

## Specifications

### Material description

Body	Marine-grade, die-cast aluminium alloy		
Lens	Safety glass lens, hinged		
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 (unpainted)		
Ingress protection	IP66		
Impact resistance	IK08		
Corrosion resistance	5CE+Primer		

### Electrical description


Power supply	230V / 50 Hz
Driver / Ballast	Integral EC electronic converter. DALI
Surge protection	Internal surge protection SP10 device supplied.
Energy efficiency	The product is supplied with 10-year warranty. Please refer to the LED Warranty Statement located on <a href="http://www.we-ef.com">www.we-ef.com</a> for further details.

### Additional information


Windage	0.045 m <sup>2</sup>
Lifetime	Ta=40° 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
 [A60] asymmetric, forward throw	147-0689	LED-12/24W/3000K	2606.4 lm	24 W	80
	147-0690	LED-12/24W/4000K	2786.2 lm	24 W	80
	147-0707	LED-12/36W/3000K	3864.7 lm	36 W	80
	147-0708	LED-12/36W/4000K	4044.5 lm	36 W	80
	147-0719	LED-18/36W/3000K	3909.6 lm	36 W	80
	147-0720	LED-18/36W/4000K	4179.3 lm	36 W	80
	147-0695	LED-18/54W/3000K	5797.1 lm	54 W	80
	147-0696	LED-18/54W/4000K	6066.7 lm	54 W	80
 [R65] rectangular, side throw	147-0687	LED-12/24W/3000K	2434.4 lm	24 W	80
	147-0688	LED-12/24W/4000K	2602.3 lm	24 W	80
	147-0705	LED-12/36W/3000K	3609.7 lm	36 W	80
	147-0706	LED-12/36W/4000K	3777.6 lm	36 W	80
	147-0717	LED-18/36W/3000K	3651.7 lm	36 W	80
	147-0718	LED-18/36W/4000K	3903.5 lm	36 W	80
	147-0693	LED-18/54W/3000K	5414.5 lm	54 W	80
	147-0694	LED-18/54W/4000K	5666.4 lm	54 W	80
 [S65] asymmetric, side throw	147-0685	LED-12/24W/3000K	2780.3 lm	24 W	80
	147-0686	LED-12/24W/4000K	2972.1 lm	24 W	80
	147-0703	LED-12/36W/3000K	4122.5 lm	36 W	80
	147-0704	LED-12/36W/4000K	4314.3 lm	36 W	80
	147-0715	LED-18/36W/3000K	4170.5 lm	36 W	80
	147-0716	LED-18/36W/4000K	4458.1 lm	36 W	80
	147-0691	LED-18/54W/3000K	6183.8 lm	54 W	80
	147-0692	LED-18/54W/4000K	6471.4 lm	54 W	80