

**Description**

IP66, Class I. Class II on request. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. Integral EC electronic converter in thermally separated compartment. 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 the installation.

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			
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 rubber gaskets			
Fasteners	PCS Polymer Coated Stainless Steel Hardware			
Ingress protection	IP66			
Impact resistance	IK07			
Corrosion resistance	5CE			

### Electrical description





Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter in thermally-separated compartment
Surge protection	1/2 kV
Energy efficiency	C-D (Light source)

### Additional information




Lifetime	Ta=25° L90B10 > 90000h
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**Options**

**Light distribution**

- 
[M] symmetric, medium beam
- 
[EES] symmetric, very narrow beam, sharp cut-off
- 
[B] symmetric, wide beam
- 
[EE] symmetric, very narrow beam





**Colour temperature**

- 
3000K
- 
4000K
- 
2700K

**Nominal Watt**

24 W

## Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	146-0796	LED-12/24W/2700K	2522.3 lm	24 W	80
	146-0494	LED-12/24W/3000K	2709.2 lm	24 W	80
	146-0495	LED-12/24W/4000K	2896 lm	24 W	80
[B] symmetric, wide beam					
	146-0951	LED-12/24W/2700K	2684.8 lm	24 W	80
	146-0497	LED-12/24W/3000K	2883.7 lm	24 W	80
	146-0498	LED-12/24W/4000K	3082.5 lm	24 W	80
[EE] symmetric, very narrow beam					
	146-0971	LED-12/24W/2700K	2865.6 lm	24 W	80
	146-0402	LED-12/24W/3000K	3077.9 lm	24 W	80
	146-0403	LED-12/24W/4000K	3290.2 lm	24 W	80
[EES] symmetric, very narrow beam, sharp cut-off					
	146-0922	LED-12/24W/2700K	2791.8 lm	24 W	80
	146-0399	LED-12/24W/3000K	2998.6 lm	24 W	80
	146-0400	LED-12/24W/4000K	3205.4 lm	24 W	80
[M] symmetric, medium beam					