

**Description**

IP66, Class I. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens. Silicone CCG® Controlled Compression Gasket.

Integral EC electronic converter in thermally-separated compartment. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. 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>	<b>RAL9016</b>	<b>RAL7016</b>	<b>RAL9007</b>
	Signal black	Traffic white	Anthracite grey	Grey aluminium
Gasket	Silicone CCG® Controlled Compression Gasket			
Fasteners	PCS 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
- 
[EE] symmetric, very narrow beam
- 
[B] symmetric, wide beam
- 
[EES] symmetric, very narrow beam, sharp cut-off





**Colour temperature**

- 
3000K
- 
4000K
- 
2700K

**Nominal Watt**

- 24 W
- 36 W

## Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 [B] symmetric, wide beam	145-0316	LED-12/24W/2700K	2138.3 lm	24 W	80
	145-9604	LED-12/24W/3000K	2296.7 lm	24 W	80
	145-9606	LED-12/24W/4000K	2455 lm	24 W	80
	145-9902	LED-12/36W/3000K	3795.1 lm	36 W	80
	145-9903	LED-12/36W/4000K	3971.6 lm	36 W	80
 [EE] symmetric, very narrow beam	145-0318	LED-12/24W/2700K	2570.2 lm	24 W	80
	145-9550	LED-12/24W/3000K	2786.9 lm	24 W	80
	145-9553	LED-12/24W/4000K	2979.1 lm	24 W	80
	145-9900	LED-12/36W/3000K	4093.2 lm	36 W	80
	145-9901	LED-12/36W/4000K	4283.6 lm	36 W	80
 [EES] symmetric, very narrow beam, sharp cut-off	145-0319	LED-12/24W/2700K	2779.9 lm	24 W	80
	145-9605	LED-12/24W/3000K	2985.8 lm	24 W	80
	145-9607	LED-12/24W/4000K	3191.8 lm	24 W	80
 [M] symmetric, medium beam	145-0317	LED-12/24W/2700K	2715.8 lm	24 W	80
	145-9549	LED-12/24W/3000K	2908.1 lm	24 W	80
	145-9552	LED-12/24W/4000K	3108.7 lm	24 W	80
	145-9898	LED-12/36W/3000K	4325.2 lm	36 W	80
	145-9899	LED-12/36W/4000K	4526.4 lm	36 W	80