

**Description**

IP66, Class I. IK07. Marine-grade, all-aluminium construction. 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. Two cable entries.

Knuckle permits 350° horizontal and 180° vertical aiming of optics.

## Specifications

### Material description

Body	Marine-grade, all-aluminium construction			
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	IP55			
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

Listings	Knuckle permits 350° horizontal and 180° vertical aiming of optics
Lifetime	Ta=25° L90B10 > 90000h

**Options**

**Light distribution**

**Colour temperature**

**Nominal Watt**



[M] symmetric, medium beam

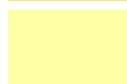


3000K

12 W



[EES] symmetric, very narrow beam, sharp cut-off



4000K



[B] symmetric, wide beam







2700K



[EE] symmetric, very narrow beam

## Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	145-0293	LED-6/12W/2700K	1254.2 lm	12 W	80
	145-0071	LED-6/12W/4000K	1440 lm	12 W	80
[B] symmetric, wide beam					
	145-0295	LED-6/12W/2700K	1393.3 lm	12 W	80
	145-0074	LED-6/12W/4000K	1599.7 lm	12 W	80
[EE] symmetric, very narrow beam					
	145-0296	LED-6/12W/2700K	1499.6 lm	12 W	80
	145-0040	LED-6/12W/3000K	1610.7 lm	12 W	80
[EES] symmetric, very narrow beam, sharp cut-off					
	145-0294	LED-6/12W/2700K	1407.5 lm	12 W	80
	145-0037	LED-6/12W/3000K	1511.8 lm	12 W	80
	145-0038	LED-6/12W/4000K	1616.1 lm	12 W	80
[M] symmetric, medium beam					