

### Description

IP66, Class I. IK07. Marine-grade, all aluminium construction. 5CE superior corrosion protection including PCS hardware. Safety glass lens. Silicone CCG<sup>®</sup> 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<sup>®</sup> 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> Signal black	<b>RAL9016</b> Traffic white	<b>RAL7016</b> Anthracite grey	<b>RAL9007</b> Grey aluminium
Gasket	Silicone CCG® Controlled Compression Gasket			
Fasteners	PCS hardware			
Impact resistance	IK07			
Corrosion resistance	5CE			

### Electrical description





Driver / Ballast	Integral EC electronic converter in thermally-separated compartment
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### Additional information




Listings	Knuckle permits 350° horizontal and 180° vertical aiming of optics
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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**

- 12 W
- 18 W

## Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 [B] symmetric, wide beam	145-7141	LED-6/12W/2700K	1069.1 lm	12 W	80
	145-9586	LED-6/12W/3000K	1148.3 lm	12 W	80
	145-9587	LED-6/12W/4000K	1227.5 lm	12 W	80
	145-7159	LED-6/18W/2700K	1924.9 lm	18 W	80
	145-9886	LED-6/18W/3000K	2018.8 lm	18 W	80
	145-9887	LED-6/18W/4000K	2112.7 lm	18 W	80
 [EE] symmetric, very narrow beam	145-7142	LED-6/12W/2700K	1297.3 lm	12 W	80
	145-9582	LED-6/12W/3000K	1393.4 lm	12 W	80
	145-9585	LED-6/12W/4000K	1489.5 lm	12 W	80
	145-7160	LED-6/18W/2700K	2064.9 lm	18 W	80
	145-9884	LED-6/18W/3000K	2165.6 lm	18 W	80
	145-9885	LED-6/18W/4000K	2266.4 lm	18 W	80
 [EES] symmetric, very narrow beam, sharp cut-off	145-7143	LED-6/12W/2700K	1390 lm	12 W	80
	145-9588	LED-6/12W/3000K	1492.9 lm	12 W	80
	145-9589	LED-6/12W/4000K	1595.9 lm	12 W	80
 [M] symmetric, medium beam	145-7140	LED-6/12W/2700K	1353.8 lm	12 W	80
	145-9581	LED-6/12W/3000K	1454.1 lm	12 W	80
	145-9584	LED-6/12W/4000K	1554.3 lm	12 W	80
	145-7158	LED-6/18W/2700K	2066.4 lm	18 W	80
	145-9882	LED-6/18W/3000K	2167.2 lm	18 W	80
	145-9883	LED-6/18W/4000K	2268 lm	18 W	80