

### 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	<table><tr><td><b>RAL9004</b></td><td><b>RAL9016</b></td><td><b>RAL7016</b></td><td><b>RAL9007</b></td></tr><tr><td>Signal black</td><td>Traffic white</td><td>Anthracite grey</td><td>Grey aluminium</td></tr></table>	<b>RAL9004</b>	<b>RAL9016</b>	<b>RAL7016</b>	<b>RAL9007</b>	Signal black	Traffic white	Anthracite grey	Grey aluminium
<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								
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
- 
[EES] symmetric, very narrow beam, sharp cut-off
- 
[B] symmetric, wide beam





**Colour temperature**

- 
3000K
- 
4000K
- 
2700K

**Nominal Watt**

- 6 W
- 9 W

## Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 [B] symmetric, wide beam	145-7108	LED-3/6W/2700K	544.6 lm	6 W	80
	145-7082	LED-3/6W/3000K	584.9 lm	6 W	80
	145-7083	LED-3/6W/4000K	625.3 lm	6 W	80
	145-7123	LED-3/9W/2700K	802.3 lm	9 W	80
	145-7016	LED-3/9W/3000K	841.5 lm	9 W	80
	145-7017	LED-3/9W/4000K	880.6 lm	9 W	80
 [EE] symmetric, very narrow beam	145-9801	LED-3/6W/3000K	650.7 lm	6 W	80
	145-7110	LED-3/6W/3000K	605.8 lm	6 W	80
	145-9805	LED-3/6W/4000K	695.6 lm	6 W	80
	145-7125	LED-3/9W/2700K	1009.5 lm	9 W	80
	145-7020	LED-3/9W/3000K	1058.8 lm	9 W	80
	145-7021	LED-3/9W/4000K	1108 lm	9 W	80
 [EES] symmetric, very narrow beam, sharp cut-off	145-7111	LED-3/6W/2700K	652.3 lm	6 W	80
	145-9802	LED-3/6W/3000K	700.7 lm	6 W	80
	145-9806	LED-3/6W/4000K	749 lm	6 W	80
 [M] symmetric, medium beam	145-7109	LED-3/6W/2700K	648.3 lm	6 W	80
	145-9800	LED-3/6W/3000K	696.3 lm	6 W	80
	145-9804	LED-3/6W/4000K	744.3 lm	6 W	80
	145-7124	LED-3/9W/2700K	920.5 lm	9 W	80
	145-7018	LED-3/9W/3000K	965.4 lm	9 W	80
	145-7019	LED-3/9W/4000K	1010.3 lm	9 W	80