

**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.

For 2200 K version available on request, except [EES] distribution.

## 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 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	6/6 kV (optional SP10)

### Additional information

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

**Light distribution**

- 
[M] symmetric, medium beam
- 
[E] symmetric, narrow 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**

48 W
72 W
104 W
96 W
127 W

**Configurations**

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[B] symmetric, wide beam</p>	139-2251	LED-24/48W/2700K	5568.9 lm	48 W	80
	139-1921	LED-24/48W/3000K	5981.4 lm	48 W	80
	139-1922	LED-24/48W/4000K	6393.9 lm	48 W	80
	139-2249	LED-24/72W/2700K	8456.5 lm	72 W	80
	139-1923	LED-24/72W/3000K	8869 lm	72 W	80
	139-1924	LED-24/72W/4000K	9281.5 lm	72 W	80
	139-2227	LED-24/104W/2700K	10362.9 lm	104 W	80
	139-1925	LED-24/104W/3000K	10960.8 lm	104 W	80
	139-1926	LED-24/104W/4000K	11459 lm	104 W	80
	 <p>[E] symmetric, narrow beam</p>	139-2253	LED-24/48W/2700K	5522 lm	48 W
139-1814		LED-24/48W/3000K	5931 lm	48 W	80
139-1815		LED-24/48W/4000K	6340.1 lm	48 W	80
139-2250		LED-24/72W/2700K	8385.2 lm	72 W	80
139-1820		LED-24/72W/3000K	8794.3 lm	72 W	80
139-1821		LED-24/72W/4000K	9203.3 lm	72 W	80
139-2229		LED-24/104W/2700K	10234 lm	104 W	80
139-1826		LED-24/104W/3000K	10824.4 lm	104 W	80
139-1827		LED-24/104W/4000K	11316.5 lm	104 W	80
 <p>[EE] symmetric, very narrow beam</p>		139-2265	LED-24/48W/2700K	5810.6 lm	48 W
	139-1816	LED-24/48W/3000K	6241 lm	48 W	80
	139-1817	LED-24/48W/4000K	6671.5 lm	48 W	80
	139-2272	LED-24/72W/2700K	8823.6 lm	72 W	80
	139-1822	LED-24/72W/3000K	9254 lm	72 W	80
	139-1823	LED-24/72W/4000K	9684.4 lm	72 W	80
	139-2278	LED-24/104W/2700K	10967.4 lm	104 W	80
	139-1828	LED-24/104W/3000K	11600.1 lm	104 W	80
	139-1829	LED-24/104W/4000K	12127.4 lm	104 W	80
	 <p>[EES] symmetric, very narrow beam, sharp cut-off</p>	139-3137	LED-48/72W/2700K	6498.9 lm	72 W
139-3138		LED-48/72W/3000K	6947.1 lm	72 W	80
139-3139		LED-48/72W/4000K	6947.1 lm	72 W	80
139-3141		LED-48/96W/2700K	8515.8 lm	96 W	80
139-3142		LED-48/96W/3000K	9188.2 lm	96 W	80
139-3143		LED-48/96W/4000K	9188.2 lm	96 W	80
139-3145		LED-48/127W/2700K	10308.7 lm	127 W	80

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[M] symmetric, medium beam</p>	139-3146	LED-48/127W/3000K	10981 lm	127 W	80
	139-3147	LED-48/127W/4000K	10981 lm	127 W	80
	139-2252	LED-24/48W/2700K	5869.9 lm	48 W	80
	139-1812	LED-24/48W/3000K	6304.7 lm	48 W	80
	139-1813	LED-24/48W/4000K	6739.5 lm	48 W	80
	139-2152	LED-24/72W/2700K	8913.5 lm	72 W	80
	139-1818	LED-24/72W/3000K	9348.3 lm	72 W	80
	139-1819	LED-24/72W/4000K	9783.1 lm	72 W	80
	139-2228	LED-24/104W/2700K	10870.4 lm	104 W	80
	139-1824	LED-24/104W/3000K	11497.6 lm	104 W	80
	139-1825	LED-24/104W/4000K	12020.2 lm	104 W	80