

Description

IP66. Class I. IK07. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. One cable gland, second gland for through wiring on request. CAD-optimized optics for superior illumination and glare control. Integral driver, thermally separated. OLC® One LED Concept. Factory-installed LED circuit board. 0-10V Dimming on request.

A maximum of one internal optical accessory.

Optional 2200K version available, except [VNS] version, to be specified at time of order.

Specify product with 7 Digit product code - Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately.

Example: XXX-XXXX-9004 (Black)
+ XXX-XXXX (Accessory 1)

Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy			
Lens	Safety glass lens			
Colors	RAL9004	RAL9016	RAL8019	RAL9007
	Signal black	Traffic white	Grey brown	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	Integral [ECG] electronic driver 120V-277V. 0-10V dimmable, to be specified with order.
Driver / Ballast	Integral EC electronic converter in thermally-separated compartment
Surge protection	Integral 10kV Surge Protector

Additional information

Listings	ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations. Meets ANSI C136.31 - 3G Vibration Rating for Bridge and Overpass Applications.
Windage	1.176
Lifetime	Ta=25°/40° L90B10 > 90000h

Options

Light distribution



[M] symmetric, medium beam



[N] bi-symmetric, narrow beam



[VN] symmetric, very narrow beam



[W] bi-symmetric, wide beam



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

Color temperature

Nominal Watt



3000K



4000K



2700K

48 W


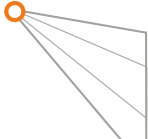


72 W

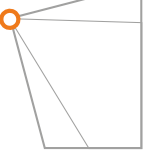
104 W

96 W

127 W

Configurations

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI
 <p>[M] symmetric, medium beam</p>	139-2252_us	LED-24/48W/2700K	5869.9 lm	48 W	80
	139-1812_us	LED-24/48W/3000K	6304.7 lm	48 W	80
	139-1813_us	LED-24/48W/4000K	6739.5 lm	48 W	80
	139-2152_us	LED-24/72W/2700K	8913.5 lm	72 W	80
	139-1818_us	LED-24/72W/3000K	9348.3 lm	72 W	80
	139-1819_us	LED-24/72W/4000K	9783.1 lm	72 W	80
	139-2228_us	LED-24/104W/2700K	10870.4 lm	104 W	80
	139-1824_us	LED-24/104W/3000K	11497.6 lm	104 W	80
	139-1825_us	LED-24/104W/4000K	12020.2 lm	104 W	80
 <p>[N] bi-symmetric, narrow beam</p>	139-2253_us	LED-24/48W/2700K	5522 lm	48 W	80
	139-1814_us	LED-24/48W/3000K	5931 lm	48 W	80
	139-1815_us	LED-24/48W/4000K	6340.1 lm	48 W	80
	139-2250_us	LED-24/72W/2700K	8385.2 lm	72 W	80
	139-1820_us	LED-24/72W/3000K	8794.3 lm	72 W	80
	139-1821_us	LED-24/72W/4000K	9203.3 lm	72 W	80
	139-2229_us	LED-24/104W/2700K	10234 lm	104 W	80
	139-1826_us	LED-24/104W/3000K	10824.4 lm	104 W	80
	139-1827_us	LED-24/104W/4000K	11316.5 lm	104 W	80
 <p>[VN] symmetric, very narrow beam</p>	139-2265_us	LED-24/48W/2700K	5810.6 lm	48 W	80
	139-1816_us	LED-24/48W/3000K	6241 lm	48 W	80
	139-1817_us	LED-24/48W/4000K	6671.5 lm	48 W	80
	139-2272_us	LED-24/72W/2700K	8823.6 lm	72 W	80
	139-1822_us	LED-24/72W/3000K	9254 lm	72 W	80
	139-1823_us	LED-24/72W/4000K	9684.4 lm	72 W	80
	139-2278_us	LED-24/104W/2700K	10967.4 lm	104 W	80
	139-1828_us	LED-24/104W/3000K	11600.1 lm	104 W	80
	139-1829_us	LED-24/104W/4000K	12127.4 lm	104 W	80
	139-3137_us	LED-48/72W/2700K	6498.9 lm	72 W	80
	139-3138_us	LED-48/72W/3000K	6947.1 lm	72 W	80
	139-3139_us	LED-48/72W/4000K	6947.1 lm	72 W	80
	139-3141_us	LED-48/96W/2700K	8515.8 lm	96 W	80
	139-3142_us	LED-48/96W/3000K	9188.2 lm	96 W	80

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI
[VNS] symmetric, very narrow beam, sharp cut-off	139-3143_us	LED-48/96W/4000K	9188.2 lm	96 W	80
	139-3145_us	LED-48/127W/2700K	10308.7 lm	127 W	80
	139-3146_us	LED-48/127W/3000K	10981 lm	127 W	80
	139-3147_us	LED-48/127W/4000K	10981 lm	127 W	80
 [W] bi-symmetric, wide beam	139-2251_us	LED-24/48W/2700K	5568.9 lm	48 W	80
	139-1921_us	LED-24/48W/3000K	5981.4 lm	48 W	80
	139-1922_us	LED-24/48W/4000K	6393.9 lm	48 W	80
	139-2249_us	LED-24/72W/2700K	8456.5 lm	72 W	80
	139-1923_us	LED-24/72W/3000K	8869 lm	72 W	80
	139-1924_us	LED-24/72W/4000K	9281.5 lm	72 W	80
	139-2227_us	LED-24/104W/2700K	10362.9 lm	104 W	80
	139-1925_us	LED-24/104W/3000K	10960.8 lm	104 W	80
	139-1926_us	LED-24/104W/4000K	11459 lm	104 W	80