

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 superior corrosion protection system			

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
Energy efficiency	C-D (Light source)

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	0.684
Lifetime	Ta=25°/40° L90B10 > 90000h

Options




Light distribution

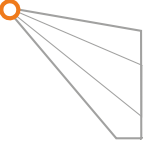

Color temperature


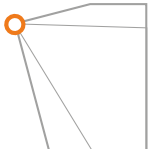
Nominal Watt

	[M] symmetric, medium beam		3000K	24 W
	[N] bi-symmetric, narrow beam		4000K	36 W
	[VN] symmetric, very narrow beam		2700K	52 W
	[W] bi-symmetric, wide beam			48 W
	[EE] symmetric, very narrow beam			72 W
	[E] symmetric, narrow beam			
	[VNS] symmetric, very narrow beam, sharp cut-off			

Configurations

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI
 <p>[E] symmetric, narrow beam</p>	139-2079 +139-1849+IO-180	LED-12/36W/2700K	3774.9 lm	36 W	80
	139-2263 +139-1849+IO-180	LED-12/24W/2700K	2768.8 lm	24 W	80
 <p>[EE] symmetric, very narrow beam</p>	139-1834 +139-1849+IO-180	LED-12/24W/3000K	2973.9 lm	24 W	80
	139-1835 +139-1849+IO-180	LED-12/24W/4000K	3179 lm	24 W	80
	139-2077 +139-1849+IO-180	LED-12/36W/2700K	4204.5 lm	36 W	80
	139-1840 +139-1849+IO-180	LED-12/36W/3000K	4409.6 lm	36 W	80
	139-1841 +139-1849+IO-180	LED-12/36W/4000K	4614.7 lm	36 W	80
	139-2191 +139-1849+IO-180	LED-12/52W/2700K	5129.4 lm	52 W	80
	139-1846 +139-1849+IO-180	LED-12/52W/3000K	5425.3 lm	52 W	80
	139-1847 +139-1849+IO-180	LED-12/52W/4000K	5671.9 lm	52 W	80
	139-2151_us +139-1848+IO-20	LED-12/24W/2700K	2934.9 lm	24 W	80
	139-2151 +139-1848+IO-20	LED-12/24W/2700K	2437.4 lm	24 W	80
 <p>[M] symmetric, medium beam</p>	139-1830_us +139-1848+IO-20	LED-12/24W/3000K	3152.3 lm	24 W	80
	139-1830 +139-1848+IO-20	LED-12/24W/3000K	2617.9 lm	24 W	80
	139-1831_us +139-1848+IO-20	LED-12/24W/4000K	3369.7 lm	24 W	80
	139-1831 +139-1848+IO-20	LED-12/24W/4000K	2798.5 lm	24 W	80
	139-2240_us +139-1848+IO-20	LED-12/36W/2700K	4456.7 lm	36 W	80
	139-2240 +139-1848+IO-20	LED-12/36W/2700K	3701.2 lm	36 W	80

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI
	139-1836_us	LED-12/36W/3000K	4674.1 lm	36 W	80
	139-1836 +139-1848+IO-20	LED-12/36W/3000K	3881.7 lm	36 W	80
	139-1837_us	LED-12/36W/4000K	4891.5 lm	36 W	80
	139-1837 +139-1848+IO-20	LED-12/36W/4000K	4062.3 lm	36 W	80
	139-2108_us	LED-12/52W/2700K	5435.2 lm	52 W	80
	139-2108 +139-1848+IO-20	LED-12/52W/2700K	4513.7 lm	52 W	80
	139-1842_us	LED-12/52W/3000K	5748.8 lm	52 W	80
	139-1842 +139-1848+IO-20	LED-12/52W/3000K	4774.1 lm	52 W	80
	139-1843_us	LED-12/52W/4000K	6010.1 lm	52 W	80
	139-1843 +139-1848+IO-20	LED-12/52W/4000K	4991.1 lm	52 W	80
 <p>[N] bi-symmetric, narrow beam</p>	139-2242_us	LED-12/24W/2700K	2761 lm	24 W	80
	139-1832_us	LED-12/24W/3000K	2965.5 lm	24 W	80
	139-1833_us	LED-12/24W/4000K	3170 lm	24 W	80
	139-2079_us	LED-12/36W/2700K	4192.6 lm	36 W	80
	139-1838_us	LED-12/36W/3000K	4397.1 lm	36 W	80
	139-1839_us	LED-12/36W/4000K	4601.7 lm	36 W	80
	139-2214_us	LED-12/52W/2700K	5117 lm	52 W	80
	139-1844_us	LED-12/52W/3000K	5412.2 lm	52 W	80
	139-1845_us	LED-12/52W/4000K	5658.2 lm	52 W	80
 <p>[VN] symmetric, very narrow beam</p>	139-2263_us	LED-12/24W/2700K	2905.3 lm	24 W	80
	139-1834_us	LED-12/24W/3000K	3120.5 lm	24 W	80
	139-1835_us	LED-12/24W/4000K	3335.7 lm	24 W	80
	139-2077_us	LED-12/36W/2700K	4411.8 lm	36 W	80
	139-1840_us	LED-12/36W/3000K	4627 lm	36 W	80
	139-1841_us	LED-12/36W/4000K	4842.2 lm	36 W	80
	139-2191_us	LED-12/52W/2700K	5483.7 lm	52 W	80
	139-1846_us	LED-12/52W/3000K	5800 lm	52 W	80
	139-1847_us	LED-12/52W/4000K	6063.7 lm	52 W	80
	139-3125_us	LED-24/36W/2700K	3249.5 lm	36 W	80

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI
 <p>[VNS] symmetric, very narrow beam, sharp cut-off</p>	139-3126_us	LED-24/36W/3000K	3473.6 lm	36 W	80
	139-3127_us	LED-24/36W/4000K	3473.6 lm	36 W	80
	139-3129_us	LED-24/48W/2700K	4257.9 lm	48 W	80
	139-3130_us	LED-24/48W/3000K	4594.1 lm	48 W	80
	139-3131_us	LED-24/48W/4000K	4594.1 lm	48 W	80
	139-3133_us	LED-24/72W/2700K	5714.6 lm	72 W	80
	139-3134_us	LED-24/72W/3000K	6162.8 lm	72 W	80
	139-3135_us	LED-24/72W/4000K	6162.8 lm	72 W	80
 <p>[W] bi-symmetric, wide beam</p>	139-2241_us	LED-12/24W/2700K	2784.4 lm	24 W	80
	139-1907_us	LED-12/24W/3000K	2990.7 lm	24 W	80
	139-1908_us	LED-12/24W/4000K	3197 lm	24 W	80
	139-2239_us	LED-12/36W/2700K	4228.2 lm	36 W	80
	139-1909_us	LED-12/36W/3000K	4434.5 lm	36 W	80
	139-1910_us	LED-12/36W/4000K	4640.7 lm	36 W	80
	139-2226_us	LED-12/52W/2700K	5181.4 lm	52 W	80
	139-1911_us	LED-12/52W/3000K	5480.4 lm	52 W	80
	139-1912_us	LED-12/52W/4000K	5729.5 lm	52 W	80