

### Description

IP66. Class I. IK08. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. RFC® Reflection Free Contour main lens. CAD-optimized optics for superior illumination and glare control. Integral driver in thermally separated compartment. OLC® One LED Concept. Factory-installed LED circuit board. 0-10V Dimming comes standard with luminaire. The luminaire is factory-sealed, factory-wired and supplied with 33' of black, three conductor, flexible SEOW cord for power connection at pole-base hand hole.

Recommended mounting height 12-40 ft, depending on lamp type selected.

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	PMMA RFC Reflection Contuor Lens technology			
Colors	<b>RAL9004</b> Signal black	<b>RAL9016</b> Traffic white	<b>RAL8019</b> Grey brown	<b>RAL9007</b> Grey aluminium
Gasket	Silicone rubber gasket			
Fasteners	PCS Polymer Coated Stainless Steel hardware			
Ingress protection	IP66			
Impact resistance	IK08			
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. DALI
Surge protection	In-line bracket 10kV Surge Protector
Energy efficiency	C-D (Light source)


### Additional information


Listings	ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations.
Windage	0.5
Lifetime	Ta=25°/40° L90B10 > 90000h


**Options**


**Light distribution**


 [S70] Type II Short


 [S65] Type III Medium

 [S60] Type III Short

 [R65] Type IV Medium




 [A60] Type IV Very Short

 [P45L] pedestrian crossing, left-hand traffic


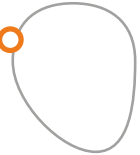
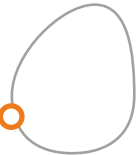
 [P45R] pedestrian crossing, right-hand traffic

**Color temperature**

**Nominal Watt**

		0 W
		72 W
	3000K	96 W
		108 W
	4000K	144 W
		48 W
	2700K	

## Configurations



Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI
 <p>[A60] Type IV Very Short</p>	108-0961_us		6145.6 lm	0 W	80
	108-0964_us		8901.8 lm	0 W	80
	108-1019_us		5749.1 lm	0 W	80
	108-1021_us		8506.1 lm	0 W	80
	108-2478	LED-24/48W/2700K	5352.6 lm	48 W	80
	108-2479	LED-24/72W/2700K	8110.5 lm	72 W	80
	108-0962_us		9218.5 lm	0 W	80
	108-0965_us		13352.6 lm	0 W	80
	108-1023_us		8623.7 lm	0 W	80
	108-1025_us		12759.2 lm	0 W	80
	108-2480	LED-36/72W/2700K	8029 lm	72 W	80
	108-2481	LED-36/108W/2700K	12165.7 lm	108 W	80
	108-0963_us		12291.3 lm	0 W	80
	108-0966_us		17803.5 lm	0 W	80
	108-1027_us		11498.3 lm	0 W	80
	108-1029_us		17012.3 lm	0 W	80
	108-2482	LED-48/96W/2700K	10705.3 lm	96 W	80
108-2483	LED-48/144W/2700K	16221 lm	144 W	80	
 <p>[P45L] pedestrian crossing, left-hand traffic</p>	108-1963_us	LED-36/72W/3000K	9127.9 lm	72 W	80
	108-1964_us	LED-36/72W/4000K	9757.4 lm	72 W	80
	108-1971_us	LED-36/108W/3000K	13047.5 lm	108 W	80
	108-1972_us	LED-36/108W/4000K	13654.4 lm	108 W	80
	108-1967_us	LED-48/96W/3000K	12170.5 lm	96 W	80
	108-1968_us	LED-48/96W/4000K	13009.9 lm	96 W	80
	108-1975_us	LED-48/144W/3000K	17396.7 lm	144 W	80
	108-1976_us	LED-48/144W/4000K	18205.8 lm	144 W	80
 <p>[P45R] pedestrian crossing, right-hand traffic</p>	108-1965_us	LED-36/72W/3000K	9018.9 lm	72 W	80
	108-1966_us	LED-36/72W/4000K	9640.9 lm	72 W	80
	108-1973_us	LED-36/108W/3000K	13103.3 lm	108 W	80
	108-1974_us	LED-36/108W/4000K	13712.7 lm	108 W	80
	108-1969_us	LED-48/96W/3000K	12025.2 lm	96 W	80
	108-1970_us	LED-48/96W/4000K	12854.5 lm	96 W	80

## WE-EF LIGHTING USA, LLC

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Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI
	108-1977_us	LED-48/144W/3000K	17471 lm	144 W	80
	108-1978_us	LED-48/144W/4000K	18283.6 lm	144 W	80
	108-0955_us		6295.7 lm	0 W	80
	108-0958_us		9104.5 lm	0 W	80
	108-1031_us		5889.5 lm	0 W	80
	108-1033_us		8699.8 lm	0 W	80
	108-2472	LED-24/48W/2700K	5483.3 lm	48 W	80
	108-2473	LED-24/72W/2700K	8295.2 lm	72 W	80
	108-0956_us		9443.5 lm	0 W	80
	108-0959_us		13656.7 lm	0 W	80
	108-1035_us		8834.2 lm	0 W	80
	108-1037_us		13049.8 lm	0 W	80
	108-2474	LED-36/72W/2700K	8225 lm	72 W	80
	108-2475	LED-36/108W/2700K	12442.8 lm	108 W	80
	108-0957_us		12591.3 lm	0 W	80
	108-0960_us		18209 lm	0 W	80
	108-1039_us		11779 lm	0 W	80
	108-1041_us		17399.7 lm	0 W	80
	108-2476	LED-48/96W/2700K	10966.6 lm	96 W	80
	108-2477	LED-48/144W/2700K	16590.4 lm	144 W	80
	108-0949_us		6701 lm	0 W	80
	108-0952_us		9628.2 lm	0 W	80
	108-0985_us		6268.7 lm	0 W	80
	108-0987_us		9200.3 lm	0 W	80
	108-2454	LED-24/48W/2700K	5836.4 lm	48 W	80
	108-2455	LED-24/72W/2700K	8772.3 lm	72 W	80
	108-0950_us		10051.6 lm	0 W	80
	108-0953_us		14442.3 lm	0 W	80
	108-0989_us		13800.4 lm	0 W	80
	108-0993_us		9403.1 lm	0 W	80
	108-2456	LED-36/72W/2700K	8754.6 lm	72 W	80
	108-2457	LED-36/108W/2700K	13158.5 lm	108 W	80
	108-0951_us		13402.1 lm	0 W	80

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	108-0954_us		19256.4 lm	0 W	80	
	108-0991_us		18400.5 lm	0 W	80	
	108-0995_us		12537.4 lm	0 W	80	
	108-2458	LED-48/96W/2700K	11672.8 lm	96 W	80	
	108-2459	LED-48/144W/2700K	17544.7 lm	144 W	80	
 <p>[S65] Type III Medium</p>	108-0828_us		6763.7 lm	0 W	80	
	108-0829_us		9816.6 lm	0 W	80	
	108-1009_us		6327.3 lm	0 W	80	
	108-1011_us		9380.3 lm	0 W	80	
	108-2460	LED-24/48W/2700K	5891 lm	48 W	80	
	108-2461	LED-24/72W/2700K	8944.1 lm	72 W	80	
	108-0830_us		10145.6 lm	0 W	80	
	108-0831_us		14725 lm	0 W	80	
	108-1013_us		14070.5 lm	0 W	80	
	108-1043_us		9491 lm	0 W	80	
	108-2462	LED-36/72W/2700K	8836.5 lm	72 W	80	
	108-2463	LED-36/108W/2700K	13416.1 lm	108 W	80	
	108-0832_us		13527.4 lm	0 W	80	
	108-0833_us		19633.3 lm	0 W	80	
	108-1015_us		12654.7 lm	0 W	80	
	108-1017_us		18760.7 lm	0 W	80	
	108-2464	LED-48/96W/2700K	11781.9 lm	96 W	80	
	108-2465	LED-48/144W/2700K	17888.1 lm	144 W	80	
	 <p>[S70] Type II Short</p>	108-0824_us		6585.8 lm	0 W	80
		108-0825_us		9478.2 lm	0 W	80
108-0997_us			6160.9 lm	0 W	80	
108-0999_us			9056.9 lm	0 W	80	
108-2466		LED-24/48W/2700K	5736 lm	48 W	80	
108-2467		LED-24/72W/2700K	8635.7 lm	72 W	80	
108-0823_us			9878.6 lm	0 W	80	
108-0826_us			14217.3 lm	0 W	80	
108-1001_us			9241.3 lm	0 W	80	
108-1003_us			13585.4 lm	0 W	80	

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	108-2468	LED-36/72W/2700K	8604 lm	72 W	80
	108-2469	LED-36/108W/2700K	12953.5 lm	108 W	80
	108-0822_us		13171.5 lm	0 W	80
	108-0827_us		18956.4 lm	0 W	80
	108-1005_us		12321.7 lm	0 W	80
	108-1007_us		18113.9 lm	0 W	80
	108-2470	LED-48/96W/2700K	11472 lm	96 W	80
	108-2471	LED-48/144W/2700K	17271.4 lm	144 W	80