

Description

IP66, Class I. Class II on request. IK08. Marine-grade die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens, hinged. PMMA OLC® optics for superior illumination and glare control.

Optional 2200 K version up to max. 1050mA available. To be specified at time of ordering.

Brackets to be ordered separately.

Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy								
Lens	Safety glass lens, hinged								
Colours	<table><tr><td>RAL9004 Signal black</td><td>RAL9006 White aluminium</td><td>RAL9016 Traffic white</td><td>RAL7016 Anthracite grey</td></tr><tr><td>RAL9007 Grey aluminium</td><td></td><td></td><td></td></tr></table>	RAL9004 Signal black	RAL9006 White aluminium	RAL9016 Traffic white	RAL7016 Anthracite grey	RAL9007 Grey aluminium			
RAL9004 Signal black	RAL9006 White aluminium	RAL9016 Traffic white	RAL7016 Anthracite grey						
RAL9007 Grey aluminium									
Fasteners	PCS Polymer Coated Stainless Steel Hardware								
Ingress protection	IP66								
Impact resistance	IK08								
Corrosion resistance	5CE								

Electrical description


Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter. DALI
Surge protection	6/6 kV (optional SP10)
Energy efficiency	C-D (Light source)

Additional information


Windage	0.042 m ²
Lifetime	Ta=25° L90B10 > 90000h

Options

Light distribution

 [S65] asymmetric, side throw


 [R65] rectangular, side throw

 [A60] asymmetric, forward throw

 [P65] pedestrian/bicycle lane

Colour temperature

 3000K

 4000K

 2700K

Nominal Watt



12 W

18 W

24 W

36 W


Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[A60] asymmetric, forward throw</p>	108-2496	LED-12/12W/2700K	1342.3 lm	12 W	80
	108-2496-70	LED-12/12W/2700K	1434.9 lm	12 W	70
	108-1777	LED-12/12W/3000K	1434.9 lm	12 W	80
	108-1777-70	LED-12/12W/3000K	1666.3 lm	12 W	70
	108-1778	LED-12/12W/4000K	1573.7 lm	12 W	80
	108-1778-70	LED-12/12W/4000K	1758.9 lm	12 W	70
	108-2497	LED-12/24W/2700K	2426.7 lm	24 W	80
	108-2497-70	LED-12/24W/2700K	2606.4 lm	24 W	70
	108-1624	LED-12/24W/3000K	2606.4 lm	24 W	80
	108-1624-70	LED-12/24W/3000K	2965.9 lm	24 W	70
	108-1629	LED-12/24W/4000K	2786.2 lm	24 W	80
	108-1629-70	LED-12/24W/4000K	3145.7 lm	24 W	70
	108-2498	LED-18/18W/2700K	2013.4 lm	18 W	80
	108-2498-70	LED-18/18W/2700K	2152.3 lm	18 W	70
	108-1785	LED-18/18W/3000K	2152.3 lm	18 W	80
	108-1785-70	LED-18/18W/3000K	2499.4 lm	18 W	70
	108-1786	LED-18/18W/4000K	2360.6 lm	18 W	80
	108-1786-70	LED-18/18W/4000K	2638.3 lm	18 W	70
	108-2499	LED-18/36W/2700K	3640 lm	36 W	80
	108-2499-70	LED-18/36W/2700K	3909.6 lm	36 W	70
108-1727	LED-18/36W/3000K	3909.6 lm	36 W	80	
108-1727-70	LED-18/36W/3000K	4448.9 lm	36 W	70	
108-1728	LED-18/36W/4000K	4179.3 lm	36 W	80	
108-1728-70	LED-18/36W/4000K	4718.5 lm	36 W	70	
 <p>[P65] pedestrian/bicycle lane</p>	108-2500	LED-12/12W/2700K	1356.8 lm	12 W	80
	108-2500-70	LED-12/12W/2700K	1450.4 lm	12 W	70
	108-1779	LED-12/12W/3000K	1450.4 lm	12 W	80
	108-1779-70	LED-12/12W/3000K	1684.4 lm	12 W	70
	108-1780	LED-12/12W/4000K	1590.8 lm	12 W	80
	108-1780-70	LED-12/12W/4000K	1777.9 lm	12 W	70
	108-2501	LED-12/24W/2700K	2453 lm	24 W	80
	108-2501-70	LED-12/24W/2700K	2634.7 lm	24 W	70
	108-1625	LED-12/24W/3000K	2634.7 lm	24 W	80
	108-1625-70	LED-12/24W/3000K	2998.1 lm	24 W	70

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	108-1630	LED-12/24W/4000K	2816.4 lm	24 W	80
	108-1630-70	LED-12/24W/4000K	3179.8 lm	24 W	70
	108-2502	LED-18/18W/2700K	2035.3 lm	18 W	80
	108-2502-70	LED-18/18W/2700K	2175.6 lm	18 W	70
	108-1787	LED-18/18W/3000K	2175.6 lm	18 W	80
	108-1787-70	LED-18/18W/3000K	2526.5 lm	18 W	70
	108-1788	LED-18/18W/4000K	2386.2 lm	18 W	80
	108-1788-70	LED-18/18W/4000K	2666.9 lm	18 W	70
	108-2503	LED-18/36W/2700K	3679.5 lm	36 W	80
	108-2503-70	LED-18/36W/2700K	3952 lm	36 W	70
	108-1729	LED-18/36W/3000K	3952 lm	36 W	80
	108-1729-70	LED-18/36W/3000K	4497.2 lm	36 W	70
	108-1730	LED-18/36W/4000K	4224.6 lm	36 W	80
	108-1730-70	LED-18/36W/4000K	4769.7 lm	36 W	70
	108-2492	LED-12/12W/2700K	1253.7 lm	12 W	80
	108-2492-70	LED-12/12W/2700K	1340.2 lm	12 W	70
	108-1775	LED-12/12W/3000K	1340.2 lm	12 W	80
	108-1775-70	LED-12/12W/3000K	1556.4 lm	12 W	70
	108-1776	LED-12/12W/4000K	1469.9 lm	12 W	80
	108-1776-70	LED-12/12W/4000K	1642.8 lm	12 W	70
	108-2493	LED-12/24W/2700K	2266.5 lm	24 W	80
	108-2493-70	LED-12/24W/2700K	2434.4 lm	24 W	70
	108-1622	LED-12/24W/3000K	2434.4 lm	24 W	80
	108-1622-70	LED-12/24W/3000K	2770.2 lm	24 W	70
	108-1623	LED-12/24W/4000K	2602.3 lm	24 W	80
	108-1623-70	LED-12/24W/4000K	2938.1 lm	24 W	70
	108-2494	LED-18/18W/2700K	1880.6 lm	18 W	80
	108-2494-70	LED-18/18W/2700K	2010.3 lm	18 W	70
	108-1783	LED-18/18W/3000K	2010.3 lm	18 W	80
	108-1783-70	LED-18/18W/3000K	2334.5 lm	18 W	70
	108-1784	LED-18/18W/4000K	2204.8 lm	18 W	80
	108-1784-70	LED-18/18W/4000K	2464.2 lm	18 W	70
	108-2495	LED-18/36W/2700K	3399.8 lm	36 W	80
	108-2495-70	LED-18/36W/2700K	3651.7 lm	36 W	70
	108-1725	LED-18/36W/3000K	3651.7 lm	36 W	80
	108-1725-70	LED-18/36W/3000K	4155.3 lm	36 W	70



[R65] rectangular, side throw

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 [S65] asymmetric, side throw	108-1726	LED-18/36W/4000K	3903.5 lm	36 W	80
	108-1726-70	LED-18/36W/4000K	4407.2 lm	36 W	70
	108-2488	LED-12/12W/2700K	1431.8 lm	12 W	80
	108-2488-70	LED-12/12W/2700K	1530.6 lm	12 W	70
	108-1773	LED-12/12W/3000K	1530.6 lm	12 W	80
	108-1773-70	LED-12/12W/3000K	1777.5 lm	12 W	70
	108-1774	LED-12/12W/4000K	1678.7 lm	12 W	80
	108-1774-70	LED-12/12W/4000K	1876.2 lm	12 W	70
	108-2489	LED-12/24W/2700K	2588.6 lm	24 W	80
	108-2489-70	LED-12/24W/2700K	2780.3 lm	24 W	70
	108-1627	LED-12/24W/3000K	2780.3 lm	24 W	80
	108-1627-70	LED-12/24W/3000K	3163.8 lm	24 W	70
	108-1632	LED-12/24W/4000K	2972.1 lm	24 W	80
	108-1632-70	LED-12/24W/4000K	3355.6 lm	24 W	70
	108-2490	LED-18/18W/2700K	2147.8 lm	18 W	80
	108-2490-70	LED-18/18W/2700K	2295.9 lm	18 W	70
	108-1781	LED-18/18W/3000K	2295.9 lm	18 W	80
	108-1781-70	LED-18/18W/3000K	2666.2 lm	18 W	70
	108-1782	LED-18/18W/4000K	2518.1 lm	18 W	80
	108-1782-70	LED-18/18W/4000K	2814.3 lm	18 W	70
	108-2491	LED-18/36W/2700K	3882.9 lm	36 W	80
	108-2491-70	LED-18/36W/2700K	4170.5 lm	36 W	70
	108-1723	LED-18/36W/3000K	4170.5 lm	36 W	80
	108-1723-70	LED-18/36W/3000K	4745.7 lm	36 W	70
	108-1724	LED-18/36W/4000K	4458.1 lm	36 W	80
	108-1724-70	LED-18/36W/4000K	5033.3 lm	36 W	70