

Description

IP66, Class I. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. RFC™ Reflection Free Contour main lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral electronic converter with DALI interface. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Optional 2200 K version up to max. 1050mA available. To be specified at time of ordering.

Including 0.5 m cable with a cable connector.

Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.

Wild-Light options available on request.

Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy			
Lens	RFC™ Reflection Free Contour main lens			
Colours	RAL9004	RAL9016	RAL7016	RAL9007
	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	IK08			
Corrosion resistance	5CE			

Electrical description


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

Additional information


Windage	0.23
Lifetime	Ta=25° L90B10 > 90000h

Options


Light distribution

 [S70] asymmetric, side throw

 [S65] asymmetric, side throw

 [S60] asymmetric, side throw

 [R65]

 [A60] asymmetric, forward throw

 [P45L]

 [P45R]

Colour temperature

 4000K

 3000K

 2700K

Nominal Watt

96 W

72 W



48 W

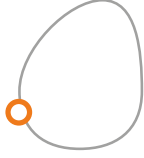


108 W

144 W

207 W

Configurations


Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[A60] asymmetric, forward throw</p>	108-2478	LED-24/48W/2700K	5352.6 lm	48 W	80
	108-1019	LED-24/48W/3000K	5749.1 lm	48 W	80
	108-0961	LED-24/48W/4000K	6145.6 lm	48 W	80
	108-2479	LED-24/72W/2700K	8110.5 lm	72 W	80
	108-1021	LED-24/72W/3000K	8506.1 lm	72 W	80
	108-0964	LED-24/72W/4000K	8901.8 lm	72 W	80
	108-2480	LED-36/72W/2700K	8029 lm	72 W	80
	108-1023	LED-36/72W/3000K	8623.7 lm	72 W	80
	108-0962	LED-36/72W/4000K	9218.5 lm	72 W	80
	108-2481	LED-36/108W/2700K	12165.7 lm	108 W	80
	108-1025	LED-36/108W/3000K	12759.2 lm	108 W	80
	108-0965	LED-36/108W/4000K	13352.6 lm	108 W	80
	108-2482	LED-48/96W/2700K	10705.3 lm	96 W	80
	108-1027	LED-48/96W/3000K	11498.3 lm	96 W	80
	108-0963	LED-48/96W/4000K	12291.3 lm	96 W	80
	108-2483	LED-48/144W/2700K	16221 lm	144 W	80
	108-1029	LED-48/144W/3000K	17012.3 lm	144 W	80
	108-0966	LED-48/144W/4000K	17803.5 lm	144 W	80
	108-2650	LED-48/207W/2700K	20573 lm	207 W	80
	108-2651	LED-48/207W/3000K	21759.9 lm	207 W	80
108-2652	LED-48/207W/4000K	22749 lm	207 W	80	
 <p>[P45L]</p>	108-1963	LED-36/72W/3000K	9859.3 lm	72 W	80
	108-1964	LED-36/72W/4000K	10539.2 lm	72 W	80
	108-1971	LED-36/108W/3000K	13923 lm	108 W	80
	108-1972	LED-36/108W/4000K	14570.6 lm	108 W	80
	108-1967	LED-48/96W/3000K	13145.7 lm	96 W	80
	108-1968	LED-48/96W/4000K	14052.3 lm	96 W	80
	108-1975	LED-48/144W/3000K	18564 lm	144 W	80
	108-1976	LED-48/144W/4000K	19427.4 lm	144 W	80
	108-2708	LED-48/207W/2700K	22449.5 lm	207 W	80
	108-2709	LED-48/207W/3000K	23744.6 lm	207 W	80
	108-2710	LED-48/207W/4000K	24823.9 lm	207 W	80
	108-1965	LED-36/72W/3000K	9859.3 lm	72 W	80
	108-1966	LED-36/72W/4000K	10539.2 lm	72 W	80

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	
 <p>[P45R]</p>	108-1973	LED-36/108W/3000K	13923 lm	108 W	80	
	108-1974	LED-36/108W/4000K	14570.6 lm	108 W	80	
	108-1969	LED-48/96W/3000K	13145.7 lm	96 W	80	
	108-1970	LED-48/96W/4000K	14052.3 lm	96 W	80	
	108-1977	LED-48/144W/3000K	18564 lm	144 W	80	
	108-1978	LED-48/144W/4000K	19427.4 lm	144 W	80	
	108-2653	LED-48/207W/2700K	22449.5 lm	207 W	80	
	108-2654	LED-48/207W/3000K	23744.6 lm	207 W	80	
	108-2655	LED-48/207W/4000K	24823.9 lm	207 W	80	
	 <p>[R65]</p>	108-2472	LED-24/48W/2700K	5483.3 lm	48 W	80
108-1031		LED-24/48W/3000K	5889.5 lm	48 W	80	
108-0955		LED-24/48W/4000K	6295.7 lm	48 W	80	
108-2473		LED-24/72W/2700K	8295.2 lm	72 W	80	
108-1033		LED-24/72W/3000K	8699.8 lm	72 W	80	
108-0958		LED-24/72W/4000K	9104.5 lm	72 W	80	
108-2474		LED-36/72W/2700K	8225 lm	72 W	80	
108-1035		LED-36/72W/3000K	8834.2 lm	72 W	80	
108-0956		LED-36/72W/4000K	9443.5 lm	72 W	80	
108-2475		LED-36/108W/2700K	12442.8 lm	108 W	80	
108-1037		LED-36/108W/3000K	13049.8 lm	108 W	80	
108-0959		LED-36/108W/4000K	13656.7 lm	108 W	80	
108-2476		LED-48/96W/2700K	10966.6 lm	96 W	80	
108-1039		LED-48/96W/3000K	11779 lm	96 W	80	
108-0957		LED-48/96W/4000K	12591.3 lm	96 W	80	
108-2477		LED-48/144W/2700K	16590.4 lm	144 W	80	
108-1041		LED-48/144W/3000K	17399.7 lm	144 W	80	
108-0960		LED-48/144W/4000K	18209 lm	144 W	80	
108-2647		LED-48/207W/2700K	21041.5 lm	207 W	80	
108-2648		LED-48/207W/3000K	22255.4 lm	207 W	80	
108-2649		LED-48/207W/4000K	23267 lm	207 W	80	
 <p>[S60] asymmetric, side throw</p>		108-2454	LED-24/48W/2700K	5836.4 lm	48 W	80
		108-0985	LED-24/48W/3000K	6268.7 lm	48 W	80
		108-0949	LED-24/48W/4000K	6701 lm	48 W	80
		108-2455	LED-24/72W/2700K	8772.3 lm	72 W	80
		108-0987	LED-24/72W/3000K	9200.3 lm	72 W	80
	108-0952	LED-24/72W/4000K	9628.2 lm	72 W	80	

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	108-2456	LED-36/72W/2700K	8754.6 lm	72 W	80
	108-0993	LED-36/72W/3000K	9403.1 lm	72 W	80
	108-0950	LED-36/72W/4000K	10051.6 lm	72 W	80
	108-2457	LED-36/108W/2700K	13158.5 lm	108 W	80
	108-0989	LED-36/108W/3000K	13800.4 lm	108 W	80
	108-0953	LED-36/108W/4000K	14442.3 lm	108 W	80
	108-2458	LED-48/96W/2700K	11672.8 lm	96 W	80
	108-0995	LED-48/96W/3000K	12537.4 lm	96 W	80
	108-0951	LED-48/96W/4000K	13402.1 lm	96 W	80
	108-2459	LED-48/144W/2700K	17544.7 lm	144 W	80
	108-0991	LED-48/144W/3000K	18400.5 lm	144 W	80
	108-0954	LED-48/144W/4000K	19256.4 lm	144 W	80
	108-2638	LED-48/207W/2700K	22251.8 lm	207 W	80
	108-2638-70	LED-48/207W/2700K	25675.2 lm	207 W	70
	108-2639	LED-48/207W/3000K	23535.6 lm	207 W	80
	108-2639-70	LED-48/207W/3000K	26745 lm	207 W	70
	108-2640	LED-48/207W/4000K	24605.4 lm	207 W	80
	108-2640-70	LED-48/207W/4000K	27814.8 lm	207 W	70
	108-2460	LED-24/48W/2700K	5891 lm	48 W	80
	108-1009	LED-24/48W/3000K	6327.3 lm	48 W	80
	108-0828	LED-24/48W/4000K	6763.7 lm	48 W	80
	108-2461	LED-24/72W/2700K	8944.1 lm	72 W	80
	108-1011	LED-24/72W/3000K	9380.3 lm	72 W	80
	108-0829	LED-24/72W/4000K	9816.6 lm	72 W	80
	108-2462	LED-36/72W/2700K	8836.5 lm	72 W	80
	108-1043	LED-36/72W/3000K	9491 lm	72 W	80
	108-0830	LED-36/72W/4000K	10145.6 lm	72 W	80
	108-2463	LED-36/108W/2700K	13416.1 lm	108 W	80
	108-1013	LED-36/108W/3000K	14070.5 lm	108 W	80
	108-0831	LED-36/108W/4000K	14725 lm	108 W	80
	108-2464	LED-48/96W/2700K	11781.9 lm	96 W	80
	108-1015	LED-48/96W/3000K	12654.7 lm	96 W	80
	108-0832	LED-48/96W/4000K	13527.4 lm	96 W	80
	108-2465	LED-48/144W/2700K	17888.1 lm	144 W	80
	108-1017	LED-48/144W/3000K	18760.7 lm	144 W	80
	108-0833	LED-48/144W/4000K	19633.3 lm	144 W	80



[S65] asymmetric, side throw

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[S70] asymmetric, side throw</p>	108-2641	LED-48/207W/2700K	22687.4 lm	207 W	80
	108-2641-70	LED-48/207W/2700K	26177.7 lm	207 W	70
	108-2642	LED-48/207W/3000K	23996.2 lm	207 W	80
	108-2642-70	LED-48/207W/3000K	27268.5 lm	207 W	70
	108-2643	LED-48/207W/4000K	25087 lm	207 W	80
	108-2643-70	LED-48/207W/4000K	28359.2 lm	207 W	70
	108-2466	LED-24/48W/2700K	5736 lm	48 W	80
	108-0997	LED-24/48W/3000K	6160.9 lm	48 W	80
	108-0824	LED-24/48W/4000K	6585.8 lm	48 W	80
	108-2467	LED-24/72W/2700K	8635.7 lm	72 W	80
	108-0999	LED-24/72W/3000K	9056.9 lm	72 W	80
	108-0825	LED-24/72W/4000K	9478.2 lm	72 W	80
	108-2468	LED-36/72W/2700K	8604 lm	72 W	80
	108-1001	LED-36/72W/3000K	9241.3 lm	72 W	80
	108-0823	LED-36/72W/4000K	9878.6 lm	72 W	80
	108-2469	LED-36/108W/2700K	12953.5 lm	108 W	80
	108-1003	LED-36/108W/3000K	13585.4 lm	108 W	80
	108-0826	LED-36/108W/4000K	14217.3 lm	108 W	80
	108-2470	LED-48/96W/2700K	11472 lm	96 W	80
	108-1005	LED-48/96W/3000K	12321.7 lm	96 W	80
	108-0822	LED-48/96W/4000K	13171.5 lm	96 W	80
	108-2471	LED-48/144W/2700K	17271.4 lm	144 W	80
	108-1007	LED-48/144W/3000K	18113.9 lm	144 W	80
	108-0827	LED-48/144W/4000K	18956.4 lm	144 W	80
	108-2644	LED-48/207W/2700K	21905.1 lm	207 W	80
	108-2645	LED-48/207W/3000K	23168.9 lm	207 W	80
	108-2646	LED-48/207W/4000K	24222 lm	207 W	80