

Description

IP66, Class I. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Non-reflecting safety glass lens, hinged. 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.

Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy			
Lens	Non-reflecting safety glass lens, hinged			
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	IK07			
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
Energy efficiency	C-D (Light source)

Additional information




Windage	0.166 m ²
Lifetime	Ta=25° L90B10 > 90000h



Options


Light distribution

Light distribution	Colour temperature	Nominal Watt
 [S60] asymmetric, side throw	 3000K	24 W
		48 W
 [S70] asymmetric, side throw	 4000K	12 W
		72 W
 [A60] asymmetric, forward throw	 2700K	
 [S65] asymmetric, side throw		
 [R65]		
 [P65] pedestrian/bicycle lane		

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[A60] asymmetric, forward throw</p>	111-1046	LED-12/12W/2700K	1522 lm	12 W	80
	111-0455	LED-12/12W/3000K	1626.9 lm	12 W	80
	111-0414	LED-12/12W/4000K	1784.4 lm	12 W	80
	111-1047	LED-12/24W/2700K	2692.3 lm	24 W	80
	111-0275	LED-12/24W/3000K	2891.7 lm	24 W	80
	111-0353	LED-12/24W/4000K	3091.2 lm	24 W	80
	111-1048	LED-24/24W/2700K	3043.9 lm	24 W	80
	111-0457	LED-24/24W/3000K	3253.8 lm	24 W	80
	111-0415	LED-24/24W/4000K	3568.7 lm	24 W	80
	111-1049	LED-24/48W/2700K	5384.6 lm	48 W	80
	111-0277	LED-24/48W/3000K	5783.5 lm	48 W	80
	111-0355	LED-24/48W/4000K	6182.3 lm	48 W	80
	111-0908	LED-24/72W/3000K	9180.5 lm	72 W	80
	111-0909	LED-24/72W/4000K	9607.5 lm	72 W	80
	 <p>[P65] pedestrian/bicycle lane</p>	111-1051	LED-12/12W/2700K	1578.1 lm	12 W
111-0780		LED-12/12W/3000K	1687 lm	12 W	80
111-0821		LED-12/12W/4000K	1850.2 lm	12 W	80
111-1052		LED-12/24W/2700K	2850.5 lm	24 W	80
111-0827		LED-12/24W/3000K	3061.6 lm	24 W	80
111-0822		LED-12/24W/4000K	3272.8 lm	24 W	80
111-1053		LED-24/24W/2700K	3156.3 lm	24 W	80
111-0791		LED-24/24W/3000K	3374 lm	24 W	80
111-0823		LED-24/24W/4000K	3700.5 lm	24 W	80
111-1054		LED-24/48W/2700K	5700.9 lm	48 W	80
111-0828		LED-24/48W/3000K	6123.2 lm	48 W	80
111-0824		LED-24/48W/4000K	6545.5 lm	48 W	80
111-1055		LED-24/72W/2700K	8682 lm	72 W	80
111-0910		LED-24/72W/3000K	9105.5 lm	72 W	80
111-0911		LED-24/72W/4000K	9529 lm	72 W	80
 <p>[R65]</p>	111-1041	LED-12/12W/2700K	1518.8 lm	12 W	80
	111-0467	LED-12/12W/3000K	1623.5 lm	12 W	80
	111-0416	LED-12/12W/4000K	1780.6 lm	12 W	80
	111-1042	LED-12/24W/2700K	2686.3 lm	24 W	80
	111-0469	LED-12/24W/3000K	2885.3 lm	24 W	80

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	111-0417	LED-12/24W/4000K	3084.3 lm	24 W	80
	111-1043	LED-24/24W/2700K	3037.5 lm	24 W	80
	111-0471	LED-24/24W/3000K	3247 lm	24 W	80
	111-0418	LED-24/24W/4000K	3561.2 lm	24 W	80
	111-1044	LED-24/48W/2700K	5372.6 lm	48 W	80
	111-0473	LED-24/48W/3000K	5770.6 lm	48 W	80
	111-0419	LED-24/48W/4000K	6168.6 lm	48 W	80
	111-1045	LED-24/72W/2700K	8636.1 lm	72 W	80
	111-0912	LED-24/72W/3000K	9057.4 lm	72 W	80
	111-0913	LED-24/72W/4000K	9478.6 lm	72 W	80
	[S60] asymmetric, side throw	111-1026	LED-12/12W/2700K	1612.9 lm	12 W
	111-0447	LED-12/12W/3000K	1724.1 lm	12 W	80
	111-0406	LED-12/12W/4000K	1891 lm	12 W	80
	111-1027	LED-12/24W/2700K	2911.3 lm	24 W	80
	111-0192	LED-12/24W/3000K	3126.9 lm	24 W	80
	111-0337	LED-12/24W/4000K	3342.6 lm	24 W	80
	111-1028	LED-24/24W/2700K	3225.8 lm	24 W	80
	111-0449	LED-24/24W/3000K	3448.3 lm	24 W	80
	111-0407	LED-24/24W/4000K	3782 lm	24 W	80
	111-1029	LED-24/48W/2700K	5822.5 lm	48 W	80
	111-0193	LED-24/48W/3000K	6253.8 lm	48 W	80
	111-0339	LED-24/48W/4000K	6685.1 lm	48 W	80
	111-1030	LED-24/72W/2700K	9122.7 lm	72 W	80
	111-0914	LED-24/72W/3000K	9567.7 lm	72 W	80
	111-0915	LED-24/72W/4000K	10012.7 lm	72 W	80
	111-1031	LED-12/12W/2700K	1614.7 lm	12 W	80
	111-0459	LED-12/12W/3000K	1726 lm	12 W	80
	111-0408	LED-12/12W/4000K	1893.1 lm	12 W	80
	111-1032	LED-12/24W/2700K	2916 lm	24 W	80
	111-0461	LED-12/24W/3000K	3132 lm	24 W	80
	111-0409	LED-12/24W/4000K	3348 lm	24 W	80
	111-1033	LED-24/24W/2700K	3229.4 lm	24 W	80
	111-0463	LED-24/24W/3000K	3452.1 lm	24 W	80
	111-0410	LED-24/24W/4000K	3786.2 lm	24 W	80
	111-1034	LED-24/48W/2700K	5832.1 lm	48 W	80
	111-0465	LED-24/48W/3000K	6264.1 lm	48 W	80

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 [S70] asymmetric, side throw	111-0411	LED-24/48W/4000K	6696.1 lm	48 W	80
	111-1035	LED-24/72W/2700K	9164.3 lm	72 W	80
	111-0916	LED-24/72W/3000K	9611.3 lm	72 W	80
	111-0917	LED-24/72W/4000K	10058.4 lm	72 W	80
	111-1036	LED-12/12W/2700K	1566.6 lm	12 W	80
	111-0451	LED-12/12W/3000K	1674.6 lm	12 W	80
	111-0412	LED-12/12W/4000K	1836.7 lm	12 W	80
	111-1037	LED-12/24W/2700K	2778.3 lm	24 W	80
	111-0230	LED-12/24W/3000K	2984.1 lm	24 W	80
	111-0345	LED-12/24W/4000K	3189.9 lm	24 W	80
	111-1038	LED-24/24W/2700K	3133.2 lm	24 W	80
	111-0453	LED-24/24W/3000K	3349.3 lm	24 W	80
	111-0413	LED-24/24W/4000K	3673.4 lm	24 W	80
	111-0234	LED-24/48W/3000K	5968.1 lm	48 W	80
	111-0347	LED-24/48W/4000K	6379.7 lm	48 W	80
	111-1040	LED-24/72W/2700K	8781.9 lm	72 W	80
	111-0918	LED-24/72W/3000K	9210.3 lm	72 W	80
	111-0919	LED-24/72W/4000K	9638.6 lm	72 W	80