

Description

Solar (ISP - integrated solar panel, Hybrid version). IP66, Class I. IK08 (Sensor IK07). Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. CCG® Controlled Compression Gasket. Non-reflective flat safety glass cover, hinged. Combined LED driver, battery charger and light control unit. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. The luminaire is factory-sealed and does not need to be opened during installation. Flush installation of the solar module with the housing for a clean finish. Alignment of the solar panel only in combination with the luminaire. Can be used as post top or side entry version. Specification at time of order is recommended.

Spigot \varnothing 76 x 100 mm. Spigot \varnothing 60 x 100 mm or 42 x 100 mm option available. Must be indicated during order placement.

Contact WE-EF direct or your local WE-EF sales representative for an individual solution designed to precisely meet your needs.

Photometric files (IES, LDT) for light distributions [S70] [R60] [A60] [P65] with Backlight Shield on request.

Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy			
Lens	Non-reflective safety glass lens			
Colours	RAL9004 Signal black	RAL9006 White aluminium	RAL9007 Grey aluminium	RAL7016 Anthracite grey
	RAL9016 Traffic white			
Gasket	CCG® Controlled Compression Gasket			
Fasteners	PCS Polymer Coated Stainless Steel Hardware			
Ingress protection	IP66			
Impact resistance	IK08 (Sensor IK07)			
Corrosion resistance	5CE			

Electrical description


Power supply	100 - 240V 50/60Hz
Driver / Ballast	Integral EC electronic converter
Power factor	> 0.9
Surge protection	com. 4kV diff. 2kV
Energy efficiency	C-D (Light source)


Additional information


Windage	0.1956 m ²
Lifetime	Ta=25° L90B10 > 90000h

Options

Light distribution

 [R60] rectangular, side throw

 [A60] asymmetric, forward throw

 [S70] asymmetric, side throw

 [P65] pedestrian/bicycle lane

Colour temperature

 1850K

 2700K





 3000K

Nominal Watt

24 W

17 W

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 [A60] asymmetric, forward throw	102-1024	LED-24/17W/1850K	1173.1 lm	17 W	Amber
	102-1028	LED-24/24W/1850K	2826.4 lm	24 W	60
	102-1020	LED-24/24W/2700K	3152.5 lm	24 W	80
	102-1032	LED-24/24W/3000K	3369.9 lm	24 W	80
 [P65] pedestrian/bicycle lane	102-1025	LED-24/17W/1850K	1140.9 lm	17 W	Amber
	102-1029	LED-24/24W/1850K	2748.7 lm	24 W	60
	102-1021	LED-24/24W/2700K	3065.9 lm	24 W	80
	102-1033	LED-24/24W/3000K	3277.3 lm	24 W	80
 [R60] rectangular, side throw	102-1023	LED-24/17W/1850K	1131.6 lm	17 W	Amber
	102-1027	LED-24/24W/1850K	2726.4 lm	24 W	60
	102-1019	LED-24/24W/2700K	3041 lm	24 W	80
	102-1031	LED-24/24W/3000K	3250.7 lm	24 W	80
 [S70] asymmetric, side throw	102-1022	LED-24/17W/1850K	1228.2 lm	17 W	Amber
	102-1026	LED-24/24W/1850K	2959 lm	24 W	60
	102-1018	LED-24/24W/2700K	3300.4 lm	24 W	80
	102-1030	LED-24/24W/3000K	3528.1 lm	24 W	80