



Description

Solar (ISP - integrated solar panel fully independent). IP66, Class III. IK08. 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 Ø 76 x 100 mm. Spigot Ø 60 x 100 mm or 42 x 100 mm option available. Must be indicated during order placement.

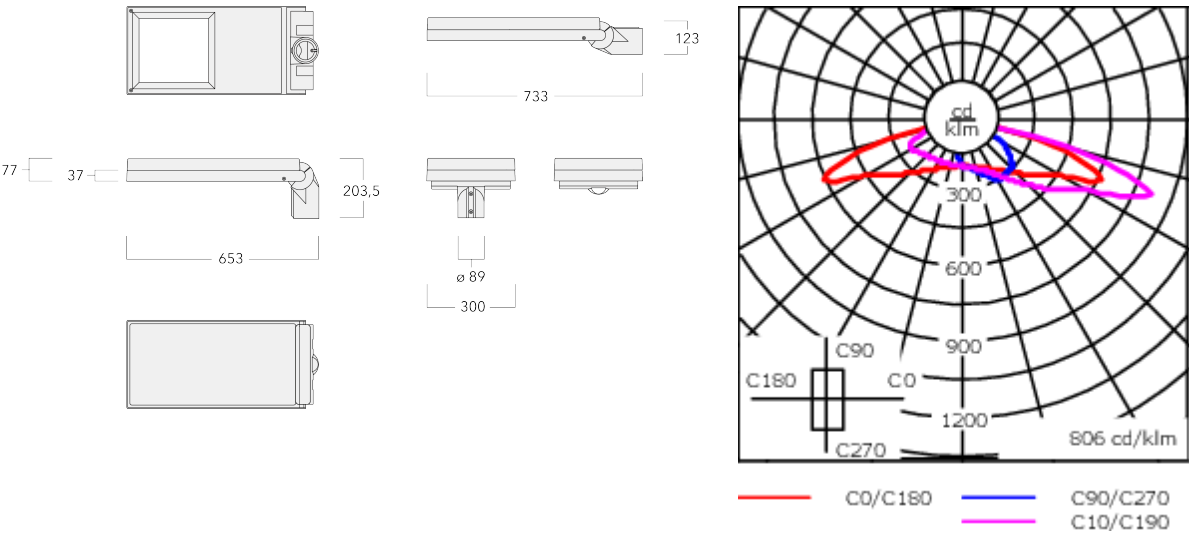
Contact WE-EF direct or your local WE-EF sales representative for an individual solution designed to precisely meet your needs.

Photometric files (IES, LDT) for light distributions [S70] [R60] [A61] [P66] with Backlight Shield on request.

Weight	7.00 kg
Light distribution	asymmetric, side throw [S70]
Light source	LED-24/11W / 160 mA - PCA
CRI	80
Power supply	EC
LEDs	24
Rated input power	12 W

Nominal Lumen (lm)	
LED Lumen	54
Total Lumen	1295
Tj	85

Rated lumens (lm)	
LED Lumen	51.2
Total Lumen	1228.2
Ta	25



Specifications  
Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Non-reflective safety glass lens
Colours	<div><div></div> RAL9004 Signal black</div> <div><div></div> RAL9007 Grey aluminium</div> <div><div></div> RAL7016 Anthracite grey</div> <div><div></div> RAL9016 Traffic white</div>
Gasket	CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE
Windage	0.191 m <sup>2</sup>

Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter. DALI
Power factor	> 0.9
Surge protection	6/6kV, optional 10kV

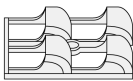
Additional information

Lifetime	Ta=25° L90B10 > 90000h
Energy efficiency class	C-D (Light source)

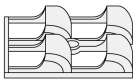
Optical Accessories

Backlight shield

Description	Part ID	Additional information
Backlight shield LS180	102-0959-48LED	Glare Shield for backlight spill. Suitable for [S65] [R60] lenses. Glare Shield factory-installed or available as retrofit kit. Must be specified at time of ordering.



Backlight shield LS180	102-0395-24LED	Glare Shield for backlight spill. Suitable for [S61], [S66], [R61], [P66] [Q66], [A61] lenses. Glare Shield factory-installed or available as retrofit kit. Must be specified at time of ordering.
------------------------	----------------	---



**102-0814**

**AFL130-ISP**

**we-ef**

## Mounting Accessories

### Adaptor

Description	Part ID
Adaptor AFL100	102-0392

