

### 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. Integral D4i-certified electronic LED driver in Zhaga format. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed WE-EF LED circuit board (Zhaga Book 15 compliant). 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 3" x 4" .

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] A61] [P66] with Backlight Shield on request.

## Street and Area Lighting

## Specifications

## Material description

|                      |  |
|----------------------|--|
| Body                 | Marine-grade, die-cast aluminium alloy   |
| Lens                 | Non-reflective safety glass lens   |
| Colors               |  RAL9004 Black<br> RAL9007 Grey Metallic<br> RAL9016 White<br> RAL8019 Dark Bronze |
| 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)     |

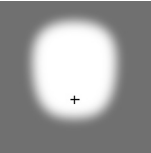
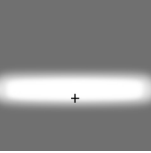
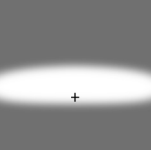
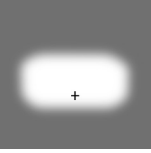
Street and Area Lighting

Options

| Light distribution   | Color temperature  | Nominal Watt |
|--|--|--------------|
|  [S70] Type II Short           |  2700 K | 11 W<br>24 W |
|  rectangular, side throw [R60] |  1850 K |              |
|  [A61] Type IV Very Short      |  3000 K |              |
|  [P66] Type II Medium          |  |              |

## Street and Area Lighting

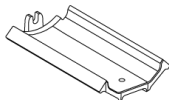
## Configurations

| Light distribution  | Part ID  | Light source                 | Delivered lumens | Rated input power | CRI | Weight (lb) |
|---|----------|------------------------------|------------------|-------------------|-----|-------------|
| [A61] Type IV Very Short<br>        | 102-0808 | LED-24/11W / 160 mA - 2700K  | 1533.7           | 12 W              | 80  | 15.40       |
|   | 102-0812 | LED-24/7,5W / 160 mA - Amber | 473.2            | 8 W               | 80  | 15.40       |
|   | 102-0816 | LED-24/11W / 160 mA - PCA    | 1134.9           | 12 W              | 80  | 15.40       |
|   | 102-1000 | LED-24/11W / 160 mA - 3000K  | 1638.8           | 12 W              | 80  | 15.40       |
| [P66] Type II Medium<br>            | 102-0809 | LED-24/11W / 160 mA - 2700K  | 1550.6           | 12 W              | 80  | 15.40       |
|   | 102-0813 | LED-24/7,5W / 160 mA - Amber | 478.5            | 8 W               | 80  | 15.40       |
|   | 102-0817 | LED-24/11W / 160 mA - PCA    | 1147.5           | 12 W              | 80  | 15.40       |
|   | 102-1001 | LED-24/11W / 160 mA - 3000K  | 1657             | 12 W              | 80  | 15.40       |
| [S70] Type II Short<br>            | 102-0806 | LED-24/11W / 160 mA - 2700K  | 1659.7           | 12 W              | 80  | 15.40       |
|   | 102-0810 | LED-24/7,5W / 160 mA - Amber | 512.1            | 8 W               | 80  | 15.40       |
|   | 102-0814 | LED-24/11W / 160 mA - PCA    | 1228.2           | 12 W              | 80  | 15.40       |
|   | 102-0998 | LED-24/11W / 160 mA - 3000K  | 1773.5           | 12 W              | 80  | 15.40       |
| rectangular, side throw [R60]<br> | 102-0807 | LED-24/11W / 160 mA - 2700K  | 1529.2           | 12 W              | 80  | 15.40       |
|   | 102-0811 | LED-24/7,5W / 160 mA - Amber | 471.9            | 8 W               | 80  | 15.40       |
|   | 102-0815 | LED-24/11W / 160 mA - PCA    | 1131.6           | 12 W              | 80  | 15.40       |
|   | 102-0999 | LED-24/11W / 160 mA - 3000K  | 1634.1           | 12 W              | 80  | 15.40       |

Mounting Accessories

Adaptor

| Description    | Part ID  |
|----------------|----------|
| Adaptor AFL100 | 102-0392 |



Optical Accessories

Backlight shield

| Description | Part ID  | Additional information  |
|-------------|----------|---|
| LS180       | 430-0029 | Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit. Suitable for [S61][S65][S66][S70][S71][R60][R61][P66][Q66][A61] lenses. Must be specified at time of ordering. |

