

102-0998

AFL130-ISP

**we-ef**



### 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.

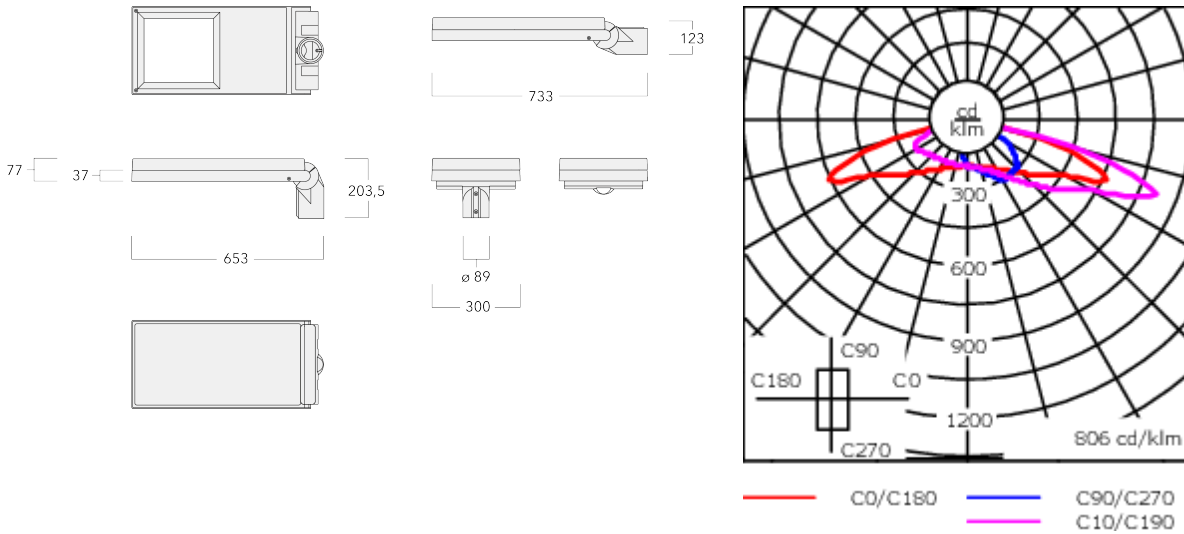
### WE-EF LIGHTING (Thailand) Co., Ltd.

57 Moo 5, Kingkaew Rd., Bangplee, 10540 Samutprakarn - Phone: +66 2 738 96 20 - Fax: +66 2 738 96 29

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|                           |                              |
|---------------------------|------------------------------|
| Weight                    | 7.00 kg                      |
| Light distribution        | asymmetric, side throw [S70] |
| Light source              | LED-24/11W / 160 mA - 3000K  |
| CRI                       | 80                           |
| Power supply              | EC                           |
| LEDs                      | 24                           |
| Rated input power         | 12 W                         |
| <b>Nominal Lumen (lm)</b> |                              |
| LED Lumen                 | 77.9                         |
| Total Lumen               | 1870                         |
| Tj                        | 85                           |
| <b>Rated lumens (lm)</b>  |                              |
| LED Lumen                 | 73.9                         |
| Total Lumen               | 1773.5                       |
| Ta                        | 25                           |

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## Specifications

### Material description

|                      |  |
|----------------------|--|
| Body                 | Marine-grade, die-cast aluminium alloy   |
| Lens                 | Non-reflective safety glass lens   |
| Colours              | <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: black; margin-right: 5px;"></div> <div>RAL9004 Signal black</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #808080; margin-right: 5px;"></div> <div>RAL9007 Grey aluminium</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #404040; margin-right: 5px;"></div> <div>RAL7016 Anthracite grey</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #e0e0e0; margin-right: 5px;"></div> <div>RAL9016 Traffic white</div> </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)     |

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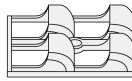
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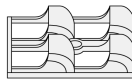
## Optical Accessories

### Backlight shield

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



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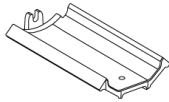
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## Mounting Accessories

### Adaptor

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



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