

**102-0850**

**AFL120-R2S**

**we-ef**



**Description**

R2S. 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 LED driver. The luminaire only has one input for the 24V DC supply voltage. Controls or sensors are not included and must be ordered separately depending on the solar system selected. 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. 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 [A61] [P66] with Backlight Shield on request.

Weight	15.40 lb
Light distribution	[S70] Type II Short
Light source	LED-24/36W / 500mA - PCA
CRI	60
Power supply	electronic gear
LEDs	24
Rated input power	39 W

**Nominal Lumen (lm)**

LED Lumen	160
Total Lumen	3840
Tj	85

**Delivered lumens (lm)**

LED Lumen	141.4
Total Lumen	3394.1
Ta	25

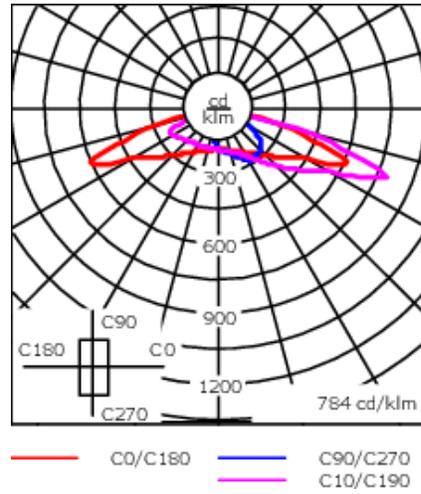
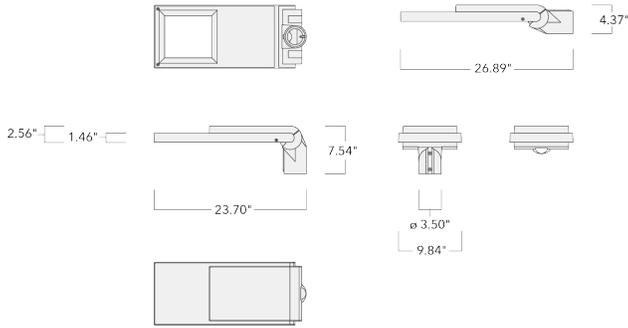
**WE-EF LIGHTING USA, LLC**

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## Specifications

### Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Non-reflective safety glass lens
Colors	<ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: black; margin-right: 5px;"></span> RAL9004 Black</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: grey; margin-right: 5px;"></span> RAL9007 Grey Metallic</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: white; margin-right: 5px;"></span> RAL9016 White</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: darkgrey; margin-right: 5px;"></span> RAL8019 Dark Bronze</li> </ul>
Gasket	CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE
Windage	0.146 m <sup>2</sup>

### Electrical description

Driver / Ballast	PWM. DALI and analogue dimming on request
Surge protection	75-100V automatic recovery

### Additional information

Lifetime	Ta=25°/40° L90B10 > 90000h
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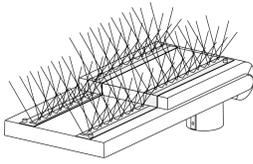
## Mounting Accessories

### Bird deterrent

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Description	Part ID
Bird deterrent BD	430-0015

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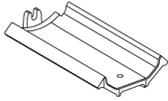
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**Adaptor**

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Description	Part ID
Adaptor AFL100	102-0392

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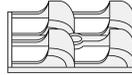
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## Optical Accessories

### 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.



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