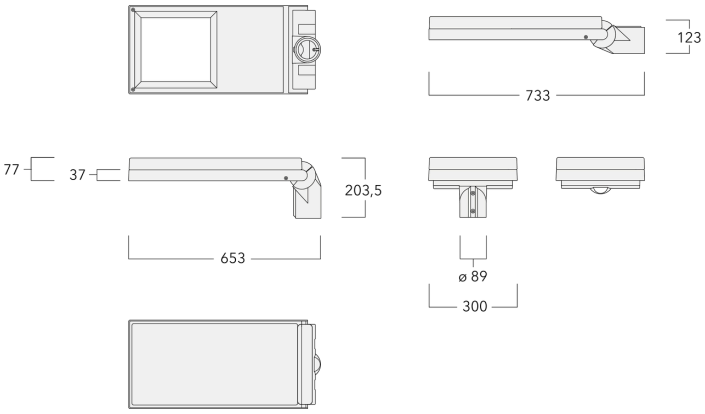
# AFL130-ISP Hybrid




**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 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] [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** **Colour temperature** **Nominal Watt**

## Configurations

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI |
|---|---|---|---|---|---|