



**Color temperature: 3000K – 4000K.**

**Up to 40W 1 to 2 led modules\*** see synoptic table.

\*The power of the luminaire is determined with the solar study.

Luminaire efficiency up to 110 lm/W.

Lifespan L80 @700mA @ $t_q=25^{\circ}C \geq 50,000h$ .

**STANDARD OPTICS**

**Lighting type for narrow street ASYM 2-2**

**MATERIALS — SURFACE TREATMENT**

Mast in aluminum RAL black 9100 sandblasted.

Baked polyester powder paint.

Optional specific seaside treatment.

**CONTROL BOX - BATTERIES**

1 Control box IP66

• 1 batterie (2P=480 Wh)

• 2 batteries (4P=960 Wh)

NiMH technology ( $-30^{\circ}C/+70^{\circ}$ )

Nominal lifespan 10 years. 5 year warranty.

Power box wiring via IP 67 connectors with keying.

**SOLAR PANEL**

7 IK08 panels. Monocrystalline technology.

Unit power of 39 W.

Complies with IEC 61215.

**INSTALLATION**

Sealing rods not supplied, specific according to the wind zone.

See installation instructions.

Batteries in the mast as standard.

**NORMS AND CERTIFICATIONS**

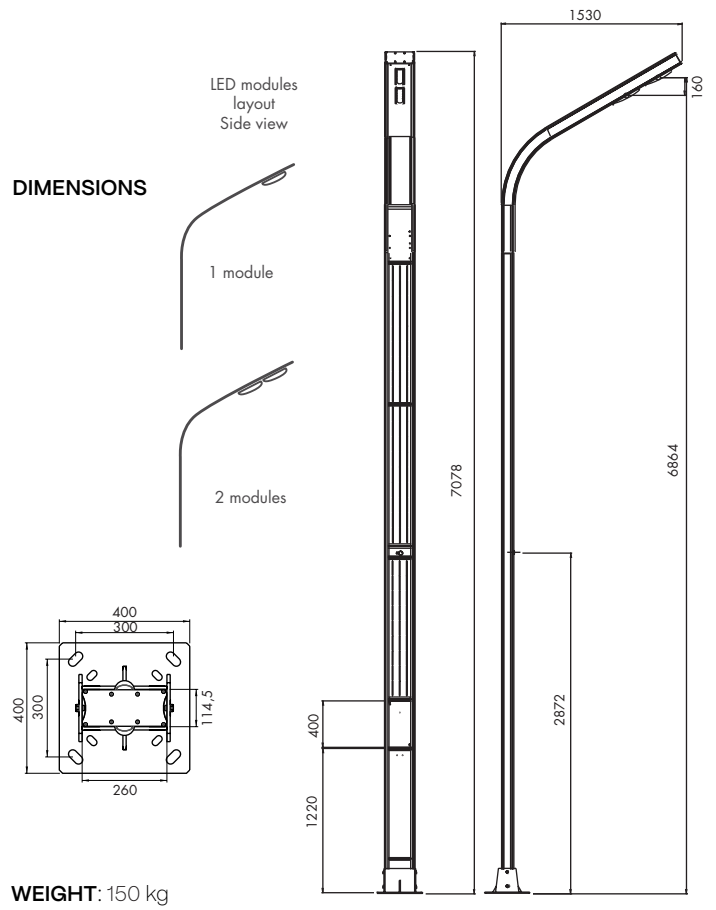
EN 60598-1/2-3 Luminaires: general requirements and tests – Public lighting luminaires

EN 62722-2-1 Performance of luminaires: Requirements for LED luminaires

UTE C15-712-2 Practical guide – Stand-alone photovoltaic installations not connected to the public distribution network with battery storage

EN 40-6 Specification for aluminum public lighting poles

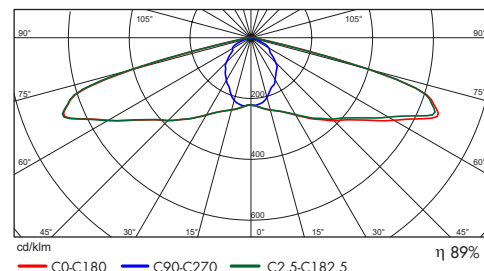
**DIMENSIONS**



**WEIGHT:** 150 kg

**POLAR CURVES**

Optics ASYM 2-2



# Curve

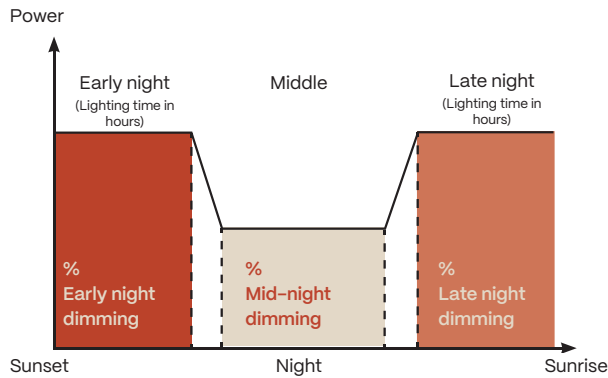
**Programming options**

- **Autonomous mode**
- **Detect function**
- **Smartlum Dialog functions**
- **Smartlum Dialog + Detect functions**

Details of features on the back.



# Autonomous mode



The lighting turns on at nightfall and turns off at sunrise following a power variation cycle.

The Autonomous mode cycle includes 3 factory-configurable levels. The powers for each period of the night, and the start and end of night durations are determined according to need.

## Detect function

In Autonomous mode, the motion sensor (radar technology) integrated into the luminaire is activated. The lighting varies upon detection of movement (person or slow vehicle).

**The settings are** the setpoint after detection, the 3 levels, and the ignition duration according to the chosen specifications.

Default timeout 30 seconds.

## Smartlum Dialog functions

**The GPS module allows you to retrieve the date and time from the integrated GPS for**

- Have a weekly calendar mode. The luminaire illuminates according to the period and intensity defined hour by hour throughout the year.
- Have a Weekend Calendar mode. Different lighting times are set during the weekend (Friday, Saturday, Sunday).
- Have a programmed switch-off at a fixed time during the night.

**The radio module allows you to communicate with the luminaire for:**

- Have synchronized switching on/dimming or switching off
- Allow on-site programming via wifi via a web browser with a smartphone, tablet or computer without any specific application or internet connection
- Define groups and transmit by radio all parameters common to all luminaires in the same group

**Smart Dimming** allows you to adapt the power without interruption of the lighting, depending on the battery charge, the need and the length of the night.

## Detect + Smartlum Dialog functions

In the Smart Lum Dialog, the motion sensor is activated to

- Have the **DETECT + GROUP** function. When movement is detected by a luminaire, the selected group(s) of luminaire(s) have synchronized switching on/dimming or switching off
- Have the **DETECT + LIGHT PATH** function. When movement is detected by a light, nearby lights gradually light up along the road to create a light path.
- Have the **DETECT** function at the light point with on-site programming via wifi