

ISOLIS - LED



• RANGE

Powers and flows in LED range synoptic table.
 Color temperature 4000K-3000K. 2700K please contact us.
 Life span L80B10 @T_a=25°C @350mA ≥ 100 000h
 Fewer than 10% of LEDs have an outgoing flux < 80% of the initial flux at 100 000h.

AVAILABLE OPTICS

- LIGHTING type for narrow streets (ASYM 2)
- LIGHTING type for roads (ASYM 3)**
- LIGHTING type for avenues (ASYM 3-1)
- LIGHTING type for parking lots (ASYM 4)

MATERIALS – SURFACE TREATMENT

Body and dome: AS 12 die-cast aluminum
 Bowl: flat tempered glass
 RAL hue or choice of structured paint
 Baked (220°C) polyester powder coating
 Optional treatment specifically for coast p.279.

MOUNTING -CABLING

On Ø60, 200mm length upper shaft. Luminaire tilted 5°.
 Light height 3.80m (column 4.50m) or 5.80m (column 6.50m)
 Column Ø140mm in galvanized iron, thermo-lacquered finish.
 Mounting plate (calculated for 28m/s max wind zone)
 4.50m column: Inter-axial sealing distance 200 x 200mm
 4 anchor bolts 18/400mm. Clump 1 000 width x 1 200 length x 1 200 weight
 6.50m column: Inter-axial sealing distance 200 x 200mm
 4 anchor bolts 24/600mm. Clump 1 400 width x 1 400 length x 1 000 weight
 Photovoltaic pivoting panel 30° or 60°
 Dimensions: 670 x 1 560mm
 Mono crystalline mono bloc providing 200W peaks, extra flat.
 AGM leak free solar batteries 24V (2x12V) 84Ah mounted in a polyester surface box buried with a shock absorber maintained by 4 vandal resistant stainless steel screws.
 Connecting with IP68 connectors. Life span up to 7 years.
 Motion detection by integrated luminaire PIR sensor.

Factory setting by default

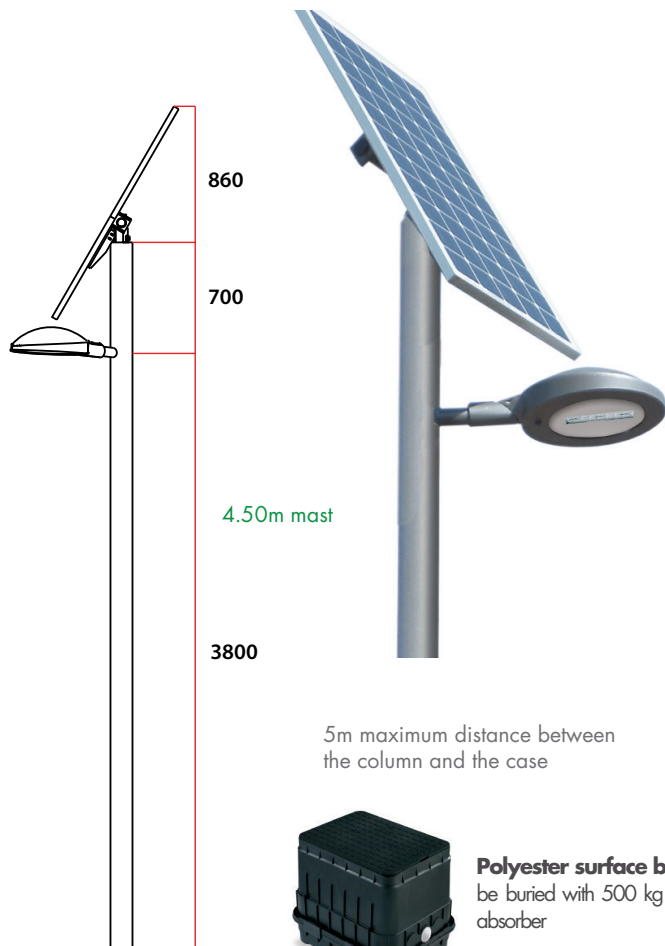
31W (+/-4W) Nominal power – on movement detection
 15W (+/-3W) reduced power. Without detection
 Delay time of movement detector: 30 seconds
 3 night autonomy max, following factory setting.

Programming on request

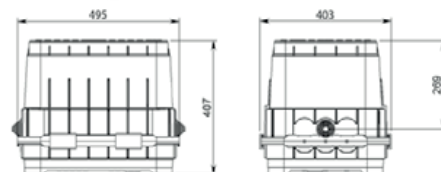
- Delay time of sensor from 30s to 1 hour
- Nightly switch offs possible and adjustable
- Reduced power adjustment threshold from 10W mini.
- Possibility of night switch off

INSTALLATION/MAINTENANCE

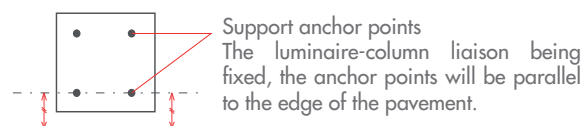
Conditions of use p.262 and of maintenance p.278.



• DIMENSIONS



Polyester surface box to be buried with 500 kg shock absorber



• POLAR CURVES

Lighting type for roads (ASYM 3)

