



REFLECTIVE INTELLIGENT SOLAR ROAD STUD

TECHNICAL FEATURES

- Use of microcontroller technology
- Road stud with high reflective elements
- Appropriate for regular traffic zones and areas of poor visibility
- Ideal for road delineation, bends/curves, crosswalks among others applications
- Rising from road surface of 17mm
- SLEEP mode to prevent discharge during storage/transport
- Constant brightness during all functioning period
- Protection against deep discharge of the batteries/capacitors
- High performance photovoltaic solar module
- Energy storage in super capacitors or batteries
- Up to 1Km visibility distance due to high intensity LEDs
- Many LEDs color options for all kind of applications
- Easy maintenance
- Different CAP treatments available by request

MODES OF OPERATION

Always On or Flashing

LED'S CONFIGURATION

Unidirectional or Bidirectional

ELECTRICAL FEATURES

Power Supply: Battery or Capacitor

Always On: 1000h (Battery), 35 (Capacitor)

Flashing: 2500h (Battery), 70 (Capacitor)

SLEEP mode autonomy: 12 Months

OPTICAL FEATURES

LED's Quantity: 1 or 2 LEDs (Unidirectional), 2 or 4 LEDs (Bidirectional)

LED's Type: 5mm

LED's Color: White, Warm White, Red, Amber, Green, Blue

Viewing Angle: 15.º

MECHANICAL FEATURES

Dimensions: Ø155 x 89 mm

Weight: 1 Kg

Material: Aluminum and Polycarbonate

Mechanical Resistance: 20 Tons

Protection Index: IP68 and IK10

