SR-i20
SOLAR ROAD STUD
YOUR SAFETY EYES
TECHNICAL FEATURES
- Use of microcontroller technology
- Appropriate for regular traffic zones and areas of poor visibility
- Ideal for road delineation, bends/curls, crosswalks among others applications
- Rising from road surface of 15mm
- 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
- Internal prismatic system
- Up to 1Km visibility distance due to high intensity LEDs
- Many led’s 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), 35h (Capacitor)
Flashing: 2500h (Battery), 70h (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: Ø144 x 87 mm
Weight: 1 Kg
Material: Aluminum and Polycarbonate
Mechanical Resistance: 20 Tons
Protection Index: IP68 and IK10