

## INDUCTION ROAD STUD “METROLIGHT ML-ITL”



The "METROLIGHT ML-ITL" induction road stud is designed with a degree of protection IP68 and IK8 - IK10 with defence accessory.

The main feature of this type of Metrolight Induction road stud is that it does not include or incorporate any electrical contact, being powered wirelessly by electromagnetic induction through an underground cable.

The electronics of the beacon are incorporated in a resistant polystyrene resin casing that allows it to be completely watertight and achieve the IP68 degree of protection indicated.

The "Metrolight ML-ITL" induction road stud is ideal for signalling and warning, separation, demarcation of lanes, roads, roundabouts, bus lanes, cycle lanes, pedestrian crossings...

"Metrolight ML-ITL" induction light does not require power supply units, which eliminates intermediate elements in the installation, reducing the possibility of failure due to malfunctions.

Metrolight ML-CITL power supply and control unit allows 4 selectable brightness levels, working modes: fixed flashing, synchronised flashing (sequential), on-line fault detection, power unit fault, power supply fault.

Possibility of connection to remote management system (ERU, DGT).

## INDUCTION ROAD STUD “METROLIGHT ML-ITL”



### **Technical characteristics:**

- LED 1w-5w (Dimmable)
- Electronic Circuit: Embedded in resin.
- Design: Lenticular.
- Housing Material: Plexiglas (Anti UV).
- Interior block: Polystyrene resin.
- Source feed: 29/38,4/59/118Khz.
- Type: Induction / Contactless.
- Source: Metrolight ML-CITL/DC.
- LED colours: White, Amber, Green, Blue, Red other options on request.
- Lumens: 100lm/w.
- Useful life: 150.000h.
- Angle of vision: Frontal 120°/ Cenital:180°.
- With metal bumper: W38° /H120°.

### **Dimensions:**

- Diameter: 118mm x Height: 21mm.
- Height above pavement/installed: < 7mm
- Net weight: 120gr
- IP68
- IK8 with IK10 shielding

### **Installation:**

- Mounting without electrical contacts.
- Suitable for use in indoor / outdoor installations.
- Mechanical anchoring.
- Options: 80mm stud, stainless steel bumper, partially underground.
- Line in asphalt for induction cable: 40mm deep x 4mm wide.

Product manufactured in Spain.

Certificates:

- Rohs/CE, EN50293, EN300330-2, EN301489-3, EN 60598-1 and -2-13.