Receiver: NOD

IP54-IK08

Patented
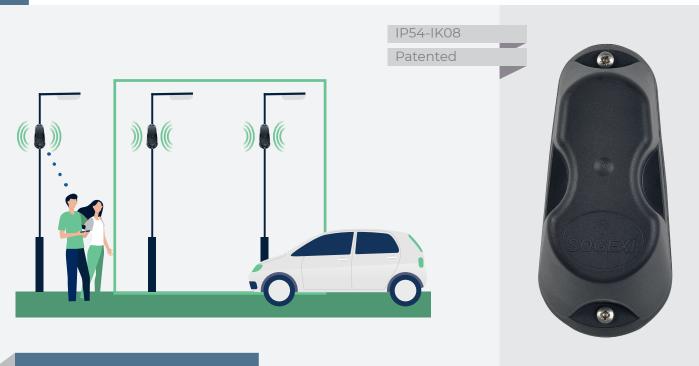

Device that receives radio detection information from the SIR Wireless sensor or a VIA relay.

The NOD instantly resumes the lighting intensity when it receives radio information from a priority instruction sent to the LED driver (the level and the duration can be adjusted).

Grading scenarios can be programmed in the NOD using the SensyCity application, with up to 5 time phases per night.

Power supply built into the module for simplified installation into lamppost bases.

Associated with Tegis, it is also a communicating management node for the control and the monitoring of a light point.

ADVANTAGES

Easy to install on all kinds of lampposts.

The adaptable installations can be re-configured and extended.

Associated with Tegis ecosystem, it becomes a management node.

TECHNICAL CHARACTERISTICS

Mechanical characteristics:
· Mechanical strength: IK08 casing.
· IP54 protection rating.
· Material: polypropylene casing and protective skirt in thermoplastic elastomer.
· Colour: Black.

Electrical specifications:
· Main power supply: 220-240 Vac / 50-60 Hz.
· Power consumption: < 1 W.
· Electrical class: Class 2.
· Overvoltage resistance: 4 kV.
· Also available in 9-30 Vdc battery version, LED driver control only on the dry contact output.

Communication:
· Between light points: Secure LoRa radio.
· LED driver control: DALI or dry contact output.

Installation:
· Operating temperature: -20°C to +60°C.
· Wiring: 5 metres of cable included (4 conductors).
· Mounting: 3 holes / 2 M4 self-tapping screws.
· Recommended height: 3 m to 4.5 m.

On-site configuration:
· On-site configuration interface: SensyCity application.
· On-site configuration tools: USB radio dongle.
· Many functions can be adjusted on-site.

Remote configuration in association with Tegis (dimming and monitoring of the light points)

Standards and certifications:
· Product standard: NF EN 60529.
· Product standard: NF EN 61347-2-11 (street lighting).
· EC Certifications.