



MANAGEMENT SOLUTION

Standardized communication node - SLC NEMA



IP66 - IK09

Compatible D4i



The SLC NEMA (Smart Lighting Controller NEMA) is a mesh local area network communication node for intelligent public lighting management.

D4i-compatible, it can be installed on any type of standardized luminaire equipped with NEMA connectors.

When paired with an “APS” communication gateway, the SLC NEMA enables control and monitoring of the light point. Remote configuration and various alerts are accessible from the Tegis WEB user interface.

ADVANTAGES

- Compatible with D4i drivers.
- Equipped with an internal temperature sensor to prevent node wear.
- Equipped with GPS for astronomical clock synchronization.
- Uses a self-forming and self-healing mesh network.

TECHNICAL SPECIFICATIONS

Mechanical specifications:

- IP66 and IK09 protection rating.
- Material: Polycarbonate.
- Dome color: Transparent gray.

Electrical characteristics:

- Operating voltage: 110V - 240VAC.
- Frequency: 50 - 60 Hz.
- Classe 2.
- Simple equipment management only.

Communication :

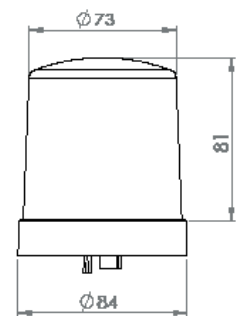
- Radio mesh network powered by Wirepas.
- Maximum distance between two communicating nodes: 150 m
- Maximum distance between the APS and at least two nodes: 150 m
- Software update: remote (FUOTA).

Installation :

- Operating temperature: -30°C to +70°C.
- Mounting: NEMA receptacle.

Configuration:

- Tegis web platform.



Dimensions : Ø 84 x H 81 mm