



## MANAGEMENT SOLUTION

# Standardized communication node - SLC Zhaga



IP66 - IK08

Zhaga book 18



The SLC Zhaga (Smart Lighting Controller Zhaga) is a communication node in a local mesh network for the intelligent management of public lighting.

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

When combined with an “APS” communication gateway, the SLC Zhaga enables the control and monitoring of light points.

Remote configuration and various alerts are accessible from the Tegis WEB user interface.

## ADVANTAGES

Easy to install, the SLC Zhaga complies with Zhaga Book 18 standards.

Compatible with D4i drivers.

Compatible with any Zhaga type B detector certified D4i.

Equipped with a GPS for geolocation.

Equipped with an internal temperature sensor to prevent node wear.

Uses a self-forming and self-healing mesh network.

## TECHNICAL SPECIFICATIONS

### Mechanical specifications:

- IP66 and IK08 protection rating.
- Material: Polycarbonate.
- Dome color: Transparent gray.

### Electrical characteristics:

- Main power supply: 24 VDC via D4i equipment or equivalent.
- Electrical class: compatible with Class I, II, or III luminaires.
- Simple equipment management only.

### Communication:

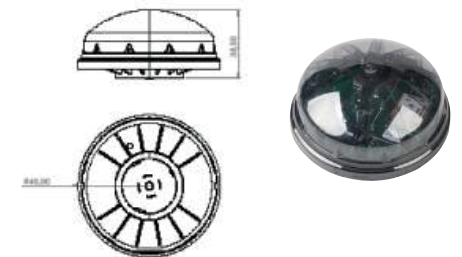
- Radio mesh network powered by Wirepas.
- Maximum distance between two communicating nodes: 150 m
- Mise à jour logiciel : à distance (FUOTA).
- Maximum distance between the APS and at least two nodes: 150 m.
- Software update: remote (FUOTA).

### Installation:

- Operating temperature: -30°C to +70°C.
- Mounting: Zhaga receptacle (Zhaga Book 18).

### Configuration:

- Tegis web platform.



Dimensions : Ø 80 x H 38,5 mm