

GDS ZHAGA 18 - 40 mm

868 Mhz Node

The node is a point-to-point remote control device designed to make public lighting devices smart, characterized by extremely compact dimensions. It is able to communicate directly via an 868MHz interface, with a Gateway for monitoring and managing the lighting fixture to which it is connected.

Thanks to the reduced energy consumption the device, powered by Zhaga connector can be connected to the auxiliary output of the power supply (24V).



DALI management

- DALI-2 command management (D4i)
- Reading and writing of DALI registers and memory
- Reading via DALI of standard values and custom values

KEY POINTS

1

DALI-2 drivers (D4i)

2

Dimming profiles

3

Light point management
from the control center

4

Mode of operation
stand-alone

5

Adaptive lighting mode

6

Compatible with CAM profiles

7

OTA firmware update
(Over the air)

8

Master clock function with GPS
(Optional)

MAIN FEATURES

Remote control	Complete management of the LED luminaire remotely
Interface	DALI-2 luminous flux regulation, communication in Master mode
Supervision lamp	Monitored quantities: • Input voltage and on LED plate; • Power; • Power factor; • Current on LED plate; • Dimming value set; • Power supply alarm states

HARDWARE FEATURES

Radio principal frequency	868 MHz
Transmission power	Adjustable up to +14 dBm
Reception sensitivity	-130 dBm
Standards of communication	Star network
DALI interface	Master not isolated
Power supply	16-24V, <1W
Degree of protection	IP66; Bumps: IK09
Mode of operation	"Stand alone" light point based on a daily scheduling profile
Operating temperature	From -25°C to +75°C - H.R. 10 -90%
Options	GPS; Accelerometer; Photocell
Applicable regulations	Complies with the applicable legal regulations for the type of product



24V



DALI2



Wireless 868



Monitoring



IP66