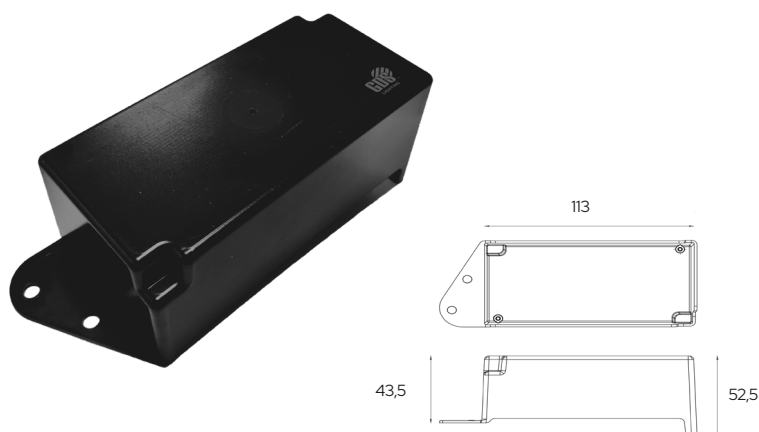


GDS IP20 868 Mhz Node

The node is a point-to-point remote control device designed to make public lighting devices smart. It is able to communicate via an 868 MHz wireless interface with a central gateway for monitoring and managing the lighting fixture to which it is connected. The node can manage the lighting body directly ON/OFF, with DALI control. The device can be powered at 230Vac @50-60Hz.



DALI

- IP20 for LED Retrofit Kit installations

DALI MANAGEMENT

- Management of DALI commands
- Reading and writing of DALI registers and memory
- Reading via DALI of the standard values (effective dimmer, driver error, faulty LED, etc.) and custom values (current, voltage, temperature, operating hours, memory, etc.)
- Management of communication profiles for devices (LED drivers) that expose on DALI useful information

KEY POINTS

1

DALI and DALI-2 drivers

2

Dimming profile

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 / 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
Antenna	External via SMA connector
Standards of communication	Star network
DALI interface	Master not isolated (version 2.0)
Interface	DALI
Lamp control	Driver control via DALI / DALI-2
Clock	HW with backup via Super cap
Power supply	220-240 V
Mode of operation	Preset "Stand alone" profile based on virtual midnight
Operation emergency	Last profile loaded in case of disconnection from the operations center
Operating temperature	From -25°C to +75°C - H.R. 10 -90%
Applicable regulations	Complies with the applicable legal regulations for the type of product



230 Vac

DALI
DALI2

Wireless 868



Monitoring



IP20

IP20