

## LCM GO™

The Prolojik GL100 LCM (GO™) is the next generation lighting control from Prolojik. It takes lighting control from the domain of the specialist engineer and makes it available to installers and end-users without compromising on functionality.

The GL100 LCM uses Bluetooth 4.2 and interfaces with the unique designed Prolojik App for fast and simple installation and set-up.



### Key Features

- 9 port LCM, with 3 switching relay groups
- Fully pluggable design
- 3 switch inputs supporting latching and reactive switches
- 3 sensor inputs supporting occupancy, absence, presence, constant lux control, and scene recalls
- DALI auto addressing
- Bluetooth programming using free Android and iOS app
- Bluetooth mesh network for group control

### Accessories

- GS400 Multi Sensor
- GS480 BLE Repeater Sensor
- GC604 4 Scene Plate
- GC861 Single Wireless Switch
- GC862 Double Wireless Switch
- GC310 IR Remote Control
- PC013F Mains Connector
- PC015M 5 pole Connector
- PC015T 5 pole T Connector
- PC016M 6 pole Connector
- PC016T 6 pole T Connector

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## Specification

### Features

9 Output lighting control module  
DALI dimming control  
Simple integration and wiring  
Extra low depth for shallow ceiling voids  
Emergency light test instigation  
Screw mounting kit included

### Outputs

9 x independently addressable output groups, supporting up to 16 DALI drivers  
3 x switchable relay output groups ports 1-4, 5-7, 8 & 9  
Maintained live relay on ports 2 & 8  
1450W total output power rating (160W per port)  
100mA DALI supply

### Inputs

3 x low voltage inputs for switch  
3 x port for GS400 sensor or GC604 scene plate

### Networking

Bluetooth 4, 2 and Bluetooth mesh networking

### Cabling and connectors

Mains input  
Sensor connectors  
9 x outputs – Wieland GST18i6 x 2 Weiland GST18i5 x 7

### Dimensions

259mm DIA (not including connectors) x 50.5mm deep

### Fixings

2 x 9mm fixing holes (suitable for drop rod and surface mounting)  
4 x 7mm holes for drop rod or surface mounting

### Safety

BS EN 62368  
Isolation: 4kV between mains and sensors control

### Conformity and Standards

EMC emissions: EN 61000-6-3  
EMC immunity: EN 61000-6-1  
DALI 2.0 compliant  
ARCOM MasterSpec 2013 Classification 29 09 33

### Environment

Storage  
Temperature: -10°c - +50°c  
Humidity: 0% -90% non-condensing

### In Use

Temperature: 0°c - +40°c  
Humidity: 10% -90% non-condensing

### Mains Input

Mains supply: 230Vac +/- 10%; 50Hz/60Hz  
Connections: Input male socket for PC013F  
Weiland GST18i3 female plug  
Plug not included

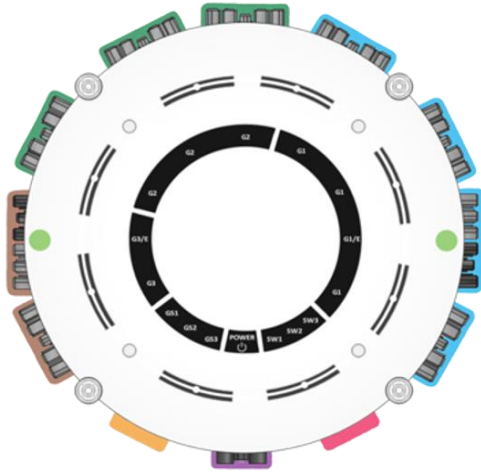
### Parasitic Power Loss

0.16W

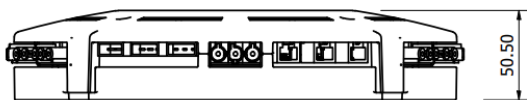
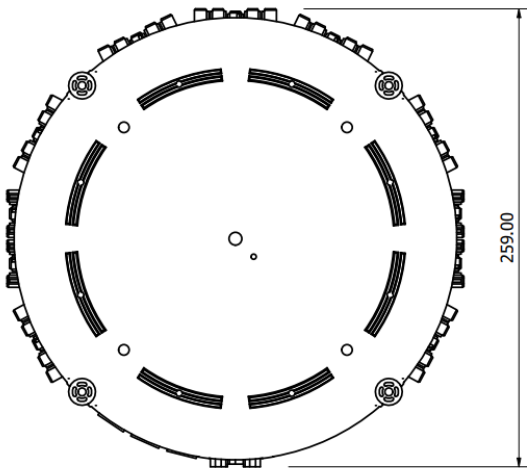
### Sensor & Switch inputs

Sensor supply: 12Vdc +/- 5%, 30mA  
Sensor isolation: 2kV  
Connection: FCC68 4P4C (RJ11)

### Technical Data



- Group Output 1
- Group Output 2
- Group Output 3
- Emergency Luminaire Output
- Switch Input
- Sensor Input
- Mains Input

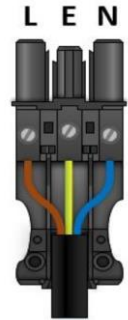


#### Network

Bluetooth 4.2 networking. Auto discoverable with password security. Android and iOS app for configuration and monitoring

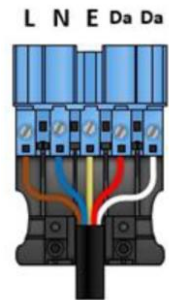
#### Power

Wieland GST18i3 female plug  
 Prolojik Part: PC013  
 Wieland Order: 92.933.0053.1  
 16 A 250V rating  
 Screw terminal for L, N, E  
 Cable cross section area from 0.5 to 2.5mm<sup>2</sup>



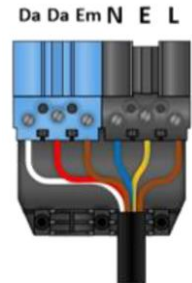
#### Outputs

7 ports Wieland GST18i5 male plug  
 Blue: Prolojik Part: OC015  
 Wieland Order: 92.954.4453.0  
 16 A 250V rating  
 Screw terminal for L, N, E DALI+ and DALI-  
 Cable cross sections from 0.5 to 2.5mm<sup>2</sup>



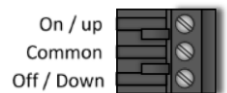
#### Outputs

2 ports Wieland GST18i6 male plug  
 Black/Blue: Prolojik Part: PC016  
 Wieland Order: 34.362.0210.2  
 16 A 250V rating  
 Screw terminal for L, N, E, Em, DALI+ and DALI-  
 Cable cross sections from 0.5 to 2.5mm<sup>2</sup>



#### Switch Inputs

3 pole 5.08mm pitch plug  
 Cable cross section area from 0.5 to 2.5mm<sup>2</sup>  
 (3 x Supplied with LCM)



#### Sensor Inputs

FCC68 4P4C (RJ11) terminations for 3 sensors  
 Prolojik sensor cables are available in 5, 10, 15m lengths

