

## GENERAL INFORMATION

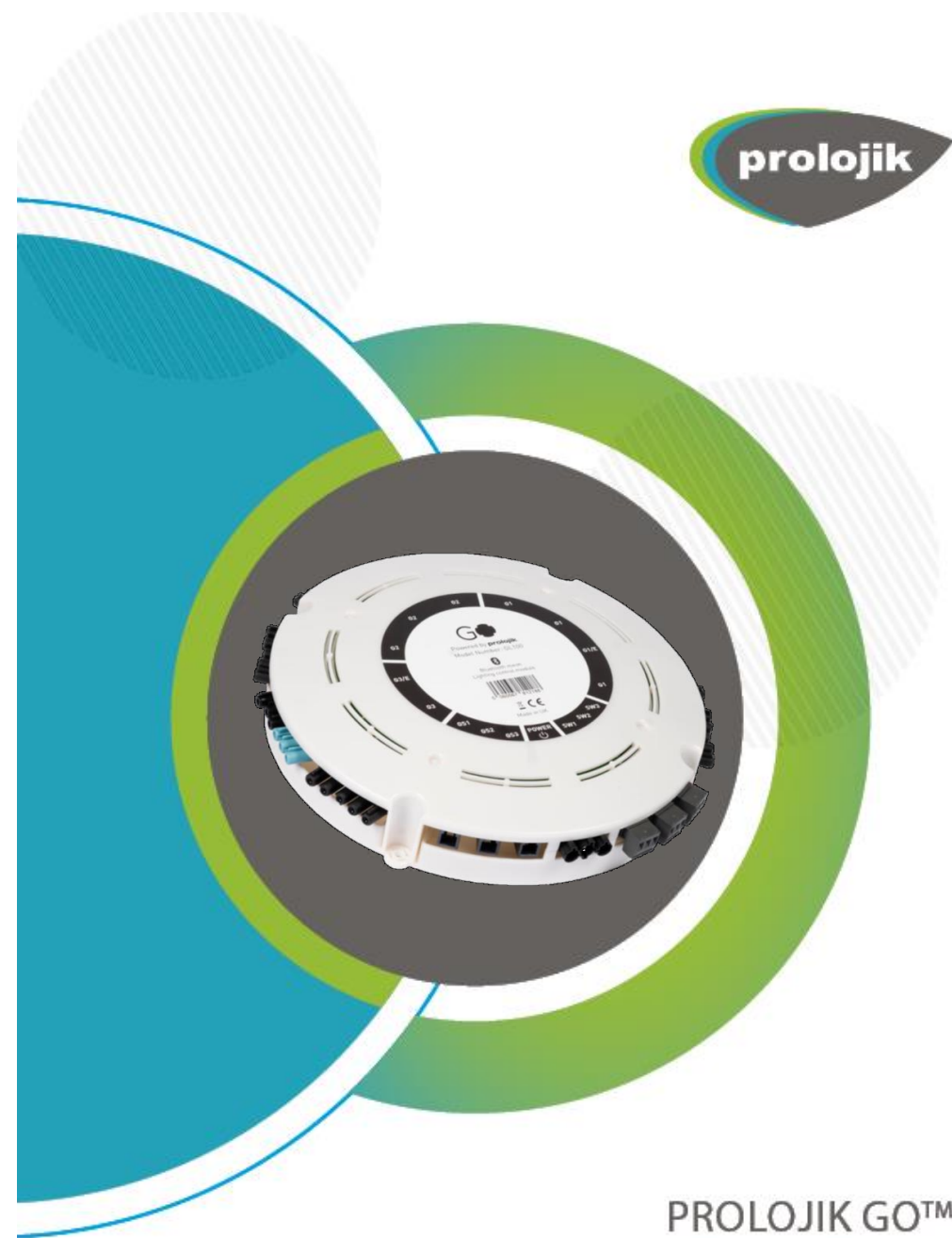
- 1) A qualified electrician, in accordance with IEE wiring regulations should carry out connection to mains wiring.
- 2) Ensure that the rated voltage and frequency requirements are compatible with the available mains supply.
- 3) Do not carry out high voltage insulation test, i.e. 500/1000v this may damage internal components.

## SPECIFICATION

- Bluetooth mesh networking
- App connect to control and commission - Android and iOS compatible
- Maximum output per LCM: 6.3A (internally fused)
- Maximum DALI dimming load: 100mA
- Mains supply: 230Vac +/- 10%; 50Hz/60Hz
- LCM Parasitic Power Loss = 0.16W
- Sensor and switch input: FCC68 4P4C RJ11 connection
- Sensor supply: 12Vdc +/- 5%, 20mA
- Sensor Parasitic Power Loss = 0.036W
- Inrush current: 1s time delay between group outputs at power-up
- Isolation: 4kV between mains and sensors control
- ABS housing

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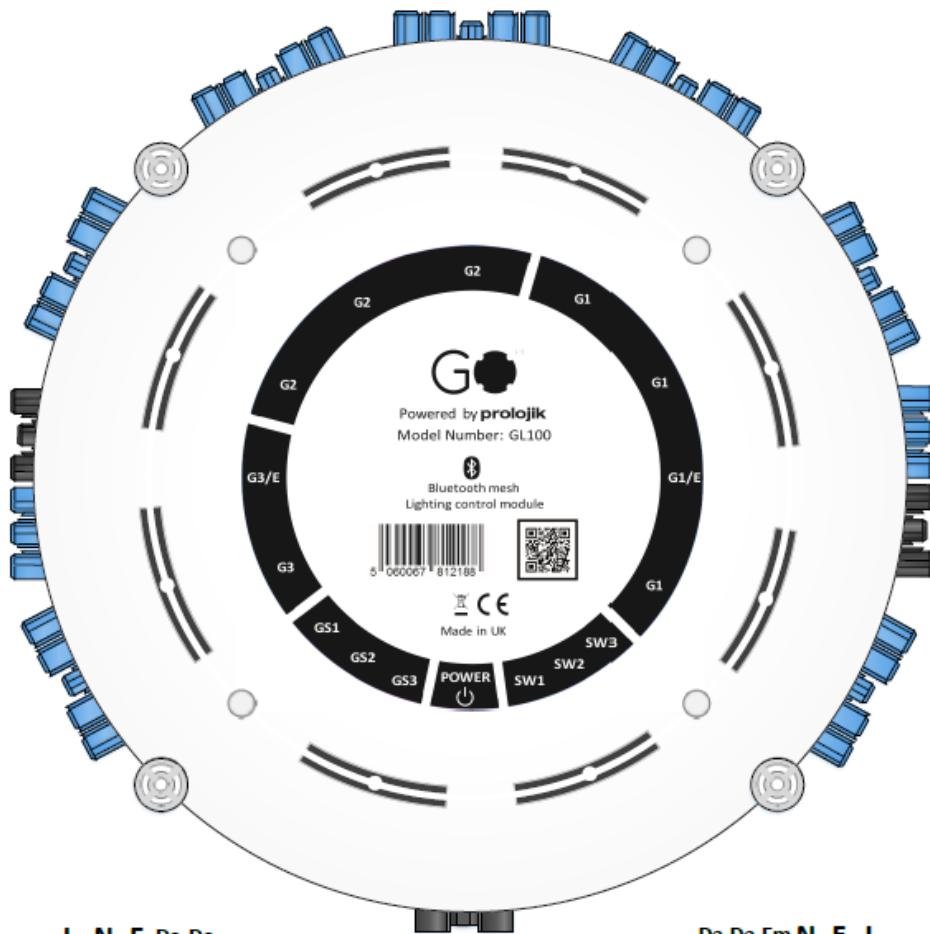
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IF IN DOUBT, CONTACT US.



GL100

PROLOJIK GO™  
Installation Guide

E661.003



### Mechanical Installation:

- Surface or drop-rod installation only.
- 4 x M4 mounts are provided at the base for surface mounting
- 4 x 10mm M4 screws and wall plugs (supplied) to be used for solid concrete installation. For all other surfaces, please use a suitable alternative.
- Drill out the inner mount rings for M8 drop rod fixing
- Label **MUST** face towards the floor
- **ONLY** mount in a horizontal orientation
- **DO NOT** vertically mount the LCM
- Mount flat / level - avoid distortion or damage to the enclosure
- Ensure a **MINIMUM** of **50cm** clearance around the LCM
- Ensure a clear line-of-sight between LCM's
- Total weight load bearing, including plugs and cabling, = 20kg. Exceeding this may cause damage to the unit.
- **ALL** cables should be dressed and tied to avoid any strain on the sockets.
- Distance bet LCM's ween **MUST** be less than 8 meters
- **MAX** 20 LCM's per network cluster
- **MAX** 16 DALI addresses per LCM
- 1 light per port is preferred, max 15 lights per LCM in total, in accordance with output limits

This LCM *may* require a firmware update. Please follow in-app messages to perform firmware updates before any commissioning of the system

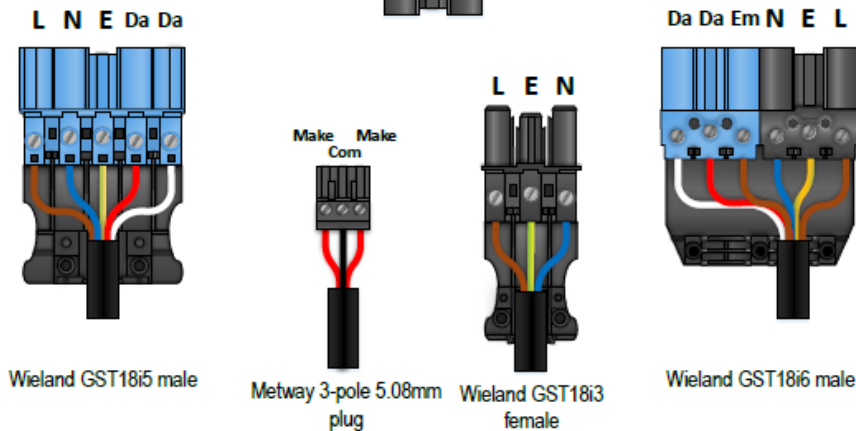
Please refer to the Go User Guide E599 for further details and operative and commissioning instructions.

Please refer to the Prolojik Bluetooth Design Guide for further details on signal and communications details.

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**ENSURE ALL PLUGS ARE WIRED AS SHOWN ABOVE  
FAILURE TO COMPLY MAY RESULT IN DAMAGE TO  
THE LCM OR THE LUMINAIRE**