

LED controller

INFINITE IoT Lighting RGB+CCT LED controller

LCM001/b3

MEGAMAN®

PRODUCT DATASHEET

Preliminary



PRODUCT FEATURES

- Works with Infinite® IoT Lighting
- Compatibles with different type of luminaire, the traditional lighting can be controlled by connecting.
- Compatibles with Smart sensors and Smart Switch
- Easy setting on Infinite® mobile APP
- Wireless communication through Bluetooth® Low Energy (BLE)



APPLICATIONS

- Bathrooms
- Hotels
- Kitchens
- Offices
- Restaurants

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Preliminary

PRODUCT INFORMATION

| | |
|--------------|-----------|
| Model Number | LCM001/b3 |
| Product Code | LCM001/b3 |
| MM Code | |

ELECTRICAL INFORMATION

| | |
|----------------------------|--|
| Input Voltage | DC 12-54V |
| Output Current per Channel | Max. 5A |
| Total Output Current | Max. 10A |
| Load Power | 120W@12V, 240W@24V, 360W@36V, 480W@48V, 540W@54V |
| No. of Channel | 5 |

DIMMING AND CONTROLS

| | |
|-----------------|--------------|
| Dimmability | Yes, via BLE |
| Tunable White | Yes |
| Colour Changing | Yes |

GENERAL INFORMATION

| | |
|-----------------------|---------------|
| IP | IP20 |
| Operating Temperature | -20°C – +60°C |

LIFE PERFORMANCE

| | |
|----------------------------|---------|
| Number of Switching Cycles | 100,000 |
|----------------------------|---------|

RF INFORMATION

| | |
|--|-----------|
| Protocol | Bluetooth |
| Frequency | 2.4 GHz |
| Maximum control distance (Line of sight) | 30m |
| Suggest distance between devices (nodes) | 10m |

MECHANICAL AND METERIAL

| | |
|------------------|---------------|
| Housing Material | Polycarbonate |
| Housing Colour | WH26 |
| Length | 89 mm |
| Width | 48 mm |
| Height | 23.5 mm |
| Weights | 60 g |

DIMENSIONAL DRAWING

LOGISTIC INFORMATION

| Model No. | Inner Box | Outer Box | Outer Box Dimensions | | | Gross Weight per Outer Box |
|-----------|----------------|----------------|----------------------|-----|-----|----------------------------|
| | Packaging Unit | Packaging Unit | L | W | H | |
| | pcs/unit | pcs/unit | mm | mm | mm | kg |
| TBA | 1 | TBA | TBA | TBA | TBA | TBA |