

PRODUCT DATASHEET LC RF CONTROL 24V RGBW/TW

LC RF CONTROL RGBW/TW | Dimming controller with radio frequency technology



Areas of application

- General illumination
- Architecture lighting
- Dynamic light as an architectural effect in public zones
- Cove lighting
- Hotels
- Offices
- Residential interiors

Product benefits

- Control options via radio remote control or radio control unit
- Dimmable by pulse width modulation (PWM)
- Simple and quick connection thanks to the MATCH function
- Dimming curve logarithmic in a range of 0-100% with a dimming level of 4096

Product features

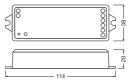
- LED 2.4 GHz master radio receiver
- 5 channels for RGB, RGBW and Tunable White applications
- Supply voltage: 12 V and 24 V
- High performance per channel up to 60 W with 12-24 V power supply

TECHNICAL DATA

Electrical data

| Nominal wattage | 300.00 W |
|-----------------------------|----------|
| Nominal output power | 300 W |
| Nominal voltage | 1224 V |
| Nominal output voltage | 1224 V |
| Type of current | DC |
| Nominal output current | 5*2.5 A |
| Mains frequency | 0 Hz |
| Operating frequency | 2.4 GHz |
| Power loss in stand-by mode | 0.4 |

Dimensions & Weight



| Length | 114.00 mm |
|----------------|-----------|
| Width | 38.00 mm |
| Height | 20.00 mm |
| Product weight | 65.00 g |

Colors & materials

| Product color | White |
|-----------------|--------------|
| Casing material | Fireproof PC |
| Body material | Plastic |

Temperatures & operating conditions

| Ambient temperature range | -30+55 °C |
|--------------------------------------|-----------|
| Maximum temperature at tc test point | 0° 08 |

Capabilities

| Dimmable | Yes |
|------------------------|--------|
| Dimming range | 0100 % |
| Overheating protection | Yes |
| Overload protection | No |

| Type of connection, output side | Constant pressure |
|---------------------------------|-------------------|
| Number of control outputs | 5 |
| Transmitter range | 30 m |

Certificates & Standards

| Approval marks – approval | CE / EMC / LVD / RED / RF | |
|---------------------------|---|--|
| Standards | Acc. to EN 300328 / Acc. to EN 301489 / Acc. to EN 60950 / Acc. to EN 62479 | |
| Protection class | III | |
| Type of protection | IP20 | |

LOGISTICAL DATA

| Temperature range at storage | -30+55 °C |
|------------------------------|-----------|
|------------------------------|-----------|

Safety advice

- All electrical connections must be made by a qualified person.

- Disconnect mains before installation.

DOWNLOAD DATA

| | Documents and certificates | Document name | |
|-----|--|---------------------------|--|
| POF | User instruction / safety instructions | LC RF CONTROL 24V RGBWTW | |
| POF | Legal information LC RF Legal Insert | | |
| POF | Declarations of conformity | LC RF CONTROL 24V RGBW TW | |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075435834 | Folding box 1 | 120 mm x 44 mm x 26 mm | 75.00 g | 0.14 dm ³ |
| 4058075435841 | Shipping box 10 | 145 mm x 130 mm x 105 mm | 818.00 g | 1.98 dm ³ |
| 4058075509795 | Shipping box 120 | 300 mm x 280 mm x 340 mm | 10383.00 g | 28.56 dm ³ |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.