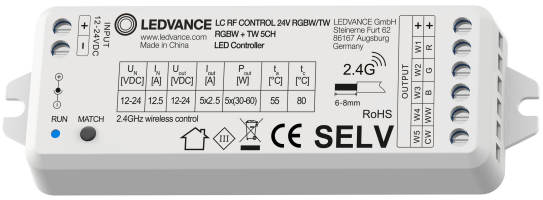
PRODUCT DATASHEET
LC RF CONTROL 24V RGBW/TW

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

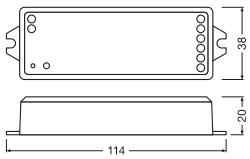
© 2026, LEDVANCE GmbH. All rights reserved.

TECHNICAL DATA

Electrical data

Nominal wattage	300.00 W
Nominal output power	300 W
Nominal voltage	12…24 V
Nominal output voltage	12…24 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	80 °C

Capabilities

Dimmable	Yes
Dimming range	0…100 %
Overheating protection	Yes
Overload protection	No
Type of connection, output side	Constant pressure

© 2026, LEDVANCE GmbH. All rights reserved.

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
PDF	User instruction / safety instructions	LC RF CONTROL 24V RGBWTW
PDF	Legal information	LC RF Legal Insert
PDF	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.

© 2026, LEDVANCE GmbH. All rights reserved.