

# PRODUCT DATASHEET

## LED STRIP CONTROL DIRECT TW RGB ZB

LED STRIP CONTROL DIRECT | Zigbee 3.0 control unit for led strips



### Areas of application

- Cove lighting
- Architecture lighting
- General illumination
- Hotels
- Offices
- Residential interiors

### Product benefits

- Slim Design for easy installation in narrow places
- Control DIM, TW or RGB LED Strips wirelessly without the need for control cables
- Zigbee 3.0 certified device for integration to any 3rd party Zigbee Control System
- Works without gateway in Direct Easy or with Vivares Zigbee

### Product features

- Zigbee 3.0 certified control device for LED Strips
- 5 channels for DIM, TW or RGB and TW Control
- Overtemperature protection
- High power per channel up to 96 W possible
- Input Voltage 12...24 V
- Direct commissioning via bluetooth possible

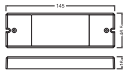
TECHNICAL DATA

Electrical data

Nominal wattage	480.00 W
Nominal output power	480 W <sup>1)</sup>
Nominal voltage	12...24 V
Input voltage DC	12...24 V
Type of current	DC
Nominal current	20 A
Mains frequency	50/60 Hz
Total harmonic distortion	< 20 %
Power factor $\lambda$	> 0.9

1) Related to 24V input

Dimensions & Weight



Length	145.00 mm
Width	47.00 mm
Height	16.00 mm
Cable cross-section, input side	0.5...1.5 mm <sup>2</sup>
Wire preparation length, input side	6...7 mm
Product weight	79.00 g

Colors & materials

Product color	White
Body material	Polycarbonate (PC)

Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
Maximum temperature at tc test point	75 °C
Temperature range in operation	-20...+50 °C

Additional product data

Product remark	Available from September 2025
Number of control outputs	5

Commissioning App	App (Android/ iOS)
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## Capabilities

Dimmable	Yes
Dimming interface	Zigbee 3.0 / IoT
Overload protection	No
Number of control outputs	5

## Certificates & Standards

Standards	CE / ROHS / REACH / UKCA
Protection class	III
Type of protection	IP20






## LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
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## Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

## DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	LED STRIP CONTROL DIRECT TW RGB ZB
	Legal information	Informationstext 18 Abs 4 ElektroG
	Legal information	Safety Insert LED STRIP CONTROL DIRECT TW RGB ZB
	Declarations of conformity	LED STRIP CONTROL DIRECT TW RGB ZB
	Declarations of conformity UKCA	LED STRIP CONTROL DIRECT TW RGB ZB

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854550386	Folding box 1	147 mm x 50 mm x 25 mm	119.00 g	0.18 dm <sup>3</sup>
4099854550393	Shipping box 100	380 mm x 270 mm x 280 mm	12900.00 g	28.73 dm <sup>3</sup>

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.

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### References / Links

– For current information see [www.ledvance.com/light-management-systems](http://www.ledvance.com/light-management-systems)

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### DISCLAIMER

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