

# PRODUCT DATASHEET

## SMART+ ZB FLEX 2P EXT RGB + W

SMART+ Flex RGBW | Flexible LED strips for indoor use with Zigbee technology

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### Areas of application

- General illumination



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### Product benefits

- Splittable in three parts and extendable with SMART+ FLEX 2P EXTENSION
- Easy to install and use

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### Product features

- Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)
- Flexible, self-adhesive RGBW strip with wireless smart lighting function
- RGB color control, approx. 16 million color options adjustable
- Adjustable color temperature via Tunable White: 2,000...6,500 K
- Dimmable
- Network protocol: ZigBee
- Lifetime: up to 20,000 h
- Controllable via compatible smart home system (gateway and app) or SMART+ Switch
- For full functionality, connection to a compatible smart home System (gateway and app) required
- Extendable up to 5 meters

**TECHNICAL DATA**

**Electrical data**

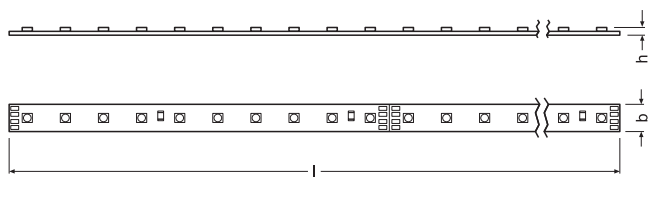
Nominal wattage	6.00 W
Nominal voltage	220...240 V
Nominal current	430.000 mA
Protection class	III
Operating mode	External LED driver

**Photometrical data**

Luminous flux	500 lm
Total luminous flux of contained light sources	460 lm
Luminous efficacy	83 lm/W
Color temperature	2000 ... 6500 K
Light color (designation)	RGBW
Color rendering index Ra	≥80
Standard deviation of color matching	< 6 sdcn
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	120 °

**Dimensions & Weight**

Length	1200.00 mm
Width	12.00 mm
Height	3.00 mm
Product weight	65.00 g



Product line drawing with numbers



Product line drawing with numbers

**Materials & Colors**

Product color	Transparent
Housing color	White

Body material	Plastic
Cover material	Polycarbonate (PC)

### Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+80 °C
Type of protection	IP20
Dimmable	Yes
Type of dimming	ZIGBEE
Mounting type	Surface
Mounting location	All surfaces / Wall
Application environment	Indoor
LED module replaceable	Not replaceable
With light source	Yes

### Lifespan

Lifespan L70/B50 at 25 °C	30000 h
Number of switching cycles	15000

### Certificates & Standards

Standards	CE / UKCA
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### Additional product data

Product remark	Reset settings to default by switching the product on for five seconds and off for five seconds and repeating this five times.
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### EQUIPMENT / ACCESSORIES

- For control via LEDVANCE SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)
- Control via app requires LIGHTIFY system (app and gateway) or other compatible Smart home system
- Power supply included (except extension version of product)

### DOWNLOAD DATA

Documents and certificates	
	User instruction
	Packaging insert
	Declarations Of Conformity CE

## Documents and certificates



Declarations Of Conformity UKCA

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854024498	Folding box 1		255.00 g	
4099854024504	Shipping box 4	327 mm x 202 mm x 138 mm	1019.00 g	9.12 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.

## References / Links

- Further information and frequently asked questions (FAQs) at [www.ledvance.com/consumer/smart/faq](http://www.ledvance.com/consumer/smart/faq)

## DISCLAIMER

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