

# 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

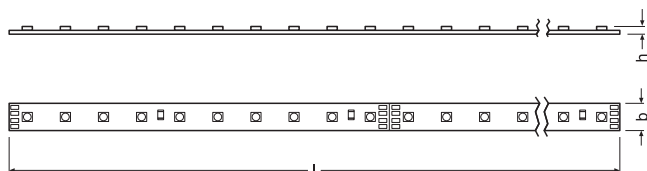
Nominal wattage	6.00 W
Nominal voltage	220...240 V
Nominal current	430.000 mA
Protection class	III
Operating mode	External LED driver

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 sdc <sub>m</sub>
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



SMART+ Flex

SMART FLEX 2P RGBW EXT

Materials & Colors

Product color	Transparent
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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
With light source	Yes

### Lifespan

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

### Certificates & Standards

Standards	CE / UKCA
Replaceable light source (EPREL)	Not replaceable

### 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)

### Safety advice

- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by a qualified person in order to avoid a hazard.
- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.
- Do not connect the rope light to the supply while it is wound onto a reel. Do not use the lightstrip when covered or recessed into a surface. The string of lights may not be operated within the packaging. Do not open the lightstrip.

## DOWNLOAD DATA

	Documents and certificates	Document name
	User instruction / safety instructions	SMART+ FLEX 2P MULTICOLOR EXTENSION
	Legal information	Legal insert residential luminaire
	Declarations of conformity	SMART FLEX
	Declarations of conformity UKCA	SMART FLEX EXT

## 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.