PRODUCT DATASHEET
SMART+ ZB FLEX 2P EXT RGBW

SMART+ ZB FLEX Multicolour | Flexible LED strips for indoor use with Zigbee technology



Areas of application

- General illumination

Product benefits

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

Product features

- 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



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TECHNICAL DATA

Electrical data

Nominal wattage	6.00 W
Nominal voltage	220…240 V
Type of current	AC
Nominal current	430.000 mA

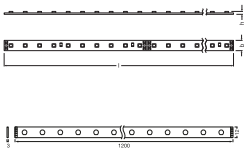
Photometrical data

Luminous efficacy	83 lm/W
Luminous flux	500 lm
Color temperature	2000 … 6500 K
Color rendering index Ra	≥80
Light color (designation)	RGBW
Standard deviation of color matching	< 6 sdcm
Photobiological safety group acc. to EN62778	RG1

Light technical data

Beam angle	120 °

Dimensions & Weight



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

Colors & materials

Product color	Transparent
Body material	Plastic
Cover material	Polycarbonate (PC)

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Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Temperature range in operation	-20…+40 °C

Lifespan

Number of switching cycles	15000

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.
Mounting location	All surfaces / Wall

Capabilities

Dimmable	Yes
Lowest bending radius	30,0 mm
Self-adhesive	Yes

Certificates & Standards

Standards	CE
Protection class	III
Type of protection	IP20
Energy class of contained light source	G

LOGISTICAL DATA

Temperature range at storage	-20…+80 °C

EQUIPMENT / ACCESSORIES

- 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.

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DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	SMART+ FLEX 2P MULTICOLOR EXTENSION
PDF	Legal information	Legal insert residential luminaire
PDF	Declarations of conformity	SMART FLEX
PDF	Declarations of conformity UKCA	SMART FLEX EXT
PDF	EU Data Act	SMART ZigBee Lamps and Luminaires

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854024498	Folding box 1	61 mm x 190 mm x 154 mm	255.00 g	1.78 dm^3
4099854024504	Shipping box 4	327 mm x 202 mm x 138 mm	1019.00 g	9.12 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.

References / Links

– Further information and frequently asked questions (FAQs) at www.ledvance.com/en-int/home-lighting/services/faq

DISCLAIMER

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

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