

PRODUCT DATASHEET

Smart+ ZB Flex RGBW 2P Extension

SMART+ ZB Flex Strips 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
- Controllable via SMART+ App (with minimum Android 8.0 or iOS 14.0)

TECHNICAL DATA

Electrical data

Nominal wattage	6.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
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)	Red / Green / Blue / Warm White
Color rendering index Ra	≥80
Photobiological safety group acc. to EN62778	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 2P RGBW EXT

Materials & Colors

Product color	White
Housing color	White
Body material	Plastic
Cover material	Polycarbonate (PC)

Application & Mounting

Type of protection	IP20
Dimmable	Yes

Type of dimming	ZIGBEE
Mounting type	Surface
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
-----------	----

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)
- For control via SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)

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 ZB Flex 2P Extension
	Legal information	Safety insert G11235684
	Declarations of conformity	SMART FLEX
	Declarations of conformity UKCA	SMART FLEX EXT
	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
--------------	------------------------------	--------------------------------------	--------------	--------

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854483073	Folding box 1	67 mm x 167 mm x 168 mm	123.00 g	1.88 dm ³
4099854483080	Shipping box 4	350 mm x 185 mm x 155 mm	744.00 g	10.04 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.