

PRODUCT DATASHEET

SMART+ ZB FLEX RGBW EXT

SMART+ Flex RGBW | 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

TECHNICAL DATA

Electrical data

Nominal wattage	6.00 W
Nominal voltage	220...240 V
Nominal current	430 mA
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Operating mode	External LED driver

Photometrical data

Light color (designation)	RGBW
Standard deviation of color matching	≤6 sdc _m
Nominal luminous flux	500 lm
Luminous flux	500 lm
Luminous efficacy	83 lm/W
Adjustable color temperature	2000...6500 K
Color temperature	2000...6500 K
Color rendering index Ra	80

Light technical data

Beam angle	120 °
Light control	Adjustable color temperature / RGB color control

Dimensions & Weight

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

Lifespan

Number of switching cycles	1000000
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Colors & materials

Product color	Transparent
Housing color	White
Body material	Plastic

Cover material	Polycarbonate (PC)
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Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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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.
Mounting location	All surfaces

Capabilities

Dimmable	No
Compatible smart home technology	Philips Hue / Amazon Alexa / Google Assistant
LED module replaceable	Not replaceable




Certificates & Standards

Standards	CE
Protection class	II
Type of protection	IP20

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)

DOWNLOAD DATA

DOWNLOAD DATA	
	User instruction SMART FLEX 2P MULTICOLOR EXTENSION
	Tender documents Tender Text 4058075208612
	Declarations of conformity EC declaration SMART_Indoor Flex and Flex Ext ZB 3.0 EU

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075208612	Folding box 1	61 mm x 190 mm x 154 mm	200.00 g	1.78 dm ³
4058075212770	Shipping box 4	327 mm x 202 mm x 138 mm	950.00 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.

DISCLAIMER

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