

PRODUCT DATASHEET

Smart+ ZB Flex RGBW 3P

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

TECHNICAL DATA

Electrical data

Nominal wattage	11.00 W
Nominal voltage	220...240 V
Nominal current	65.000 mA
Mains frequency	50...60 Hz
Power factor λ	> 0.50
Operating mode	External LED driver

Photometrical data

Light color (designation)	Red / Green / Blue / Warm White
Nominal luminous flux	700 lm
Luminous flux	700 lm
Total luminous flux of contained light sources	690 lm
Luminous efficacy	64 lm/W
Color temperature	2000 ... 6500 K
Color rendering index Ra	≥80

Light technical data

Beam angle	120 °
Starting time	< 0.5 s

Dimensions & Weight



Product weight	300.00 g
Length	1800.00 mm
Width	12.00 mm
Height	3.00 mm

Lifespan

Number of switching cycles	15000
Lifespan	20000 h

Colors & materials

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

Capabilities

Dimmable	Yes
Type of connection	Plug type C (EU)
Replaceable light source (EPREL)	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)
- 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	SMAR ZB Flex 3P
	Declarations of conformity	SMART FLEX
	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
4099854593062	Folding box 1	67 mm x 167 mm x 168 mm	358.00 g	1.88 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854593079	Shipping box 4	350 mm x 185 mm x 155 mm	1684.00 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.