PRODUCT DATASHEET
SMART+ ZB FLEX 3P 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



© 2026, LEDVANCE GmbH. All rights reserved.

TECHNICAL DATA

Electrical data

Nominal wattage	11.00 W
Nominal voltage	220…240 V
Type of current	AC
Nominal current	65.000 mA
Inrush current	37 A
Mains frequency	50…60 Hz
Maximum total harmonic distortion	< 70 %
Power factor λ	> 0.5
Operating frequency	50…60 Hz
Flickering metric (Pst LM)	< 1

Photometrical data

Luminous efficacy	64 lm/W
Luminous flux	700 lm
Flickering metric (Pst LM)	< 1
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
Stroboscope effect metric (SVM)	< 0.4

Light technical data

Beam angle	120 °
Starting time	< 0.5 s

Dimensions & Weight



Length	1800.00 mm
Width	12.00 mm

© 2026, LEDVANCE GmbH. All rights reserved.

Height	3.00 mm
Product weight	300.00 g

Colors & materials

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

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

Capabilities

Dimmable	Yes
Lowest bending radius	30,0 mm
Self-adhesive	No

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)

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.

© 2026, LEDVANCE GmbH. All rights reserved.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	SMART+ ZB FLEX 3P RGBW
PDF	Legal information	Legal insert residential luminaires
PDF	Declarations of conformity	SMART FLEX
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
4058075729384	Folding box 1	61 mm x 190 mm x 154 mm	425.00 g	1.78 dm^3
4058075729391	Shipping box 4	327 mm x 202 mm x 138 mm	1850.00 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.

© 2026, LEDVANCE GmbH. All rights reserved.