

PRODUCT DATASHEET

SMART+ ZB FLEX 3P RGBW

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

- Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)
- 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	11.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	65.000 mA
Inrush current	37 A
Inrush current time T_{h50}	95 μ s
Power factor λ	> 0.5
Total harmonic distortion	< 70 %
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	700 lm
Total luminous flux of contained light sources	690 lm
Luminous efficacy	64 lm/W
Color temperature	2000 ... 6500 K
Light color (designation)	RGBW
Color rendering index Ra	\geq 80
Standard deviation of color matching	< 6 sdc _m
Flickering metric (Pst LM)	< 1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	120 °

Dimensions & Weight

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



SMART+ ZB FLEX 3P RGBW

Materials & Colors

Product color	Transparent
Housing color	White
Body material	Plastic
Cover material	Polycarbonate (PC)
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Type of connection	Plug type C (EU)
Type of protection	IP20
Dimmable	Yes
Mounting type	Surface
Mounting location	All surfaces
Application environment	Indoor

Lifespan

Lifespan L70/B50 at 25 °C	30000 h
Number of switching cycles	15000

Certificates & Standards

Standards	CE
Replaceable light source (EPREL)	Not replaceable

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.
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EQUIPMENT / ACCESSORIES




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

DOWNLOAD DATA

Documents and certificates	Document name
 User instruction / safety instructions	SMART+ ZB FLEX 3P RGBW
 Legal information	Legal insert residential luminaires
 Declarations of conformity	SMART FLEX

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/consumer/smart/faq

DISCLAIMER

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