# PRODUCT DATASHEET
# Smart+ ZB Flex RGBW 2P Extension

## SMART+ ZB FLEX Multicolour | Flexible LED strips for indoor use with Zigbee technology

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### Areas of application

– General illumination

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### Product benefits

– Splittable in three parts and extendable with SMART+ FLEX 2P EXTENSION
– Easy to install and use

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### 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)

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## TECHNICAL DATA

### Electrical data

| | |
|---|---|
| Nominal wattage | 6.00 W |
| Nominal voltage | 220…240 V |
| Nominal current | 430.000 mA |
| Mains frequency | 50…60 Hz |
| Operating mode | External LED driver |

### Photometrical data

| | |
|---|---|
| Light color (designation) | Red / Green / Blue / Warm White |
| Nominal luminous flux | 500 lm |
| Luminous flux | 500 lm |
| Total luminous flux of contained light sources | 460 lm |
| Luminous efficacy | 83 lm/W |
| Color temperature | 2000 … 6500 K |
| Color rendering index Ra | ≥80 |

### Light technical data

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|---|---|
| Beam angle | 120 ° |
| Starting time | < 0.5 s |

### Dimensions & Weight

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

### Lifespan

| | |
|---|---|
| Number of switching cycles | 15000 |
| Lifespan | 30000 h |

### Colors & materials

| | |
|---|---|
| Product color | White |
| Housing color | White |
| Body material | Plastic |

| Cover material | Polycarbonate (PC) |
|---|---|

## Capabilities

| Dimmable | Yes |
|---|---|
| Compatible smart home technology | Amazon Alexa / Google Home |

## Certificates & Standards

| Standards | CE |
|---|---|
| Protection class | III |
| 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 |
|---|---|---|
| PDF | User instruction / safety instructions | Smart ZB Flex 2P Extension |
| PDF | Legal information | Safety insert G11235684 |
| PDF | Declarations of conformity | SMART FLEX |
| PDF | Declarations of conformity UKCA | SMART FLEX EXT |
| 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 |
|---|---|---|---|---|
| 4099854483073 | Folding box 1 | 67 mm x 167 mm x 168 mm | 123.00 g | 1.88 dm³ |

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4099854483080 | Shipping box<br>4 | 350 mm x 185 mm x 155 mm | 744.00 g | 10.04 dm³ |

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.