# 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

– 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 |
| Type of current | AC |
| Nominal current | 65.000 mA |
| Inrush current | 37 A |
| Mains frequency | 50…60 Hz |
| 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 |
| 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 |

| | |
|---|---|
| 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)
- 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 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.