

PRODUCT DATASHEET

SMART+ ZB FLEX RGBW EXT

SMART+ Flex RGBW | Flexible LED modules with ZigBee technology, light color and color temperature adjustable

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



TECHNICAL DATA

Electrical data

| | |
|---------------------|---------------------|
| Nominal wattage | 6.00 W |
| Nominal voltage | 220...240 V |
| Nominal current | 430 mA |
| Operating frequency | 50...60 Hz |
| Mains frequency | 50...60 Hz |
| Operating mode | External LED driver |

Photometrical data

| | |
|--------------------------------------|---------------------|
| Light color | RGBW |
| Standard deviation of color matching | ≤6 sdc _m |
| Nominal luminous flux | 500 lm |
| Luminous flux | 500 lm |
| Luminous efficacy | 83 lm/W |
| Adjustable color temperature | 2000...6500 K |
| Color temperature | 2000...6500 K |
| Color rendering index Ra | 80 |

Light technical data

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|---------------|--|
| Beam angle | 120 ° |
| Light control | Adjustable color temperature / RGB color control |

Dimensions & weight

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

Lifespan

| | |
|----------------------------|---------|
| Number of switching cycles | 1000000 |
|----------------------------|---------|

Colors & materials

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



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

Temperatures & operating conditions

| | |
|---------------------------|--------------|
| Ambient temperature range | -20...+40 °C |
|---------------------------|--------------|

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 | No |
| Compatible smart home technology | Philips Hue / Amazon Alexa / Google Assistant |
| LEDmod replaceable | Not replaceable |

Certificates & standards

| | |
|-------------------------|------|
| Energy efficiency class | A |
| 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)

DOWNLOAD DATA

| DOWNLOAD DATA | |
|---|---|
|  | User instruction SMART FLEX 2P MULTICOLOR EXTENSION |
|  | Tender documents Tender Text 4058075208612 |
|  | Declarations of conformity EC declaration SMART_Indoor Flex and Flex Ext ZB 3.0 EU |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075208612 | Folding box 1 | 61 mm x 190 mm x 154 mm | 200.00 g | 1.78 dm ³ |
| 4058075212770 | Shipping box 4 | 327 mm x 202 mm x 138 mm | 950.00 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.

DISCLAIMER

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