

# PRODUCT DATASHEET

## SMART+ ZB OUTDOOR FLEX RGBW

SMART+ Outdoor Flex Multicolor | Flexible LED strips for outdoor use with Zigbee technology

---

### Areas of application

- General illumination
- Gardens
- Patios, balconies



---

### Product benefits

- Easy to install and use

---

### Product features

- Flexible 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
- Mounting via clips (supplied)
- Protection class (strip): IP65
- Protection class (power supply): IP44
- 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

---

## TECHNICAL DATA

### Electrical data

Nominal wattage	11.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	70.000 mA
Inrush current	70 A
Inrush current time T <sub>h50</sub>	6 µs
Power factor $\lambda$	> 0.5
Total harmonic distortion	< 70 %
Protection class	II
Operating mode	External LED driver

### Photometrical data

Luminous flux	950 lm
Total luminous flux of contained light sources	1600 lm
Luminous efficacy	63 lm/W
Color temperature	2000 ... 6500 K
Light color (designation)	RGBW
Color rendering index Ra	≥80
Standard deviation of color matching	< 6 sdc <sub>m</sub>
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	5000.00 mm
Width	12.00 mm
Height	4.50 mm
Product weight	560.00 g



SMART+ ZB OUTDOOR FLEX  
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	IP65
Dimmable	Yes
Mounting type	Surface
Mounting location	All surfaces
Application environment	Outdoor

### 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.
----------------	--



### Safety advice

- 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.
- Battery Warning: Keep out of reach for children. Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.
- If the battery compartment (if applicable) does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Please avoid: Maximal ambient temperature: +35 °C. Replacement of a battery with an incorrect type that can defeat safeguard (for example, in the case of some lithium battery types). Altitude during operation: 2000 m. Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

## DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	SMART+ ZB OUTDOOR FLEX RGBW
	Declarations of conformity	SMART FLEX

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075729360	Folding box 1	62 mm x 256 mm x 232 mm	720.00 g	3.68 dm <sup>3</sup>
4058075729377	Shipping box 4	480 mm x 270 mm x 154 mm	3072.00 g	19.96 dm <sup>3</sup>

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.