

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_{h50}	6 μ s
Power factor λ	> 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 _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	5000.00 mm
Width	12.00 mm
Height	4.50 mm
Product weight	560.00 g



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
LED module replaceable	Not replaceable

Lifespan

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

Certificates & Standards

Standards	CE
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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

- Power supply included
- Control via app requires LIGHTIFY system (app and gateway) or other compatible Smart home system

DOWNLOAD DATA

Documents and certificates	
	User instruction
	Declarations Of Conformity CE

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 dm³
4058075729377	Shipping box 4	480 mm x 270 mm x 154 mm	3072.00 g	19.96 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.

DISCLAIMER

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