PRODUCT DATASHEET
SMART+ ZB FLEX RGB + W

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
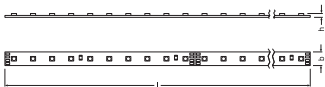
TECHNICAL DATA

Electrical data

Nominal wattage	24.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	600.000 mA
Power factor λ	> 0.50
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	1500 lm
Luminous efficacy	63 lm/W
Color temperature	2000…6500 K
Light color (designation)	RGBW
Color rendering index Ra	> 80
Beam angle	120 °

Dimensions & Weight

Length	4880.00 mm
Width	14.50 mm
Height	4.00 mm
Product weight	550.00 g

SMART+ Flex

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	No
Mounting type	Surface
Mounting location	All surfaces
Application environment	Outdoor
With light source	Yes

Lifespan

Lifespan L70/B50 at 25 °C	20000 h
Number of switching cycles	1000000

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
PDF	User instruction / safety instructions	SMART OUTDOOR FLEX RGBW
PDF	Legal information	Web UI Insert SMART OUTDOOR FLEX
PDF	Legal information	Legal insert SMART OUTDOOR
PDF	Declarations of conformity	EC declaration SMART_Outdoor Flex ZB 3.0 EU
PDF	Declarations of conformity	SMART ZLL OUTDOOR FLEX LEDVANCE

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075208360	Folding box 1	56 mm x 224 mm x 224 mm	710.00 g	2.81 dm³
4058075212831	Shipping box 4	243 mm x 243 mm x 260 mm	2976.00 g	15.35 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.