

PRODUCT DATASHEET

SMART+ BT FLEX 3M RGB + TW

SMART+ FLEX MULTICOLOR | Flexible LED strips for indoor use with Bluetooth technology



Areas of application

- General illumination
- Residential interiors

Product benefits

- Easy and quick installation
- Uses multi color and cold or warm white light for most flexible lighting scenes

Product features

- Flexible, self-adhesive RGBW strip with wireless smart lighting function
- Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)
- RGB color control, approx. 16 million color options adjustable
- Dimmable
- Network protocol: Bluetooth



TECHNICAL DATA

Electrical data

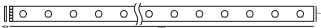
Nominal wattage	12.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	100.000 mA
Power factor λ	> 0.50
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	900 lm
Total luminous flux of contained light sources	960 lm
Luminous efficacy	75 lm/W
Color temperature	2000 ... 6500 K
Light color (designation)	RGBTW
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdc _m
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	110 °

Dimensions & Weight

Length	3000.00 mm
Width	10.00 mm
Height	2.60 mm
Product weight	220.00 g



SMART BT FLEX 3M
RGBTW

Materials & Colors

Product color	Transparent
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Body material	Silicone
Cover material	Polycarbonate (PC)
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+80 °C
Type of connection	Plug type C (EU)
Type of protection	IP20
Dimmable	Yes
Type of dimming	Bluetooth
Mounting type	Surface
Mounting location	All surfaces
Application environment	Indoor
With light source	Yes

Lifespan

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

Certificates & Standards

Standards	CE / EAC
Replaceable light source (EPREL)	Not replaceable





EQUIPMENT / ACCESSORIES

- For control via LEDVANCE SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)
- Power supply included

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- 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
	User instruction / safety instructions	SMART+ BT FLEX RGBTW
	Legal information	Legal insert residential luminaires
	Declarations of conformity	SMART BT FLEX 3M RGBTW
	EU Data Act	SMART Bluetooth Mesh Lighting Products

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075504820	Folding box 1	62 mm x 192 mm x 172 mm	362.00 g	2.05 dm ³
4058075504837	Shipping box 4	364 mm x 207 mm x 154 mm	1698.00 g	11.60 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/consumer/smart/faq

DISCLAIMER

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