LEDVANCE

PRODUCT DATASHEET
SMART+ BT FLEX 5M RGB + TW

Smart+ Flex Outdoor Multicolor | Flexible LED strips for outdoor use with Bluetooth technology

Areas of application

– General illumination
– Gardens
– Patios, balconies

Product benefits

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

Product features

– Flexible RGBW strip with wireless smart lighting function
– Controllable via LEDVANCE SMART+ App (with minimum Android 6.0 or iOS 11.0)
– RGB color control, approx. 16 million color options adjustable
– Dimmable
– Network protocol: Bluetooth
– Type of protection: IP44
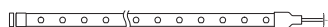
TECHNICAL DATA

Electrical data

Nominal wattage	16.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	120.000 mA
Inrush current	10 A
Power factor λ	> 0.50
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	1100 lm
Total luminous flux of contained light sources	1600 lm
Luminous efficacy	69 lm/W
Color temperature	2000 ... 6500 K
Light color (designation)	RGBTW
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdcm
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	110 °

Dimensions & Weight

Length	5000.00 mm
Width	12.00 mm
Height	4.50 mm
Product weight	560.00 g

Materials & Colors

Product color	Transparent

Body material	Silicone
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	IP44
Dimmable	Yes
Type of dimming	Bluetooth
Mounting type	Surface
Mounting location	All surfaces
Application environment	Outdoor
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

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

Certificates & Standards

Standards	CE / EAC

EQUIPMENT / ACCESSORIES

– For control via LEDVANCE SMART + App Android smartphone (with Android 6.0 and later) required
– Power supply included

DOWNLOAD DATA

	Documents and certificates
PDF	User instruction
PDF	Declarations Of Conformity CE

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075504882	Folding box 1	62 mm x 254 mm x 230 mm	777.00 g	3.62 dm³
4058075504899	Shipping box 4	480 mm x 270 mm x 154 mm	3493.00 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.