

PRODUCT FAMILY DATASHEET

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 6.0 or iOS 11.0)
- RGB color control, approx. 16 million color options adjustable
- Dimmable
- Network protocol: Bluetooth



TECHNICAL DATA

Electrical data

Product description	Nominal wattage	Nominal voltage	Nominal current	Mains frequency	Power factor λ
SMART+ BT FLEX 3M	12.00 W	220...240 V	100 mA	50...60 Hz	> 0.50
SMART+ BT FLEX 5M	16.00 W	220...240 V	120 mA	50...60 Hz	> 0.50

Product description	Operating mode
SMART+ BT FLEX 3M	External LED driver
SMART+ BT FLEX 5M	External LED driver

Photometrical data

Product description	Light color (designation)	Standard deviation of color matching	Nominal luminous flux	Luminous flux	Luminous efficacy
SMART+ BT FLEX 3M	RGBTW	≤ 6 sdc _m	900 lm	900 lm	75 lm/W
SMART+ BT FLEX 5M	RGBTW	≤ 6 sdc _m	1100 lm	1100 lm	75 lm/W

Product description	Color temperature	Color rendering index Ra
SMART+ BT FLEX 3M	2000 ... 6500 K	> 80
SMART+ BT FLEX 5M	2000 ... 6500 K	> 80

Light technical data

Product description	Beam angle
SMART+ BT FLEX 3M	110 °
SMART+ BT FLEX 5M	110 °

Dimensions & Weight

Product description	Product weight	Length	Width	Width (incl. round luminaires)
SMART+ BT FLEX 3M	220.00 g	3000.00 mm	10.00 mm	10.00 mm
SMART+ BT FLEX 5M	700.00 g	5000.00 mm	10.00 mm	10.00 mm

Product description	Height	Height (incl. round luminaires)
SMART+ BT FLEX 3M	2.60 mm	2.60 mm
SMART+ BT FLEX 5M	2.60 mm	2.60 mm

Lifespan

Product description	Number of switching cycles
SMART+ BT FLEX 3M	15000

Product description	Number of switching cycles
SMART+ BT FLEX 5M	15000

Colors & materials

Product description	Product color	Body material	Cover material
SMART+ BT FLEX 3M	Transparent	Silicone	Polycarbonate (PC)
SMART+ BT FLEX 5M	Transparent	Silicone	Polycarbonate (PC)

Temperatures & operating conditions

Product description	Ambient temperature range
SMART+ BT FLEX 3M	-20...+40 °C
SMART+ BT FLEX 5M	-20...+40 °C

Additional product data

Product description	Mounting location
SMART+ BT FLEX 3M	All surfaces
SMART+ BT FLEX 5M	All surfaces

Capabilities

Product description	Dimmable	Type of connection	Compatible smart home technology	LED module replaceable
SMART+ BT FLEX 3M	Yes	Plug type C (EU)	Google Assistant / Amazon Alexa	Not replaceable
SMART+ BT FLEX 5M	Yes	Plug type C (EU)	Google Assistant / Amazon Alexa	Not replaceable

Certificates & Standards

Product description	Standards	Protection class	Type of protection
SMART+ BT FLEX 3M	CE / EAC / REACH / RoHS	II	IP20
SMART+ BT FLEX 5M	CE / EAC / REACH / RoHS	II	IP20

Energy labelling regulation data acc EU 2019/2015

Product description	Correlated colour temperature type
SMART+ BT FLEX 3M	RANGE
SMART+ BT FLEX 5M	RANGE

EQUIPMENT / ACCESSORIES

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

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.






SALES AND TECHNICAL SUPPORT

Sales and Technical Support www.ledvance.com

COUNTRY SPECIFIC INFORMATION

Product description	Product code	METEL-Code	SEG number	STK number	UK Org
SMART+ BT FLEX 3M	4058075504820	-	-	-	-
SMART+ BT FLEX 5M	4058075504844	-	-	-	-

DOWNLOAD DATA

DOWNLOAD DATA	
	User instruction SMART+ BT FLEX RGBTW
	Declarations of conformity SMART BT FLEX 3M RGBTW
	User instruction SMART+ BT FLEX RGBTW
	User instruction SMART+ BT FLEX RGBTW
	Declarations of conformity SMART BT FLEX 5M RGBTW

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
4058075504844	Folding box 1	62 mm x 230 mm x 205 mm	897.00 g	2.92 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.

DISCLAIMER

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