PRODUCT DATASHEET
Flex 5M RGB + RC

FLEX RGB WITH REMOTE CONTROL | Decorative colorful LED Strips for indoor use with remote control

Areas of application

– Living areas
– Indirect lighting

Product benefits

– Easy and quick installation

Product features

– RGB color control
– Flexible, bendable LED strips

TECHNICAL DATA

Electrical data

Nominal wattage	14.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	82.000 mA
Inrush current	22 mA
Power factor λ	> 0.5
Total harmonic distortion	< 100 %
Protection class	II

Photometrical data

Luminous flux	1300 lm
Total luminous flux of contained light sources	1300 lm
Luminous efficacy	92 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	≥80
Standard deviation of color matching	< 6 sdcm
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	≤0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	120 °

Dimensions & Weight

Length	5000.00 mm
Width	10.00 mm
Height	2.00 mm
Product weight	140.00 g

FLEX 5M RGB 830 RC

Materials & Colors

Product color	White
Housing color	White
Body material	Plaster
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
Mounting type	Surface
Application environment	Indoor
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	25000 h [1]
Number of switching cycles	10000

[1] t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

BATTERY

Battery size [GMS]	CR2025

Certificates & Standards

Standards	CE
Replaceable light source (EPREL)	Not replaceable

EQUIPMENT / ACCESSORIES

– Complete mounting and connecting accessories included
– Remote control and battery included

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	UI FLEX RGB and WHITE
PDF	Legal information	Legal Insert FLEX
PDF	Declarations of conformity	CE Declaration Flex COB and Audio

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854095443	Folding box 1	52 mm x 157 mm x 128 mm	184.00 g	1.04 dm³
4099854095450	Shipping box 8	340 mm x 230 mm x 160 mm	1800.00 g	12.51 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.