

# PRODUCT DATASHEET

## FLEX OUTDOOR SOLAR 3M Magic RGB

### Remote Control IP44

OUTDOOR SOLAR STRIPS | Decorative colorful LED Strips for outdoor use with solar panel



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#### Areas of application

- Gardens, balconies and other outdoor areas

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#### Product benefits

- Easy and quick installation

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#### Product features

- RGB color control
- Flexible, bendable LED strips
- Type of protection: IP44
- Battery charging via solar panel

TECHNICAL DATA

Electrical data

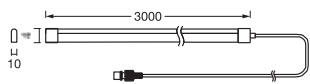
Nominal wattage	1.20 W
Nominal voltage	5 V
Nominal current	286.000 mA
Power factor $\lambda$	1.00
Protection class	III

Photometrical data

Light color (designation)	Red / Green / Blue
Photobiological safety group acc. to EN62778	RG1
Beam angle	120 °

Dimensions & Weight

Length	3000.00 mm
Width	10.00 mm
Height	4.00 mm
Product weight	320.00 g



FLEX OUTDOOR SOLAR 3M  
MGCRGBRC IP44

Materials & Colors

Product color	White
Housing color	White
Body material	Silicone
Cover material	Silicone
Mercury content	0.0 mg

Application & Mounting

Temperature range at storage	-20...+80 °C
Type of connection	Plug type C (EU)
Type of protection	IP44
Dimmable	Yes

Mounting type	Surface
Application environment	Outdoor
Replaceable light source	No

### Lifespan

Lifespan L70/B50 at 25 °C	30000 h <sup>1)</sup>
Number of switching cycles	10000

<sup>1)</sup> 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]	18650
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### Certificates & Standards

Standards	CE
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### Safety advice

- 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.
- 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.
- 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
 User instruction / safety instructions	FLEX OUTDOOR SOLAR
 Declarations of conformity	CE declaration FLEX OUTDOOR

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854370069	Folding box 1	75 mm x 147 mm x 173 mm	442.00 g	1.91 dm <sup>3</sup>
4099854370076	Shipping box 4	308 mm x 189 mm x 177 mm	1940.00 g	10.30 dm <sup>3</sup>

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.

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## DISCLAIMER

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