

# PRODUCT DATASHEET

## FLEX OUTDOOR SOLAR 5M Magic RGB

### Remote Control IP44

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



---

#### Areas of application

- Gardens, balconies and other outdoor areas

---

#### Product benefits

- Easy and quick installation

---

#### Product features

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

TECHNICAL DATA

Electrical data

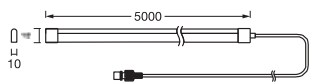
|                        |            |
|------------------------|------------|
| Nominal wattage        | 1.60 W     |
| Nominal voltage        | 5 V        |
| Nominal current        | 381.000 mA |
| Power factor $\lambda$ | 1.00       |
| Protection class       | III        |

Photometrical data

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

Dimensions & Weight

|                |            |
|----------------|------------|
| Length         | 5000.00 mm |
| Width          | 10.00 mm   |
| Height         | 4.00 mm    |
| Product weight | 360.00 g   |



FLEX OUTDOOR SOLAR 5M  
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 |
| 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 |
|--------------------|-------|



### Certificates & Standards

|                                  |                 |
|----------------------------------|-----------------|
| Standards                        | CE              |
| Replaceable light source (EPREL) | Not replaceable |

### 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                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854370083 | Folding box<br>1             | 75 mm x 177 mm x 178 mm              | 495.00 g     | 2.36 dm <sup>3</sup>  |
| 4099854370090 | Shipping box<br>4            | 368 mm x 194 mm x 177 mm             | 2158.00 g    | 12.64 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.

---

## DISCLAIMER

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