

PRODUCT DATASHEET

SMART+ BT Solar Spot Light RGB + TW

Smart+ Solar Spot Multicolor | Outdoor Smart Solar Spot & Bollard



Areas of application

- Outdoor use (IP44)
- Gardens
- Patios, balconies

Product benefits

- Easy and quick installation
- Colorful garden lighting with smart and intelligent control options
- Demand based lighting and energy saving thanks to daylight sensor
- High-quality materials
- Flexible mounting, also without use of ground spikes

Product features

- Solar powered outdoor LED luminaire
- RGB color control, approx. 16 million color options adjustable
- Dimmable
- Battery charging via solar panel
- Network protocol: Bluetooth
- Type of protection: IP44
- Controllable via SMART+ App (with minimum Android 8.0 or iOS 14.0)



TECHNICAL DATA

Electrical data

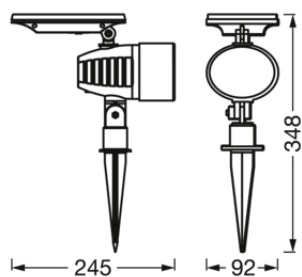
| | |
|------------------------|------------|
| Nominal wattage | 0.60 W |
| Nominal voltage | 3,7 V |
| Nominal current | 160.000 mA |
| Power factor λ | > 0.5 |
| Protection class | III |

Photometrical data

| | |
|--|---------------------|
| Luminous flux | 45 lm |
| Total luminous flux of contained light sources | 60 lm |
| Luminous efficacy | 75 lm/W |
| Color temperature | 3000...6500 K |
| Light color (designation) | Tunable White / RGB |
| Color rendering index Ra | > 80 |
| Standard deviation of color matching | 6 sdcn |
| Flickering metric (Pst LM) | - |
| Stroboscope effect metric (SVM) | - |
| Photobiological safety group acc. to EN62778 | RG0 |
| Beam angle | 58.00 ° |

Dimensions & Weight

| | |
|----------------|-----------|
| Length | 92.00 mm |
| Width | 245.00 mm |
| Height | 348.00 mm |
| Product weight | 438.00 g |



SMART OUTD BT SOLAR SPOT
RGBTW

Materials & Colors

| | |
|--|---------------------------------------|
| Product color | Black |
| Housing color | Black |
| Body material | Acrylonitrile butadiene styrene (ABS) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C |
| Mercury content | 0.0 mg |

Application & Mounting

| | |
|---------------------------|--------------|
| Ambient temperature range | -20...+40 °C |
| Type of protection | IP44 |
| Dimmable | Yes |
| Type of dimming | Bluetooth |
| Mounting type | Ground spike |
| Application environment | Outdoor |
| Adjustable | Yes |
| With light source | Yes |

Lifespan

| | |
|----------------------------|---------|
| Lifespan L70/B50 at 25 °C | 15000 h |
| Number of switching cycles | 1000 |

BATTERY

| | |
|------------------------------|-------------|
| Type of Battery | Lithium ion |
| Battery size [GMS] | 18650 |
| Number of included batteries | 1 |

| | |
|-----------------------------|----------|
| Nominal voltage of battery | 3.7 V |
| Nominal capacity of battery | 1500 mAh |
| Battery charging time | 8 h |

Certificates & Standards

| | |
|--|-----------------|
| Standards | CE / UKCA |
| Luminaire with limited surface temperature, "D sign" | No |
| Ball shot safe | No |
| Replaceable light source (EPREL) | Not replaceable |

Additional product data

| | |
|----------------|--|
| Product remark | Reset settings to default by switching the product on for three seconds and off for three seconds and repeating this five times. |
|----------------|--|





EQUIPMENT / ACCESSORIES

- For control via SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)

Safety advice

- 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 | SMART+ SOLAR SPOT LIGHT |
|  | Legal information | Legal insert SMART OUTD ENDURA SOLAR WORKLIGHT BAT |
|  | Declarations of conformity | SMART OUTD BT SOLAR RGBTW |
|  | Declarations of conformity UKCA | SMART OUTD BT SOLAR |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075763883 | Folding box 1 | 102 mm x 187 mm x 204 mm | 564.00 g | 3.89 dm ³ |
| 4058075763890 | Shipping box 4 | 390 mm x 215 mm x 230 mm | 2685.00 g | 19.29 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.

References / Links

– Further information and frequently asked questions (FAQs) at www.ledvance.com/consumer/smart/faq

DISCLAIMER

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