

## PRODUCT DATASHEET

### SMART+ BT Solar Path Light RGB + TW

SMART+ BT Solar Path Multicolor | Outdoor Smart Solar Path



#### 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        | 0.12 W  |
| Nominal voltage        | 3,2 V   |
| Nominal current        | 0.04 mA |
| Power factor $\lambda$ | > 0.5   |
| Protection class       | III     |

Photometrical data

|                                                |                     |
|------------------------------------------------|---------------------|
| Luminous flux                                  | 5 lm                |
| Total luminous flux of contained light sources | 15 lm               |
| Luminous efficacy                              | 41 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              |
| Beam angle                                     | 175.00 °            |

Dimensions & Weight

|                |           |
|----------------|-----------|
| Diameter       | 150.00 mm |
| Height         | 562.00 mm |
| Product weight | 663.00 g  |



SMART OUTD BT SOLAR PATH  
RGBTW

Materials & Colors

|                                            |                |
|--------------------------------------------|----------------|
| Product color                              | Black          |
| Housing color                              | Black          |
| Body material                              | Glass Aluminum |
| 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      |
| 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]         | Others      |
| Nominal voltage of battery | 3.2 V       |
| Battery charging time      | 8 h         |

### Certificates & Standards

|                                  |                 |
|----------------------------------|-----------------|
| Standards                        | CE / UKCA       |
| 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 PATH LIGHT                 |
|  | Legal information                      | Safety insert G11222364                |
|  | Declarations of conformity             | SMART OUTD BT SOLAR RGBTW              |
|  | Declarations of conformity UKCA        | SMART OUTD BT SOLAR                    |
|  | EU Data Act                            | SMART Bluetooth Mesh Lighting Products |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854474453 | Folding box<br>1             | 162 mm x 162 mm x 284 mm             | 955.00 g     | 7.45 dm <sup>3</sup>  |
| 4099854474460 | Shipping box<br>4            | 337 mm x 337 mm x 310 mm             | 3820.00 g    | 35.21 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.

## References / Links

– Further information and frequently asked questions (FAQs) at [www.ledvance.com/en-int/home-lighting/services/faq](http://www.ledvance.com/en-int/home-lighting/services/faq)

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