

# PRODUCT DATASHEET

## SMART+ BOLLARD Spot Panel Solar RGB + W

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



### Areas of application

- Outdoor use (IP44)
- Garages
- Gardens

### Product benefits

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

### Product features

- Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)
- 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
- Adjustable heads

TECHNICAL DATA

Electrical data

|                        |            |
|------------------------|------------|
| Nominal wattage        | 2x1 W      |
| Nominal voltage        | 3,7 V      |
| Nominal current        | 476.000 mA |
| Power factor $\lambda$ | > 0.5      |
| Protection class       | III        |

Photometrical data

|                                                |                            |
|------------------------------------------------|----------------------------|
| Luminous flux                                  | 90 lm                      |
| Total luminous flux of contained light sources | 200 lm                     |
| Luminous efficacy                              | 45 lm/W                    |
| Color temperature                              | 3000 K                     |
| Light color (designation)                      | Warm White / RGB           |
| Color rendering index Ra                       | > 80                       |
| Standard deviation of color matching           | $\leq 6$ sdc <sub>cm</sub> |
| Flickering metric (Pst LM)                     | -                          |
| Stroboscope effect metric (SVM)                | -                          |

Dimensions & Weight

|                |           |
|----------------|-----------|
| Diameter       | 48.00 mm  |
| Height         | 455.00 mm |
| Product weight | 1025.00 g |



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             |
| LED module replaceable    | Not replaceable |
| With light source         | Yes             |

## Lifespan

|                            |         |
|----------------------------|---------|
| Lifespan L70/B50 at 25 °C  | 25000 h |
| Number of switching cycles | 12500   |

## 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  | 2200 mAh    |
| Battery charging time        | 8 h         |

## Certificates & Standards

|                |           |
|----------------|-----------|
| Standards      | CE / UKCA |
| Ball shot safe | No        |

## 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 LEDVANCE SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)

## DOWNLOAD DATA

## Documents and certificates



User instruction



Packaging insert



Declarations Of Conformity CE



Declarations Of Conformity UKCA

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075763708 | Folding box<br>1             | 167 mm x 317 mm x 102 mm             | 1241.00 g    | 5.40 dm <sup>3</sup>  |
| 4058075763715 | Shipping box<br>4            | 350 mm x 335 mm x 232 mm             | 5558.00 g    | 27.20 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/consumer/smart/faq](http://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.