

# 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
- High-quality materials
- Flexible mounting, also without use of ground spikes
- Demand based lighting and energy saving thanks to daylight sensor

### 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>m</sub>
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-

Dimensions & Weight

Diameter	48.00 mm
Height	455.00 mm
Product weight	1025.00 g



SMART OUTD BT SOL 3BOLLARD  
SPOT PANEL

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	25000 h
Number of switching cycles	12500

### Sensor

Type of sensor	Light
----------------	-------

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

### Safety advice

- 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.
- 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+ BOLLARD SPOT PANEL SOLAR
	Legal information	Legal insert SMART OUTD ENDURA SOLAR WORKLIGHT BAT
	Declarations of conformity	SMART OUTD BT
	Declarations of conformity UKCA	SMART OUTD AND WIFI DECOR
	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
4058075763708	Folding box 1	167 mm x 317 mm x 102 mm	1241.00 g	5.40 dm <sup>3</sup>
4058075763715	Shipping box 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/en-int/home-lighting/services/faq](http://www.ledvance.com/en-int/home-lighting/services/faq)

### DISCLAIMER

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