

PRODUCT DATASHEET

SMART+ BT ALPS Wall Solar RGB + W

SMART+ BT Solar Alps Wall Multicolor | Outdoor Smart Solar Alps Wall sensor



Areas of application

- General illumination
- Outdoor use (IP44)
- Gardens
- Patios, balconies
- Building facades

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
- Uses multi color and cold or warm white light for most flexible lighting scenes
- Combines the functionality of general lighting and mood lighting
- High-quality materials

Product features

- Solar powered outdoor LED luminaire
- RGB color control, approx. 16 million color options adjustable
- Dimmable
- Color temperature: 3,000 K (Warm White)
- Network protocol: Bluetooth
- Type of protection: IP44
- Battery charging via solar panel



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

TECHNICAL DATA

Electrical data

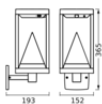
Nominal wattage	6 W
Nominal voltage	3,7 V
Nominal current	1430.000 mA
Protection class	III

Photometrical data

Luminous flux	400 lm
Total luminous flux of contained light sources	600 lm
Luminous efficacy	66 lm/W
Color temperature	3000 K
Light color (designation)	Warm White / RGB
Color rendering index Ra	> 80
Standard deviation of color matching	≤6 sdcn
Photobiological safety group acc. to EN62778	RG0

Dimensions & Weight

Length	152.00 mm
Width	193.00 mm
Height	365.00 mm
Product weight	1560.00 g



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Materials & Colors

Product color	Black
Housing color	Black
Body material	Aluminum Polycarbonate (PC)
Glow Wire Test according to IEC 60695-2-12	650 °C

Mercury content	0.0 mg
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Application & Mounting

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

Lifespan

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

Sensor

Type of sensor	Motion / Daylight
Sensor detection angle	90 °

BATTERY

Type of Battery	Lithium ion
Battery size [GMS]	18650
Nominal voltage of battery	3.7 V
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.
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EQUIPMENT / ACCESSORIES

- Control via app or voice control requires compatible Smart home system
- Mounting screws and dowels included

- Power supply included
- 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.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	SMART ALPS SOLAR
	Legal information	Safety insert G11222365
	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
4099854474415	Folding box 1	162 mm x 207 mm x 377 mm	1791.00 g	12.64 dm ³
4099854474422	Shipping box 4	430 mm x 340 mm x 405 mm	8057.00 g	59.21 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/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.