

# PRODUCT DATASHEET

## SMART+ Wifi Cascade 50cm Post

Smart+ Cascade Multicolor | Luminaire with WIFI technology



### Areas of application

- General illumination
- Gardens
- Patios, balconies

### Product benefits

- Easy and quick installation
- Colorful garden lighting with smart and intelligent control options

### Product features

- Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)
- Controllable via voice control available: Google Assistant or Amazon Alexa
- RGB color control, approx. 16 million color options adjustable
- Dimmable
- Color temperature: 3,000 K (Warm White)
- Network protocol: WiFi
- Type of protection: IP44



## TECHNICAL DATA

### Electrical data

Nominal wattage	10.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	72.000 mA
Inrush current	3.65 A
Power factor $\lambda$	$\geq 0.5$
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Mains voltage

### Photometrical data

Luminous flux	420 lm
Total luminous flux of contained light sources	800 lm
Luminous efficacy	38 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	< 6 sdc <sub>m</sub>
Flickering metric (Pst LM)	$\leq 1$ %
Stroboscope effect metric (SVM)	$\leq 0.4$
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	180 °

### Dimensions & Weight

Length	200.00 mm
Width	160.00 mm
Height	500.00 mm
Product weight	1594.00 g

SMART OUTD WIFI  
CASCADE50CM RGBW DG

## Materials & Colors

Product color	Dark gray
Housing color	Dark gray
Body material	Aluminum
Cover material	Glass
Mercury content	0.0 mg

## Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...+80 °C
Type of connection	Terminal, 3-Pole (L, N, PE)
Type of protection	IP44
Protection class IK (shock resistance)	IK03
Dimmable	Yes
Type of dimming	WiFi
Mounting type	Surface
Mounting location	Ground
Application environment	Outdoor
With light source	Yes

## Lifespan

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

## Emergency lighting

Integrated test switch	No
------------------------	----

## Certificates & Standards

Standards	CE / UKCA
Replaceable light source (EPREL)	Not replaceable




## EQUIPMENT / ACCESSORIES

- Mounting screws and dowels included
- Control via app or voice control requires compatible Smart home system
- For control via LEDVANCE SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)

### Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

### DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	SMART WIFI CASCADE
	Declarations of conformity	EC_SMART OUTD WIFI
	Declarations of conformity UKCA	SMART WIFI

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075564268	Folding box 1	222 mm x 182 mm x 522 mm	2104.00 g	21.09 dm <sup>3</sup>
4058075564275	Shipping box 2	540 mm x 380 mm x 250 mm	5061.00 g	51.30 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.