

# Product datasheet

Surface mounted wall lamp, Samas Solar, dark gray, 3,7V DC, 2,20 W, warmwhite

## Technical Data

### General Characteristics

Material	aluminum die casting / plastic
Colour	dark gray
Optics	/ milky
included in delivery	incl. Li-ion battery 3,7V; 2200mAh 2x screws with dowels 1x hexagon socket wrench



### Electrical Characteristics

Power / power consumption	2,20 W / 2,20 W
Input voltage	3,7V DC
Input current	
Base (standard designation)	
Number of bases	
Power supply unit	
Electronically reversible	twilight switch
Connection possibility	
Protection class I, II, III	III

### Light Technical Data

Bulb	LED-module fixed
Colour Designation	warmwhite
Colour temperature	3000 K
Luminous flux	130 lm
Beam angle	106°
LED type	SMD
LED quantity	25
Spectral power distribution	



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### Light Direction

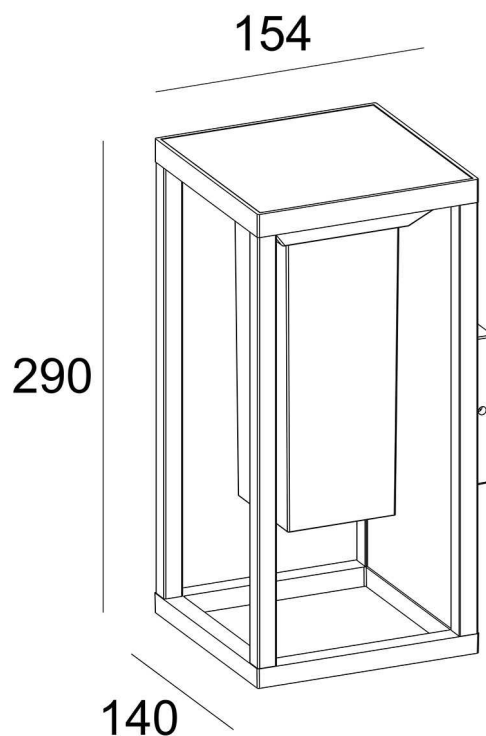
Rotating and tilting range	fixed
Angle of inclination	
Radiation direction	
Reflector / lense	symmetrisch

### Dimensions & Weight

Length	154 mm
Width	140 mm
Height	290 mm
Diameter	
Suspensions from ceiling	
Product Weight	1338 g

### Base dimensions

Length	110 mm
Width	30 mm
Height	12 mm
Diameter	



Charging time:	6-8 hours
Operating time at full illuminance:	2.5- 3 hours
Operating time with microlight:	20 - 25 hours
Switchover time with no detection of movements (from full brightness to microlight):	30 seconds
Detection angle of the PIR sensor:	180°
Range of the PIR sensor:	6 meters

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## Absolute maximum ratings

The LED will get damaged and the lifetime will decrease when you overrun absolute maximum ratings.

Working temperature	-25°C - +45°C
Storage temperature	-25°C - +45°C
IP - Code	IP54




## General product data

### Environmental Characteristics

Energy label	
Energy consumption	

### Lifespan

Lamp life time	30000 h
Luminous flux (end of lifetime)	
Number of switching cycles	

IP54	Protection against penetration of dust. (dust protected) Protection against penetration of splashing water.
	Lightings of Protection Class III Luminaire in which protection against electric shock relies on supply at safety extra-low voltage (SELV) and in which voltages higher than those of SELV are not generated.
	Because of the complex manufacturing process of the LED the above shown data are just a statistical size, which is not forced to be the realistic data of every LED.
	The light source of this luminaire may only be replaced by the manufacturer or by a service technician appointed by him or by a comparable qualified person