

# PRODUCT DATASHEET

## SMART+ WiFi Spot 50 45 ° 4.9 W/2700...6500 K GU10

SMART+ WiFi SPOT GU10 Multicolour | Reflector shape with WiFi technology



### Areas of application

- General illumination
- Residential interiors
- Professional (hotels, bars, boutiques etc.)
- Outdoor use in suitable outdoor luminaires only

### Product benefits

- Wireless control via app
- Easy to install and use
- Contains no mercury

### Product features

- Controllable via LEDVANCE SMART+ WiFi App (with minimum Android™ 4.4 or iOS 9.0)
- Controllable via Google Assistant and Amazon Alexa possible
- Adjustable light color via Tunable White: Warm White to Cool White (2,700 K...6,500 K)
- RGB color control, approx. 16 million color options adjustable
- Dimmable
- Network protocol: WiFi
- Lifetime: up to 20,000 h



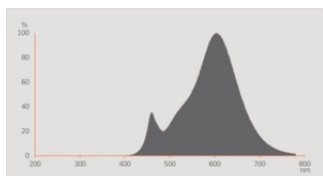
## TECHNICAL DATA

### Electrical data

Nominal wattage	4.9 W
Construction wattage	4.90 W
Nominal voltage	230 V
Nominal current	45 mA
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Power factor $\lambda$	> 0.50
Claimed equiv. conventional lamp power	50 W

### Photometrical data

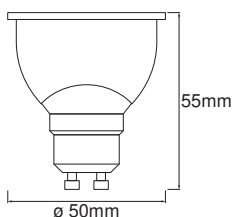
Light color (designation)	RGBW
Lumen main.fact.at end of nom.life time	0.70
Standard deviation of color matching	$\leq 6$ sdcn
Nominal luminous flux	350 lm
Luminous flux	350 lm
Luminous efficacy	71 lm/W
Luminous intensity	467 cd
Adjustable color temperature	2700...6500 K
Color temperature	2700...6500 K
Color rendering index Ra	80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.9



### Light technical data

Beam angle	45 °
Starting time	< 0.5 s

## Dimensions & Weight



Product weight	53.00 g
Diameter	50.00 mm
Length	52.00 mm
Width	50.00 mm
Height	50.00 mm
Outer bulb [PICOS]	PAR51

## Lifespan

Lifespan	20000 h
Lumen maintenance at end of service lifetime	0.70

## Colors & materials

Housing color	White
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## Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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## Additional product data

Mercury-free	Yes
Product remark	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value
Base (standard designation)	GU10

## Capabilities

Dimmable	Yes
Compatible smart home technology	Google Assistant / Amazon Alexa

## Certificates & Standards

Energy efficiency class	G 1)
Energy consumption	5.00 kWh/1000h
Standards	CE
Type of protection	IP20

1) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

## Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	DLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	GU10
Connected light source (CLS)	Yes
Color-tuneable light source	Yes
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	RANGE
Standby power	0.50 W
Networked standby power for CLS	0,50 W
Claim of equivalent power	Yes
Chromaticity coordinate x	0.461
Chromaticity coordinate y	0.420
R9 Colour rendering index	0.00
Beam angle correspondence	NARROW_CONE_90
Survival factor	0,90
Displacement factor	0,50
LED light source replaces a fluorescent light source	No
EPREL ID	528214
Model number	AC33927

## DOWNLOAD DATA

### Documents and certificates



Installation guide

**Documents and certificates**

Declarations Of Conformity CE

**Photometric and lighting design files**

Spectral power distribution

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075485693	Folding box 1	61 mm x 78 mm x 96 mm	134.00 g	0.46 dm <sup>3</sup>
4058075485709	Shipping box 4	173 mm x 108 mm x 141 mm	625.00 g	2.63 dm <sup>3</sup>
4058075521476	Shipping box 32	359 mm x 229 mm x 303 mm	3984.00 g	24.91 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.

**DISCLAIMER**

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