PRODUCT DATASHEET
SMART+ ZB SPOT 4.9 W 220...240 V 120 ° GU10

SMART+ Spot GU10 Multicolour | PAR16 Spot with Zigbee technology



Areas of application

- General illumination
- Outdoor applications only in suitable luminaires

Product benefits

- Easy to install and use
- Up to 80 % less energy consumption compared to halogen lamps
- Contains no mercury

Product features

- LED PAR 16 lamp with wireless smart lighting function
- RGB color control, approx. 16 million color options adjustable
- Adjustable light color via Tunable White: Warm White to Cool White (2,700 K...6,500 K)
- Dimmable
- Network protocol: ZigBee
- Lifetime: up to 20,000 h
- Controllable via compatible smart home system (gateway and app) or SMART+ Switch
- For full functionality connection to a compatible smart home System (gateway and app) required





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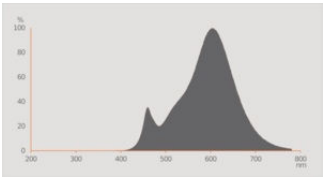
TECHNICAL DATA

Electrical data

Nominal wattage	4.9 W
Construction wattage	4.90 W
Nominal voltage	220…240 V
Nominal current	48 mA
Operating frequency	50…60 Hz
Mains frequency	50…60 Hz
Power factor λ	> 0.5
Claimed equiv. conventional lamp power	28 W

Photometrical data

Light color (designation)	RGBW
Lumen main.fact.at end of nom.life time	0.70
Standard deviation of color matching	≤6 sdcm
Nominal luminous flux	350 lm
Luminous flux	350 lm
Luminous efficacy	71 lm/W
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)	0.4



Light technical data

Beam angle	120 °
Starting time	< 0.5 s
Light control	RGB color control

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Warm-up time (60 %)	2.00 s

Dimensions & Weight

Product weight	50.00 g
Diameter	50.00 mm
Length	56.00 mm
Width	50.00 mm
Height	50.00 mm
Outer bulb [PICOS]	PAR51

Lifespan

Lifespan	20000 h
Lumen maintenance at end of serv	0.70

Colors & materials

Housing color	White

Temperatures & operating conditions

Ambient temperature range	0…+25 °C

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 / Reset settings to default by switching the product on for five seconds and off for five seconds and repeating this five times.
Base (standard designation)	GU10

Capabilities

Dimmable	Yes
Compatible smart home technology	Philips Hue / Google Assistant / Amazon Alexa

Certificates & Standards

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

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

Energy labellling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	NDLS
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
Claim of equivalent power	Yes
Chromaticity coordinate x	0.463
Chromaticity coordinate y	0.420
R9 Colour rendering index	0.00
Beam angle	SPHERE_360
Survival factor	0.9
LED light source replaces a fluorescent light source	not applicable
EPREL ID	528193,528193
Model number	AC33906,AC33906

EQUIPMENT / ACCESSORIES

- Control via app requires LIGHTIFY system (app and gateway) or other compatible Smart home system

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	Declarations of conformity Declaration of Conformity Smart Home
PDF	Declarations of conformity EU Declaration of Conformity – Smart+ ZigBee PAR16
PDF	Declarations of conformity EC Declaration of Conformity SMART+ ZB CLA CLB CLP PAR16 HS

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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075208445	Folding box 1	61 mm x 78 mm x 96 mm	131.00 g	0.46 dm^3
4058075213814	Shipping box 4	173 mm x 108 mm x 141 mm	613.00 g	2.63 dm^3
4058075213821	Shipping box 32	359 mm x 229 mm x 303 mm	4848.00 g	24.91 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.

DISCLAIMER

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