

PRODUCT DATASHEET

SMART+ ZB SPOT 5 W 220...240 V 100 ° 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

TECHNICAL DATA

Electrical data

Nominal wattage	5 W
Nominal voltage	220...240 V
Nominal current	48 mA
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Power factor λ	> 0,50
Claimed equiv. conventional lamp power	40 W

Photometrical data

Light color (designation)	RGBW
Lumen main.fact.at end of nom.li	0.70
Standard deviation of color matching	≤ 6 sdcm
Nominal luminous flux	300 lm
Luminous flux	300 lm
Luminous efficacy	60 lm/W
Adjustable color temperature	2700...6500 K
Color temperature	2700...6500 K
Color rendering index Ra	> 80

Light technical data

Beam angle	100 °
Starting time	< 0.5 s
Light control	RGB color control
Warm-up time (60 %)	0.50 s

Dimensions & weight

Product weight	50.000 g
Diameter	50.00 mm
Maximum diameter	50 mm
Length	58.00 mm
Outer bulb [PICOS]	PAR51

Lifespan

Number of switching cycles	100000
----------------------------	--------

Nominal lamp life time	20000 h
------------------------	---------

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	A+ 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 E (lowest efficiency)

EQUIPMENT / ACCESSORIES

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

DOWNLOAD DATA

DOWNLOAD DATA	
	Declarations of conformity Declaration of Conformity Smart Home

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	434.00 g	2.63 dm ³
4058075213821	SHIPPING BOX FOR 5TH-LEVEL 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

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