

PRODUCT DATASHEET SMART+ ZB SPOT 4.5 W 230 V 36° GU10

SMART+ Spot GU10 Tunable White | PAR16 Spot with ZigBee technology



AREAS OF APPLICATION

- General illumination
- Outdoor applications only in suitable luminaires

PRODUCT BENEFITS

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

PRODUCT FEATURES

- LED PAR 16 lamp with wireless smart lighting function
- 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

Operating frequency	5060 Hz
Rated wattage	4.50 W
Power factor λ	> 0.50
Nominal wattage	4.50 W
Nominal voltage	230 V
Claimed equiv. conventional lamp power	50 W

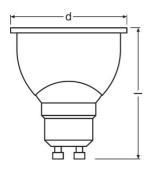
Photometrical data

Light color (designation)	Tunable White	
Lumen main.fact.at end of nom.life time	0.70	
Standard deviation of color matching	≤6 sdcm	
Adjustable color temperature	27006500 K	
Rated luminous flux	350 lm	
Nominal luminous flux	350 lm	
Rated color temperature	2700 K	
Color rendering index Ra	>80	
Rated peak intensity	980 cd	

Light technical data

Starting time	< 0.5 s	
Light control	Adjustable color temperature	
Warm-up time (60 %)	< 0.50 s	

Dimensions & weight



Product weight	80.00 g
Outer bulb	PAR51
Length	55.0 mm

Diameter	50.0 mm
Overall length	55.0 mm
Maximum diameter	50.0 mm

Lifespan

Number of switching cycles	100000
Rated lamp life time	20000 h
Nominal lamp life time	20000 h
Lumen maintenance at end of service life	0.70

Additional product data

Mercury-free	Yes	
Show WEEE picto	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	ZigBee

Certificates & standards

Energy efficiency class	A+
Energy consumption	5 kWh/1000h

EQUIPMENT / ACCESSORIES

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075208438	Folding carton box 1	61 mm x 78 mm x 96 mm	126.00 g	0.46 dm³
4058075213777	Shipping carton box 4	173 mm x 108 mm x 141 mm	577.00 g	2.63 dm³
4058075213784	Shipping carton box 32	359 mm x 229 mm x 303 mm	4848.00 g	24.91 dm³

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.