PRODUCT DATASHEET
SMART+ ZIGBEE Dimmable Spot PAR16 50 45° 4.7W GU10

SMART+ ZIGBEE Spot Dimmable | PAR16 Spot with Zigbee 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
- Lower energy consumption than incandescent or halogen lamps

Product features

- Control via compatible smart home system (gateway and app)
- Control via voice control available: Google Assistant or Amazon Alexa, depending on the smart home system in use
- Network protocol: ZigBee 3.0
- Dimmable
- Lifetime: up to 20,000 h
- For full functionality connection to a compatible smart home System (gateway and app) required

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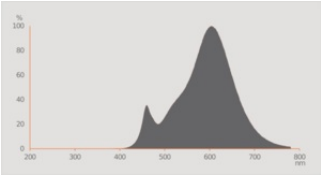
TECHNICAL DATA

Electrical data

Nominal wattage	4.7 W
Construction wattage	4.70 W
Nominal voltage	220…240 V
Nominal current	38 mA
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor λ	> 0.50
Claimed equiv. conventional lamp power	50 W
Operating mode	AC Mains

Photometrical data

Lumen main.fact.at end of nom.life time	0.95
Standard deviation of color matching	≤6 sdcm
Nominal luminous flux	350 lm
Luminous flux	350 lm
Luminous efficacy	74 lm/W
Luminous intensity	600 cd
Color temperature	2700 K
Color rendering index Ra	80
Flickering metric (Pst LM)	1
Stroboscope effect metric (SVM)	0.4



Everlight 67-23ST KKE 2700K

Light technical data

Beam angle	45 °
Starting time	< 0.5 s

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Warm-up time (60 %)	‹ 0.50 s

Dimensions & Weight

Product weight	43.00 g
Diameter	50.00 mm
Maximum diameter	50 mm
Length	54.00 mm
Width	50.00 mm
Height	50.00 mm
Outer bulb [PICOS]	PAR51

Lifespan

Number of switching cycles	100000
Lifespan	20000 h
Lumen maintenance at end of service lifetime	0.95

Colors & materials

Housing color	Transparent
Body material	Glass

Temperatures & operating conditions

Ambient temperature range	-20…+40 °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
Base (standard designation)	GU10

Capabilities

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Dimmable	Yes [1]

[1] Via App

Certificates & Standards

Energy efficiency class	F [1]
Energy consumption	5.00 kWh/1000h
Standards	CE / EAC / UKCA
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	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	≤ 0.5 W
Networked standby power for CLS	<0.5
Claim of equivalent power	Yes
Chromaticity coordinate x	0.4578
Chromaticity coordinate y	0.4101
R9 Colour rendering index	1
Beam angle correspondence	NARROW_CONE_90
Survival factor	0.90
Displacement factor	0 W
LED light source replaces a fluorescent light source	No
EPREL ID	1160675
Model number	AC41289,AC41289

Safety advice

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- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Extended installation guide	SMARTZB 220-240V DIMFS1
PDF	Declarations of conformity	SMART ZB DIM A60 / B40 / P40 / PAR16
PDF	EU Data Act	SMART ZigBee Lamps and Luminaires

	Photometric and lighting design files	Document name
	Spectral power distribution	Everlight 67-23ST KKE 2700K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854461804	Folding box 1	56 mm x 78 mm x 82 mm	65.00 g	0.36 dm^3
4099854461811	Shipping box 4	162 mm x 122 mm x 96 mm	333.00 g	1.90 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.

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