PRODUCT DATASHEET
SMART+ ZB SPOT 4.9 W 220…240 V 36 ° GU10

SMART+ ZIGBEE Spot Dimmable | PAR16 Spot with Zigbee technology

Areas of application

– General illumination
– Outdoor use in suitable outdoor luminaires only

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
– Dimmable
– Network protocol: ZigBee 3.0
– Lifetime: up to 20,000 h
– Controllable via compatible smart home system (gateway and app) or SMART+ Switch
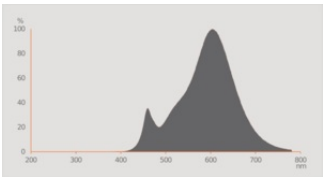– For full functionality connection to a compatible smart home System (gateway and app) required

TECHNICAL DATA

Electrical data

Nominal wattage	4.9 W
Construction wattage	4.90 W
Nominal voltage	220…240 V
Nominal current	44 mA
Operating frequency	50…60 Hz
Mains frequency	50…60 Hz
Power factor λ	> 0.5
Claimed equiv. conventional lamp power	50 W

Photometrical data

Light color (designation)	Warm White
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
Luminous intensity	700 cd
Color temperature	2700 K
Color rendering index Ra	> 80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.90

Everlight 67-23ST KKE 2700K

Light technical data

Beam angle	36 °
Starting time	< 0.5 s

Light control	Adjustable color temperature

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

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
Base (standard designation)	GU10

Capabilities

Dimmable	Yes
Compatible smart home technology	Philips Hue / Google Home / 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	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0.50
Networked standby power for CLS	0.50
Claim of equivalent power	Yes
Chromaticity coordinate x	0.463
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	1403099,528191
Model number	AC33904,AC25716

EQUIPMENT / ACCESSORIES

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

Safety advice

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

DOWNLOAD DATA

	Documents and certificates	Document name
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
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
4058075208452	Folding box 1	61 mm x 78 mm x 96 mm	134.00 g	0.46 dm^3
4058075213791	Shipping box 4	173 mm x 108 mm x 141 mm	625.00 g	2.63 dm^3
4058075213807	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

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