

PRODUCT DATASHEET

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

GU10

SMART+ ZIGBEE Spot Multicolour | 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

- Controllable 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
- 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)
- 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

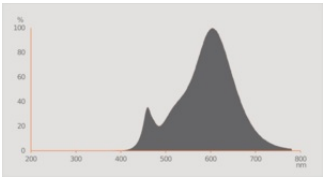
TECHNICAL DATA

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 | 300 lm |
| Luminous flux | 300 lm |
| Luminous efficacy | 61 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 |



Everlight 67-23ST KKE 2700K

Light technical data

| | |
|---------------|---------|
| Beam angle | 120 ° |
| Starting time | < 0.5 s |

| | |
|---------------------|-------------------|
| Light control | RGB color control |
| 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 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 / 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 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 | 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 |
| Standby power | 0.50 W |
| Networked standby power for CLS | 0,50 W |
| Claim of equivalent power | Yes |
| Chromaticity coordinate x | 0.463 |
| Chromaticity coordinate y | 0.420 |
| R9 Colour rendering index | 0.00 |
| Beam angle correspondence | SPHERE_360 |
| Survival factor | 0.9 |
| Displacement factor | 0,50 |
| LED light source replaces a fluorescent light source | No |
| EPREL ID | 1403095,528193 |
| Model number | AC33906,AC25712 |

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 |
|---|--------------------------------------|
|  Declarations of conformity | Declaration of Conformity Smart Home |

| Documents and certificates | | Document name |
|---|-----------------------------|---|
|  | Declarations of conformity | EU Declaration of Conformity – Smart+ ZigBee PAR16 |
|  | Declarations of conformity | EC Declaration of Conformity SMART+ ZB CLA CLB CLP PAR16 HS |
|  | 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 |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 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

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