

# PRODUCT DATASHEET

## SMART+ ZB SPOT 4.5 W 220...240 V 36° GU10

SMART+ Spot GU10 Dimmable | PAR16 Spot with ZigBee technology



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### AREAS OF APPLICATION

- General illumination
- Outdoor applications only in suitable luminaires

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### PRODUCT BENEFITS

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

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### PRODUCT FEATURES

- LED PAR 16 lamp with wireless smart lighting function
- 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                    | 50...60 Hz  |
| Rated wattage                          | 4.50 W      |
| Power factor $\lambda$                 | > 0.50      |
| Nominal wattage                        | 4.50 W      |
| Nominal voltage                        | 220...240 V |
| Claimed equiv. conventional lamp power | 50 W        |

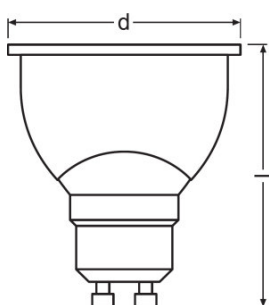
Photometrical data

|   |                           |
|---|---------------------------|
| Light color (designation)               | Warm White                |
| Lumen main.fact.at end of nom.life time | 0.70                      |
| Standard deviation of color matching    | $\leq 6$ sdc <sub>m</sub> |
| Rated luminous flux                     | 350 lm                    |
| Nominal luminous flux                   | 350 lm                    |
| Rated color temperature                 | 2700 K                    |
| Color rendering index Ra                | >80                       |

Light technical data

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

Dimensions & weight



|                |         |
|----------------|---------|
| Product weight | 53.00 g |
| Outer bulb     | PAR51   |
| Length         | 58.0 mm |
| Diameter       | 50.0 mm |
| Overall length | 58.0 mm |

|                         |         |
|-------------------------|---------|
| <b>Maximum diameter</b> | 50.0 mm |
|-------------------------|---------|

### Lifespan

|   |         |
|---|---------|
| <b>Number of switching cycles</b>               | 100000  |
| <b>Rated lamp life time</b>                     | 15000 h |
| <b>Nominal lamp life time</b>                   | 15000 h |
| <b>Lumen maintenance at end of service life</b> | 0.70    |

### Additional product data

|                                    |  |
|------------------------------------|--|
| <b>Mercury-free</b>                | Yes  |
| <b>Show WEEE picto</b>             | Yes  |
| <b>Product remark</b>              | 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 |
| <b>Base (standard designation)</b> | GU10   |

### Capabilities

|   |        |
|---|--------|
| <b>Dimmable</b>                         | Yes    |
| <b>Compatible smart home technology</b> | ZigBee |

### Certificates & standards

|                                |             |
|--------------------------------|-------------|
| <b>Energy efficiency class</b> | A+          |
| <b>Energy consumption</b>      | 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                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075208452 | Folding carton box<br>1      | 61 mm x 78 mm x 96 mm                | 126.00 g     | 0.46 dm <sup>3</sup>  |
| 4058075213791 | Shipping carton box<br>4     | 173 mm x 108 mm x 141 mm             | 577.00 g     | 2.63 dm <sup>3</sup>  |
| 4058075213807 | Shipping carton box<br>32    | 359 mm x 229 mm x 303 mm             | 4848.00 g    | 24.91 dm <sup>3</sup> |

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.

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**DISCLAIMER**

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