

PRODUCT DATASHEET

SMART+ ZB CANDLE 40 4.9 W/2700 K E14

SMART+ Candle Dimmable | Classic candle shape with Zigbee technology



Areas of application

- General illumination
- Outdoor applications only in suitable luminaires

Product benefits

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

Product features

- LED 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



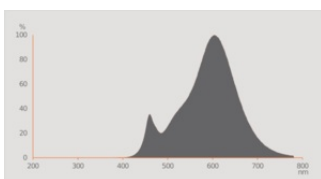
TECHNICAL DATA

Electrical data

| | |
|--|-------------|
| 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 | 40 W |

Photometrical data

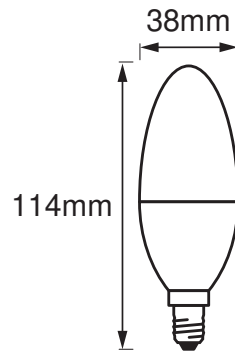
| | |
|---|---------------|
| Light color (designation) | Warm White |
| Lumen main.fact.at end of nom.life time | 0.70 |
| Standard deviation of color matching | ≤ 6 sdcn |
| Nominal luminous flux | 470 lm |
| Luminous flux | 470 lm |
| Luminous efficacy | 95 lm/W |
| Color temperature | 2700 K |
| Color rendering index Ra | > 80 |
| Flickering metric (Pst LM) | 1.0 |
| Stroboscope effect metric (SVM) | 0.90 |



Light technical data

| | |
|---------------|------------------------------|
| Beam angle | 200 ° |
| Starting time | < 0.5 s |
| Light control | Adjustable color temperature |

Dimensions & Weight



| | |
|--------------------|-----------|
| Product weight | 32.00 g |
| Diameter | 37.00 mm |
| Length | 107.00 mm |
| Width | 37.00 mm |
| Height | 37.00 mm |
| Outer bulb [PICOS] | B40 |

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) | E14 |

Capabilities

| | |
|----------------------------------|---|
| Dimmable | Yes |
| Compatible smart home technology | Philips Hue / Google Assistant / Amazon Alexa |

Certificates & Standards

| | |
|-------------------------|----------------|
| Energy efficiency class | F 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) | E14 |
| 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 | 0.458 |
| Chromaticity coordinate y | 0.410 |
| R9 Colour rendering index | 0.00 |
| Beam angle correspondence | SPHERE_360 |
| Survival factor | 0.90 |
| Displacement factor | 0,50 |
| LED light source replaces a fluorescent light source | No |
| EPREL ID | 1403089,528187 |
| Model number | AC33900,AC25706 |

EQUIPMENT / ACCESSORIES

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

DOWNLOAD DATA**Documents and certificates**

Declarations Of Conformity CE

Photometric and lighting design files

Spectral power distribution

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075208421 | Folding box 1 | 61 mm x 96 mm x 154 mm | 103.00 g | 0.90 dm ³ |
| 4058075211599 | Shipping box 4 | 210 mm x 165 mm x 135 mm | 534.00 g | 4.68 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.