

PRODUCT DATASHEET

SMART+ ZB CANDLE 40 6 W E14

Starters for single operation at 230 V AC (ST 111, ST 171, ST 173) | Starters for single operation at 230 V AC



Areas of application

- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

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

Product features

- LED Classic B lamp with wireless smart lighting function
- Adjustable light color via Tunable White: Warm White to Cool White (2,700 K...6,500 K)
- Dimmable
- Network protocol: Zigbee LL 2.0
- 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	6 W
Construction wattage	6.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	48 mA
Type of current	AC
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Power factor λ	> 0.50

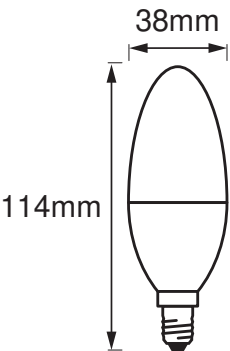
Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	78 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Tunable White
Color temperature	2700...6500 K
Color rendering index Ra	≥80
Light color	827...865
Standard deviation of color matching	≤6 sdcn

Light technical data

Beam angle	240 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	106.00 mm
Diameter	38.00 mm
Maximum diameter	38 mm
Product weight	65.00 g

Temperatures & operating conditions

Ambient temperature range	0...+25 °C
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Lifespan

Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70
Rated lamp survival factor at 6,000 h	> 0.90

Additional product data

Base (standard designation)	E14
Mercury content	0.0 mg
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.

Capabilities

Dimmable	Yes
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Certificates & Standards

Energy efficiency class	A+ ¹⁾
Energy consumption	6.00 kWh/1000h
Type of protection	IP20
Standards	CE

¹⁾ Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

Country-specific categorizations

Order reference	SMART CANDLE B4
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E14
Length	110.00 mm
Height	38.00 mm
Width	38.00 mm



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
	Declarations of conformity	EU declaration Smart EU Classic B ZigBee 3.0 series
	Declarations of conformity	EC Declartion Smart EU lamps Classic B

DISCLAIMER

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