

PRODUCT DATASHEET

SMART+ ZB CLA60 60 9 W E27

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
- 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

- Control 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
- 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	9 W
Construction wattage	9.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	75 mA
Type of current	AC
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Power factor λ	> 0.5

Photometrical data

Luminous flux	806 lm
Luminous efficacy	89 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdc _m
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.90



Everlight 67-23ST KKE 2700K

Light technical data

Beam angle	240 °
Starting time	< 0.5 s

Dimensions & Weight

Overall length	112.00 mm
Diameter	60.00 mm
Product weight	46.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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Lifespan

Lifespan L70/B50 at 25 °C	20000 h
Lumen maintenance at end of service lifetime	0.70

Additional product data

Base (standard designation)	E27
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	F 1)
Energy consumption	9.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

Order reference	SMART ZBA60D 9W
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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)	E27
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	0,5 W
Networked standby power for CLS	0.5 W
Claim of equivalent power	Yes
Length	112.00 mm
Height	60.00 mm
Width	60.00 mm
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
EPREL ID	1403084,528184


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 Classic A series (E27 DIM+E27 TW)
	Declarations of conformity	SMART ZLL BT A60 LEDVANCE

Documents and certificates		Document name
	Declarations of conformity	EU Declaration Smart EU Classic A
	Declarations of conformity	EC Declaration of Conformity SMART+ ZB CLA CLB CLP PAR16 HS
	Declarations of conformity	EC Declaration Smart ZB A60
	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
4058075211629	Shipping box 4	210 mm x 165 mm x 135 mm	613.00 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.