

# PRODUCT DATASHEET

## SMART ZB A60 D 9W 220V FR E27

SMART+ Classic Dimmable | Classic candle shape 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

### 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



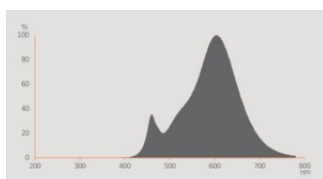
## TECHNICAL DATA

### Electrical data

Nominal wattage	9 W
Construction wattage	9.00 W
Nominal voltage	220...240 V
Nominal current	55 mA
Mains frequency	50/60 Hz
Power factor $\lambda$	> 0.5
Claimed equiv. conventional lamp power	60 W

### Photometrical data

Light color (designation)	Warm White
Lumen main.fact.at end of nom.life time	0.95
Standard deviation of color matching	$\leq 6$ sdcM
Nominal luminous flux	806 lm
Luminous flux	806 lm
Luminous efficacy	89 lm/W
Adjustable color temperature	2700 K
Color temperature	2700 K
Color rendering index Ra	80
Flickering metric (Pst LM)	$\leq 1$
Stroboscope effect metric (SVM)	$\leq 0.4$



### Light technical data

Beam angle	180 °
Starting time	< 0.5 s

### Dimensions & Weight



Product weight	43.00 g
Diameter	60.00 mm
Maximum diameter	60 mm
Length	112.00 mm
Width	60 mm
Height	60 mm
Outer bulb [PICOS]	A60

### Lifespan

Number of switching cycles	100000
Lifespan	20000 h

### Colors & materials

Product color	White
Housing color	White

### Temperatures & operating conditions

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

### Additional product data

Base (standard designation)	E27
-----------------------------	-----

### Capabilities

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

### Certificates & Standards

Energy efficiency class	F
Energy consumption	9.00 kWh/1000h
Standards	CE
Type of protection	IP20

### 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	<input checked="" type="checkbox"/> 0.5 W
Networked standby power for CLS	<input checked="" type="checkbox"/> 0.5 W
Claim of equivalent power	Yes
Chromaticity coordinate x	0.4578
Chromaticity coordinate y	0.4101
R9 Colour rendering index	> 0
Beam angle correspondence	SPHERE_360
Survival factor	0,9
Displacement factor	>0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1160667
Model number	AC41281

## DOWNLOAD DATA

### Documents and certificates



Installation guide



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
4058075728981	Folding box 1	61 mm x 96 mm x 154 mm	120.00 g	0.90 dm <sup>3</sup>
4058075728998	Shipping box 4	210 mm x 165 mm x 135 mm	613.00 g	4.68 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.

---

## DISCLAIMER

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