

## PRODUCT DATASHEET

### LED VALUE CLASS A 5 W/3000 K E27

LED VALUE CLASSIC A SURGE PROTECTION | LED lamps, classic bulb shape with surge protection



#### Areas of application

- Domestic applications
- General illumination
- Outdoor applications only in suitable luminaires

#### Product benefits

- Low energy consumption
- Energy savings of up to 85 % (compared to traditional incandescent lamps)
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs

#### Product features

- Surge protection: up to 2,000 V
- Lifetime: up to 10,000 h
- Mercury-free lamps



## TECHNICAL DATA

### Electrical data

Nominal wattage	5 W
Construction wattage	5.00 W
Nominal voltage	85...250 V
Claimed equiv. conventional lamp power	40 W
Nominal current	40 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor $\lambda$	0.50

### Photometrical data

Luminous flux	500 lm
Nominal useful luminous flux 90°	500 lm
Luminous efficacy	100 lm/W
Light color (designation)	Warm White
Color temperature	3000 K
Color rendering index Ra	80
Light color	830

### Light technical data

Beam angle	180 °
Starting time	< 0.5 s

### Dimensions & Weight

Overall length	108.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	26.00 g

### Temperatures & operating conditions

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

Number of switching cycles	100000
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Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg

Capabilities

Dimmable	No
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Certificates & Standards

Type of protection	IP20
Standards	CB / ROHS
Photobiological safety group acc. to EN62778	RG0

Country-specific categorizations

Order reference	LVCLA 5W/830 85
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LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Length	108.00 mm
Height	60.00 mm
Width	60.00 mm

DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LVCLA 5W 830 85-250V FR E27 OSRAM
	Light distribution curve type polar	LVCLA 5W 830 85-250V FR E27 OSRAM

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075749016	Folding box 1	60 mm x 60 mm x 108 mm	48.00 g	0.39 dm <sup>3</sup>
4058075749023	Shipping box 10	314 mm x 134 mm x 136 mm	659.00 g	5.72 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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Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.