

## PRODUCT DATASHEET

### LED VALUE CLAS B FIL 2.5 W/2700 K E14 GEN2

LED VALUE CLASSIC B FILAMENT | LED lamps, classic mini-candle shape



#### Areas of application

- Decorative applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)
- Perfect for decorative installations

#### Product benefits

- Lamps with innovative LED "filament" technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Lower thermal output (compared with the standard reference product)
- Can be easily fitted instead of ordinary light bulbs

#### Product features

- Professional LED lamps for line voltage



- Not dimmable
- Mercury-free lamps
- Good quality of light; color rendering index  $R_a \geq 80$ ; constant chromaticity
- Lifetime: up to 15,000 h

## TECHNICAL DATA

### Electrical data

Nominal wattage	2.5 W
Construction wattage	2.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	25 W
Nominal current	19 mA
Type of current	AC
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Power factor $\lambda$	$\geq 0.40$

### Photometrical data

Luminous flux	250 lm
Nominal useful luminous flux 90°	250 lm
Luminous efficacy	100 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	$\leq 6$ sdc <sub>m</sub>
Rated LLMF at 6,000 h	0.80

### Light technical data

Beam angle	300 °
Warm-up time (60 %)	$< 0.50$ s
Starting time	$< 0.5$ s

### Dimensions & Weight

Overall length	100.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	16.00 g

### Temperatures & operating conditions

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

Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93
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
Design / version	Clear
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

### Capabilities

Dimmable	No
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### Certificates & Standards

Energy efficiency class	F 1)
Energy consumption	3.00 kWh/1000h
Type of protection	IP20
Photobiological safety group acc. to EN62778	RG0

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




### Country-specific categorizations

Order reference	LV CLB 2,5W/827
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### Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E14
Correlated colour temperature type	SINGLE_VALUE
Length	100.00 mm
Height	35.00 mm
Width	35.00 mm
EPREL ID	1402957,523087
Model number	AC17471,AC32467

DOWNLOAD DATA

Photometric and lighting design files	Document name
 IES file (IES)	LED VALUE CLB FIL 2.5W 2700K
 LDT file (Eulumdat)	LED VALUE CLAS B FIL 2.5 W 2700K E14 GEN2
 LDC typ polar	LED VALUE CLAS B FIL 2.5 W 2700K E14 GEN2

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075306370	Folding box 1	51 mm x 51 mm x 132 mm	29.00 g	0.34 dm <sup>3</sup>
4099854259951	Shipping box 10	266 mm x 109 mm x 142 mm	425.00 g	4.12 dm <sup>3</sup>
4058075506275	Shipping box 10	266 mm x 109 mm x 148 mm	425.00 g	4.29 dm <sup>3</sup>
4058075306387	Shipping box 10	266 mm x 109 mm x 148 mm	424.00 g	4.29 dm <sup>3</sup>
4058075750708	Shipping box 10	266 mm x 109 mm x 142 mm	394.00 g	4.12 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.