

PRODUCT DATASHEET

LED VALUE CLAS B FIL 4 W/2700 K E27 FR 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	4 W
Construction wattage	4.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	32 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	117 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 sdcn
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	92.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	20.00 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	0.70
Rated lamp survival factor at 6,000 h	≥ 0.90

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

Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	E 1)
Energy consumption	4.00 kWh/1000h
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 4W/827 2
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Correlated colour temperature type	SINGLE_VALUE
Standby power	0 W
Length	92.00 mm
Height	35.00 mm
Width	35.00 mm
EPREL ID	1403410
Model number	AC24336

DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LED VALUE CLB 4W E27 GLFR 2700K
	LDT file (Eulumdat)	LED VALUE CLAS B FIL 4 W 2700K E27 GEN2
	Light distribution curve type polar	LED VALUE CLAS B FIL 4 W 2700K E27 GEN2

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075578524	Folding box 1	39 mm x 39 mm x 109 mm	34.00 g	0.17 dm ³
4058075578531	Shipping box 10	205 mm x 87 mm x 123 mm	389.00 g	2.19 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.