

# PRODUCT DATASHEET LED VALUE CLAS A FIL 7 W/4000 K E27 FR

LED VALUE CLASSIC A FILAMENT | LED lamps, classic bulb shape



### Areas of application

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

### **Product benefits**

- Lamps with innovative LED "filament" technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Very low energy consumption
- 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
- Lower thermal output (compared with the standard reference product)
- Correct operation even at low temperatures

### **Product features**

- Professional LED lamps for line voltage
- Not dimmable





- Lifetime up to 15,000 h
- Beam angle: up to  $300^{\circ}$
- Lamp made of glass
- Good quality of light; color rendering index  $R_{a}\!\!: \ge 80;$  constant chromaticity

# TECHNICAL DATA

# Electrical data

Nominal wattage	7 W
Construction wattage	7.00 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	52 mA
Type of current	AC
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Power factor $\lambda$	> 0.50

### Photometrical data

Luminous flux	806 lm
Nominal useful luminous flux 90°	806 lm
Luminous efficacy	115 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
Standard deviation of color matching	≤6 sdcm
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	105.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	29.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C	
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	
Certificates & Standards		
Energy efficiency class	E 1)	
Energy consumption	7.00 kWh/1000h	
Photobiological safety group acc. to EN62778	RG0	
Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (I     Country-specific categorizations	lowest efficiency)	
Order reference	LV CLA 7W/840 2	
Energy labelling regulation data acc EU 2019/2015		
Light source cap-type (or other electric interface)	E27	
Correlated colour temperature type	SINGLE_VALUE	
Length	105.00 mm	
Height	60.00 mm	
Width	60.00 mm	
EPREL ID	1402913	

### DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LED CLASSIC A 7 W non-dim
	LDT file (Eulumdat)	LV CLA 7W 840 230VGLFR E27
	Light distribution curve type polar	LV CLA 7W 840 230VGLFR E27

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075267343	Folding box	64 mm x 64 mm x 131 mm	46.00 g	0.54 dm <sup>3</sup>
4058075267350	Shipping box 10	332 mm x 138 mm x 147 mm	614.00 g	6.73 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.