

PRODUCT DATASHEET LED VALUE CLAS A FIL 7.5 W/2700 K E27 CL

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



F27 CI



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

E27 CL

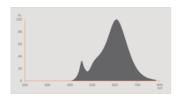
TECHNICAL DATA

Electrical data

Nominal wattage	7.5 W
Construction wattage	7.50 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	75 W
Nominal current	63 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor λ	> 0.50

Photometrical data

Luminous flux	1055 lm
Luminous efficacy	140 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	≤1.0
Stroboscope effect metric (SVM)	≤0.4



EPREL data spectral diagram PROF LEDr 2700K

Light technical data

Beam angle	300 °
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Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Dimensions & Weight	
Overall length	106.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	31.00 g
Temperatures & operating conditions	
Ambient temperature range	-20+40 °C
Lifespan	
Lifespan L70/B50 at 25 °C	15000 h
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
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
Certificates & Standards	
Energy efficiency class	D ¹⁾
Energy consumption	8.00 kWh/1000h
Type of protection	IP20
Standards	CB / ROHS
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 CLA 7,5W/827		
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)	No		
Color-tuneable light source	No		
Envelope	No		
High luminance light source	No		
Anti-glare shield	No		
Correlated colour temperature type	SINGLE_VALUE		
Standby power	0 W		
Claim of equivalent power	Yes		
Length	106.00 mm		
Height	60.00 mm		
Width	60.00 mm		
Chromaticity coordinate x	0.463		
Chromaticity coordinate y	0.420		
R9 Colour rendering index	1		
Beam angle correspondence	SPHERE_360		
Survival factor	0.9		
Displacement factor	0.5		
LED light source replaces a fluorescent light source	No		
EPREL ID	1402920,1361320		
Model number	AC10503,AC45196		

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Declarations of conformity	LED CLASSIC

Photometric and lighting design files	Document name
Spectral power distribution	EPREL data spectral diagram PROF LEDr 2700K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075506565	Folding box 1	64 mm x 64 mm x 131 mm	51.00 g	0.54 dm ³
4099854259913	Shipping box 10	332 mm x 138 mm x 147 mm	647.00 g	6.73 dm ³
4058075506572	Shipping box 10	332 mm x 138 mm x 147 mm	667.00 g	6.73 dm ³
4058075751316	Shipping box 10	332 mm x 138 mm x 147 mm	647.00 g	6.73 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.