

PRODUCT DATASHEET LED VALUE CLAS A FIL 6.5 W/2700 K E27

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°
- Lamp made of glass





– Good quality of light; color rendering index $R_{a:} \ge 80$; constant chromaticity

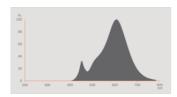
TECHNICAL DATA

Electrical data

Nominal wattage	6.5 W
Construction wattage	6.50 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	38 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor λ	≥ 0.50

Photometrical data

Luminous flux	806 lm
Luminous efficacy	124 lm/W
Lumen main.fact.at end of nom.life time	0.95
Light color (designation)	Warm 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	105.00 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	20000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.95
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	Frosted
Capabilities	
Dimmable	No
Certificates & Standards	
Energy efficiency class	E
Energy consumption	7.00 kWh/1000h
Type of protection	IP20
Photobiological safety group acc. to EN62778	RG0
Country-specific categorizations	
Order reference	LV CLA 6,5W/827
LOGISTICAL DATA	
Temperature range at storage	-20+80 °C

Energy labelling regulation data acc EU 2019/2015

Non-directional or directional NDLS Mains or non-mains MLS Light source cap-type (or other electric interface) E27 Connected light source No Color-tuneable light source 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 105.00 mm Height 60.00 mm Writh 60.00 mm Chromaticity coordinate x 0.463 Chromaticity coordinate y 0.420 R9 Colour rendering index 1 Bearn angle correspondence SPHERE_360 Survival factor 0.9 Displacement factor 0.5 LED light source replaces a fluorescent light source No EPPEL ID 1361315 Model number AC45205	Lighting technology used	LED
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 105.00 mm Height 60.00 mm Wridth 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 1361315	Non-directional or directional	NDLS
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Standby power 0 W Claim of equivalent power Yes Length 105.00 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 1361315	Anti-glare shield	No
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Beam angle correspondence SPHERE_360 Survival factor 0.9 Displacement factor 0.5 LED light source replaces a fluorescent light source No EPREL ID 1361315	Chromaticity coordinate y	0.420
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Displacement factor 0.5 LED light source replaces a fluorescent light source No EPREL ID 1361315	Beam angle correspondence	SPHERE_360
LED light source replaces a fluorescent light source No EPREL ID 1361315	Survival factor	0.9
EPREL ID 1361315	Displacement factor	0.5
	LED light source replaces a fluorescent light source	No
Model number AC45205	EPREL ID	1361315
	Model number	AC45205

DOWNLOAD DATA

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
4058075751552	Folding box	64 mm x 64 mm x 131 mm	49.00 g	0.54 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075751569	Shipping box 10	332 mm x 138 mm x 147 mm	647.00 g	6.73 dm ³
4099854260643	Shipping box 10	332 mm x 138 mm x 147 mm	637.00 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.