

# 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  $300^{\circ}$
- Lamp made of glass





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

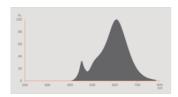
## TECHNICAL DATA

## 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 $\lambda$	≥ 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	
emperatures & operating conditions		
Ambient temperature range	-20+40 °C	
ifespan		
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 efficiency class Energy consumption	7.00 kWh/1000h	
Energy consumption	7.00 kWh/1000h	

LV CLA 6,5W/827

Energy labelling regulation data acc EU 2019/2015

Order reference

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	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
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
4099854310966	Folding box	60 mm x 60 mm x 111 mm	45.00 g	0.40 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854310973	Shipping box 10	315 mm x 131 mm x 126 mm	544.00 g	5.20 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.