

## PRODUCT DATASHEET

### LED Classic B 60 Filament 7W 2700K Frosted E14

LED FILAMENT CLASSIC B VALUE | LED lamps, classic candle shape



#### Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

#### Product benefits

- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Lower energy consumption than incandescent or halogen lamps
- No UV and near-IR radiation in the light beam
- Can be easily fitted instead of ordinary light bulbs
- Instant 100 % light, no warm-up time

#### Product features

- LED alternative to conventional lamps
- Beam angle: up to 300°
- Lifetime up to 15,000 h
- Good color rendering CRI  $\geq 80$  and color stability throughout the life of the lamp
- Not dimmable



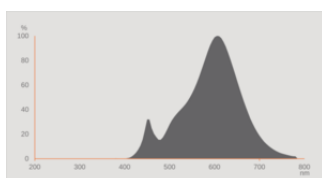
TECHNICAL DATA

Electrical data

Nominal wattage	7 W
Construction wattage	7.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	43 mA
Type of current	AC
Inrush current	1.18 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	184
Max. lamp number on MCB B16 A	219
Total harmonic distortion	114 %
Power factor $\lambda$	0.50

Photometrical data

Luminous flux	806 lm
Luminous efficacy	115 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdc <sub>m</sub>
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 °
Warm-up time (60 %)	0.50 s
Starting time	0.5 s

## Dimensions &amp; Weight

Overall length	100.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	16.00 g

## Temperatures &amp; operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	75 °C

## Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93

## Additional product data

Base (standard designation)	E14
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted
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 &amp; Standards

Energy efficiency class	E
Energy consumption	7.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC / UKCA
Photobiological safety group acc. to EN62778	RG0

## Country-specific categorizations

Order reference	VALCLB60 7W/827
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## LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
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## 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)	E14
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	0.00 W
Claim of equivalent power	Yes
Length	100.00 mm
Height	35.00 mm
Width	35.00 mm
Chromaticity coordinate x	0.4578
Chromaticity coordinate y	0.4101
R9 Colour rendering index	15
Beam angle correspondence	SPHERE_360
Survival factor	0.9
Displacement factor	0.5
LED light source replaces a fluorescent light source	No
EPREL ID	2268423,2567564

Model number	AC75658,AC94359
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### Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

### DOWNLOAD DATA

Documents and certificates		Document name
	Declarations of conformity	CLA_B_P_GL_EDISON
	Declarations of conformity UKCA	CLA_B_P_GL_EDISON
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
4099854567667	Folding box 1	49 mm x 36 mm x 136 mm	26.00 g	0.24 dm <sup>3</sup>
4099854567674	Shipping box 10	188 mm x 106 mm x 118 mm	302.00 g	2.35 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.

### References / Links

- For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)
- For further products and actual information concerning LED lamps see [www.osram-lamps.com/led-lamps](http://www.osram-lamps.com/led-lamps)

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