

PRODUCT DATASHEET LED Classic B 60 Filament P 5.5W 827 Frosted E14

LED CLASSIC B P | 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

- Lamps with innovative LED "filament" technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- 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)
- Lower energy consumption than incandescent or halogen lamps

Product features

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Lifetime up to 15,000 h
- Lamp made of glass





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

TECHNICAL DATA

Electrical data

Nominal wattage	5.5 W
Construction wattage	5.50 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	33 mA
Type of current	AC
Inrush current	0.1 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	600
Max. lamp number on MCB B16 A	960
Total harmonic distortion	93 %
Power factor λ	> 0.50

Photometrical data

Luminous flux	806 lm
Luminous efficacy	146 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 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	≤1.0
Stroboscope effect metric (SVM)	≤0.4

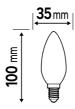


EPREL data spectral diagram PROF LEDr 2700K

Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



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

Temperatures & 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

Rated lamp survival factor at 6,000 h Additional product data Base (standard designation)	≥ 0.90		
Base (standard designation)			
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		
Certificates & Standards			
Energy efficiency class	D 1)		
Energy consumption	6.00 kWh/1000h		
Type of protection	IP20		
Standards	CE / UKCA		
Photobiological safety group acc. to EN62778	RG0		
Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency) to G	LED CLB60 5.5W		
OGISTICAL DATA			
Temperature range at storage	-20+80 °C		
Energy labelling regulation data acc EU 2019/2015			
Lighting technology used	LED		
Non diventional or diventional	NDLS		
Non-directional or directional	MLS		
Mains or non-mains	IVILO		
	E14		
Mains or non-mains			
Mains or non-mains Light source cap-type (or other electric interface)	E14		

High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0 W
Networked standby power for CLS	not applicable
Claim of equivalent power	Yes
Length	100.00 mm
Height	35.00 mm
Width	35.00 mm
Chromaticity coordinate x	0.463
Chromaticity coordinate y	0.420
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	≥0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1361323
Model number	AC45202

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	
PDF	Declarations of conformity	LED CLASSIC	
	Photometric and lighting design files	Document name	
<u></u>	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
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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854062346	Folding box 1	39 mm x 39 mm x 109 mm	30.00 g	0.17 dm ³
4099854062353	Shipping box 10	205 mm x 87 mm x 123 mm	349.00 g	2.19 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.

References / Links

- For dimming conformity see www.ledvance.com/dim
- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.