

PRODUCT DATASHEET LED Classic B 60 Filament Energy efficiency class A 3.8W 827 Clear E14

LED CLASSIC B ENERGY EFFICIENCY A | LED lamps, classic candle shape, ENERGY EFFICIENCY CLASS A



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 a halogen lamp
- Low energy consumption
- Instant 100 % light, no warm-up time
- Low flickering

Product features

- LED lamps for line voltage
- Beam angle: up to 300°
- Very long lifetime of up to 50,000 h
- Very high number of switching cycles 500,000
- Luminous efficacy: up to 210 lm/W





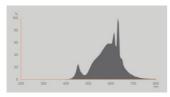
TECHNICAL DATA

Electrical data

Nominal wattage	3.8 W
Construction wattage	3.80 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	30 mA
Type of current	AC
Inrush current	3.52 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	136
Max. lamp number on MCB B16 A	172
Total harmonic distortion	135 %
Power factor λ	≥ 0.40

Photometrical data

Luminous flux	806 lm
Luminous efficacy	212 lm/W
Lumen main.fact.at end of nom.life time	0.96
Light color (designation)	Warm white
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	≤1.0
Stroboscope effect metric (SVM)	≤0.4



EPREL Data Spectral Diagram LEDr _2700K_EELB

Light technical data

Beam angle	330 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	101.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	16.5 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	80 °C

Lifespan

Lifespan L70/B50 at 25 °C	50000 h
Number of switching cycles	500000
Lumen maintenance at end of service lifetime	0.96

Additional product data

Base (standard designation)	E14
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	A 1)
Energy consumption	4.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC / UKCA
Photobiological safety group acc. to EN62778	RG0

¹⁾ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Country-specific categorizations

Order reference

LOGISTICAL DATA	
Temperature range at storage	-20_+80 °C

LSSPCLB60 3,8W/

Energy labelling regulation data acc EU 2019/2015

Non-directional or directionalNDLSMains or non-mainsMLSLight source cap-type (or other electric interface)E14Connected light source (CLS)NoColor-tuneable light sourceNoEnvelopeNoHigh luminance light sourceNoAnti-glare shieldNoCorrelated colour temperature typeSINGLE_VALUEStandby power0 WNetworked standby power for CLSNot relevantClaim of equivalent powerYesLength101.00 mmHeight35.00 mmWidth35.00 mmChromaticity coordinate x0.463Chromaticity coordinate y0.420Beam angle correspondenceSPHERE_360	Lighting technology used	LED
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 O W Networked standby power for CLS Not relevant Claim of equivalent power Length Height 35.00 mm Width Chromaticity coordinate x O,420 Rey E14 E14 E14 E14 Anti-glare shield No Anti-	Non-directional or directional	NDLS
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Anti-glare shield No Correlated colour temperature type SINGLE_VALUE Standby power 0 W Networked standby power for CLS Not relevant Claim of equivalent power Yes Length 101.00 mm Height 35.00 mm Width 35.00 mm Chromaticity coordinate x 0.463 Chromaticity coordinate y 0.420 R9 Colour rendering index 1	Envelope	No
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Standby power 0 W Networked standby power for CLS Not relevant Claim of equivalent power Yes Length 101.00 mm Height 35.00 mm Width 35.00 mm Chromaticity coordinate x 0.463 Chromaticity coordinate y R9 Colour rendering index 1	Anti-glare shield	No
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Height 35.00 mm Width 35.00 mm Chromaticity coordinate x 0.463 Chromaticity coordinate y 0.420 R9 Colour rendering index 1	Claim of equivalent power	Yes
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Chromaticity coordinate y 0.420 R9 Colour rendering index 1	Width	35.00 mm
R9 Colour rendering index 1	Chromaticity coordinate x	0.463
	Chromaticity coordinate y	0.420
Beam angle correspondence SPHERE_360	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	1864223,1902971,2185136
Model number	AC57863,AC60048,AC70007

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 lamp
PDF	Declarations of conformity	LED lamps
PDF	Declarations of conformity UKCA	LED lamp
PDF	Declarations of conformity UKCA	LED lamps

Photometric and lighting design files	Document name
Spectral power distribution	EPREL Data Spectral Diagram LEDr _2700K_EELB

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854255120	Folding box 1	36 mm x 49 mm x 145 mm	28.50 g	0.26 dm ³
4099854255137	Shipping box	129 mm x 111 mm x 120 mm	217.00 g	1.72 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.