

# PRODUCT DATASHEET LED Classic B 25 Filament Energy efficiency class A 1.2W 827 Frosted 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





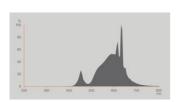
## TECHNICAL DATA

## Electrical data

Nominal wattage	1.2 W
Construction wattage	1.20 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	25 W
Nominal current	13 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	63
Max. lamp number on MCB B16 A	93
Total harmonic distortion	150 %
Power factor $\lambda$	≥ 0.30

## Photometrical data

Luminous flux	255 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



Spectral graph classic A EDISON Globe 2700K

# 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	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

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Dimmable	No
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# Certificates & Standards

Energy efficiency class	A 1)
Energy consumption	2.00 kWh/1000h

Type of protection	IP20
Standards	CE / EAC / UKCA
Photobiological safety group acc. to EN62778	RG1

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

Country-specific categorizations		
Order reference	LSSPCLB25 1,2W/	
LOGISTICAL DATA		
Temperature range at storage	-20+80 °C	
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 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	20	
Beam angle correspondence	SPHERE_360	
Survival factor	0.90	
Displacement factor	≥0.5	
LED light source replaces a fluorescent light source	No	
EPREL ID	1904805,2185167	

Model number	AC59146,AC69996

#### 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	Spectral graph classic A EDISON Globe 2700K

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075839267	Folding box	36 mm x 49 mm x 145 mm	29.00 g	0.26 dm <sup>3</sup>
4058075839274	Shipping box	129 mm x 111 mm x 120 mm	226.00 g	1.72 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.