

PRODUCT DATASHEET LED Classic B 25 Filament Energy efficiency class A 1.2W 840 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	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 λ	≥ 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)	Cool white
Color temperature	4000 K
Color rendering index Ra	80
Light color	840
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	≤1.0
Stroboscope effect metric (SVM)	≤0.4

Spectral graph Classic 4000K

Light technical data

Beam angle	330 °
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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

D: U	
Dimmable	No

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	RG0

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

LOGISTICAL DATA Temperature range at storage -20. Energy labelling regulation data acc EU 2019/2015 Lighting technology used LED Non-directional or directional NDL Mains or non-mains MLS Light source cap-type (or other electric interface) E14	SPCLB25 1,2W/+80 °C
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Lighting technology used Non-directional or directional Mains or non-mains Light source cap-type (or other electric interface) LED NDL MLS E14	
Non-directional or directional Mains or non-mains Light source cap-type (or other electric interface) NDL MLS E14	
Mains or non-mains Light source cap-type (or other electric interface) E14	
Light source cap-type (or other electric interface) E14	LS
0 1 71 (5
Connected light source (CLS)	
Color-tuneable light source No	
Envelope No	
High luminance light source No	
Anti-glare shield No	
Correlated colour temperature type SING	GLE_VALUE
Standby power 0 W	1
Networked standby power for CLS Not	relevant
Claim of equivalent power Yes	•
Length 101	.00 mm
Height 35.0	00 mm
Width 35.0	00 mm
Chromaticity coordinate x 0.38	
Chromaticity coordinate y 0.38	80

1

0.90 ≥0.5

SPHERE_360

R9 Colour rendering index

Survival factor

Displacement factor

Beam angle correspondence

LED light source replaces a fluorescent light source	No
EPREL ID	1902982,2185169
Model number	AC60045,AC69999

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 4000K	

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075839243	Folding box 1	36 mm x 49 mm x 145 mm	28.50 g	0.26 dm ³
4058075839250	Shipping box 6	129 mm x 111 mm x 120 mm	220.00 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.