

PRODUCT DATASHEET LED Classic B 40 Energy efficiency class A 2.2W 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





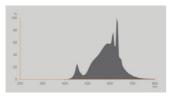
TECHNICAL DATA

Electrical data

Nominal wattage	2.2 W
Construction wattage	2.20 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	40 W
Nominal current	20 mA
Type of current	AC
Inrush current	2.56 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	175
Max. lamp number on MCB B16 A	281
Total harmonic distortion	102.30 %
Power factor λ	0.46

Photometrical data

Luminous flux	470 lm
Luminous efficacy	213 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
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	100.00 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	65 °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

No		
Certificates & Standards		
A 1)		
3.00 kWh/1000h		
IP20		
CE / EAC / UKCA		

RG1

LSSPCLB40 2,2W/

Country-specific categorizations

Order reference

Photobiological safety group acc. to EN62778

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

Energy labelling regulation data acc EU 2019/2015

Non-directional or directional 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	
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Connected light source (CLS) Color-tuneable light source No Envelope No High luminance light source No	
Color-tuneable light source No Envelope No High luminance light source No	
Envelope No High luminance light source 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 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 15	
Beam angle correspondence SPHERE_360	

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

Survival factor	0.90
Displacement factor	0.655
LED light source replaces a fluorescent light source	No
EPREL ID	1867681
Model number	AC57855

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Declarations of conformity	LED lamp
PDF	Declarations Of Conformity UKCA	LED lamp
	Photometric and lighting design files	Document name

EPREL Data Spectral Diagram LEDr _2700K_EELB

LOGISTICAL DATA

Spectral power distribution

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854255618	Folding box 1	36 mm x 49 mm x 145 mm	28.50 g	0.26 dm ³
4099854255625	Shipping box 6	129 mm x 111 mm x 120 mm	225.00 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.