

PRODUCT DATASHEET

LED VALUE CLASS B 60 7.5 W/2700 K E14

LED VALUE CLASSIC B | LED lamps, classic mini-candle shape



Areas of application

- General illumination
- Domestic applications
- Chandeliers
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Simple direct replacement for conventional incandescent lamps
- Instant 100 % light, no warm-up time

Product features

- LED alternative to conventional lamps
- Not dimmable
- Good color rendering CRI ≥ 80 and color stability throughout the life of the lamp



TECHNICAL DATA

Electrical data

Nominal wattage	7.5 W
Construction wattage	7.50 W
Nominal voltage	220...240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	57 mA
Inrush current	9.6 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	54
Max. lamp number on MCB B16 A	69
Total harmonic distortion	117.6 %
Power factor λ	> 0.50

Photometrical data

Luminous flux	806 lm
Nominal useful luminous flux 90°	806 lm
Luminous efficacy	107 lm/W
Lumen main.fact.at end of nom.life time	0.70
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdc
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

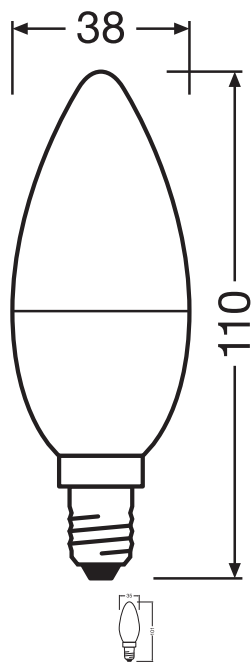


LISO spectral power distribution
2700K CRI80 v1

Light technical data

Beam angle	200 °
Warm-up time (60 %)	0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	115.00 mm
Diameter	39.00 mm
Maximum diameter	39 mm
Product weight	23.00 g

Lifespan

Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

Base (standard designation)	E14
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Mercury content	0.0 mg
Mercury-free	Yes

Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	F ¹⁾
Energy consumption	7.00 kWh/1000h
Standards	CE / UKCA / EAC
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	VALUECLB60 7,5W
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Energy labelling regulation data acc EU 2019/2015



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	0.00 W
Networked standby power for CLS	0.00 W
Claim of equivalent power	Yes
Length	115.00 mm
Height	39.00 mm
Width	39.00 mm
Chromaticity coordinate x	0,458
Chromaticity coordinate y	0,410
R9 Colour rendering index	10
Survival factor	0.9
Displacement factor	0.971

LED light source replaces a fluorescent light source	No
EPREL ID	1403235,523320,1381384,1838235,2187364
Model number	AC31162,AC24722,AC44933,AC56451,AC70653

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
	Declarations of conformity	CLAS A B P lamp
Photometric and lighting design files		Document name
	Spectral power distribution	LISO spectral power distribution 2700K CRI80 v1

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075479159	Folding box 2	77 mm x 38 mm x 112 mm	64.00 g	0.33 dm ³
4058075479166	Shipping box 20	205 mm x 170 mm x 130 mm	762.00 g	4.53 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.