

PRODUCT DATASHEET

LED VALUE CLASS B 60 6.8 W/4000 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



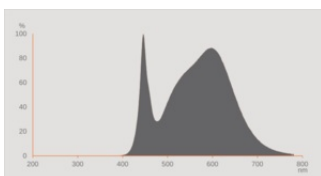
TECHNICAL DATA

Electrical data

Nominal wattage	6.8 W
Construction wattage	6.80 W
Nominal voltage	220...240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	55 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	0.63

Photometrical data

Luminous flux	806 lm
Luminous efficacy	118 lm/W
Lumen main.fact.at end of nom.life time	0.93
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

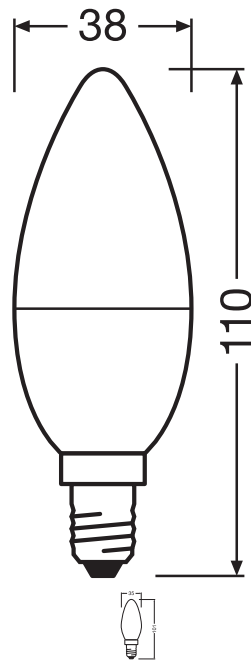


LISO spectral power distribution
4000K CRI80 v1

Light technical data

Beam angle	220 °
Warm-up time (60 %)	0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	103.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	17.00 g

Lifespan

Lifespan L70/B50 at 25 °C	10000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93

Additional product data

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

Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	E 1)
Energy consumption	7.00 kWh/1000h
Standards	CE / UKCA / EAC
Photobiological safety group acc. to EN62778	RG1

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

Country-specific categorizations

Order reference	VALUECLB60 6,8W
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LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
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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	0.00 W
Networked standby power for CLS	0.00 W
Claim of equivalent power	Yes
Length	103.00 mm
Height	35.00 mm
Width	35.00 mm
Chromaticity coordinate x	0,3818
Chromaticity coordinate y	0,3797

R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.9
Displacement factor	0.971
LED light source replaces a fluorescent light source	No
EPREL ID	642891,1381386,1838236,2249886,2567456
Model number	AC31174,AC44935,AC56452,AC70654,AC94474

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	CLA CLB CLP
	Declarations of conformity UKCA	LED CLASSIC A_P NON-DIM
Photometric and lighting design files		Document name
	Spectral power distribution	LISO spectral power distribution 4000K CRI80 v1

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075311886	Folding box 1	38 mm x 38 mm x 108 mm	25.00 g	0.16 dm ³
4058075311893	Shipping box 10	198 mm x 84 mm x 119 mm	311.00 g	1.98 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.