

PRODUCT DATASHEET

LED Eco Classic B 40 4.9 W/2700 K E14

LED Eco Classic B SO | LED lamps with recycled plastic



Areas of application

- Domestic applications
- General illumination
- Atmospheric accent lighting throughout the home

Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

Product features

- LED alternative to conventional lamps
- Mercury-free lamps



TECHNICAL DATA

Electrical data

Nominal wattage	4.9 W
Construction wattage	4.90 W
Nominal voltage	230 V
Claimed equiv. conventional lamp power	40 W
Nominal current	50 mA
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Power factor λ	0.55

Photometrical data

Luminous flux	470 lm
Luminous efficacy	95 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤ 6 sdc _m
Flickering metric (Pst LM)	1
Stroboscope effect metric (SVM)	0.4



LED Classic 827

Light technical data

Beam angle	180 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	96.00 mm
Diameter	37.00 mm
Maximum diameter	37 mm
Product weight	15.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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Lifespan

Lifespan L70/B50 at 25 °C	15000 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
Design / version	Frosted
Product remark	Plastic housing material with PC diffuser.

Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	F
Energy consumption	5.00 kWh/1000h
Standards	CE / EMC / IEC 62612
Photobiological safety group acc. to EN62778	RG0

Country-specific categorizations

Order reference	LECOCLB40 4,9W/
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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	96.00 mm
Height	37.00 mm
Width	37.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	>0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1838232
Model number	AC56448

Safety advice

- Not suitable for enclosed/closed or very tight luminaires.
- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

DOWNLOAD DATA

Photometric and lighting design files		Document name
	Spectral power distribution	LED Classic 827

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854418419	Folding box 1	38 mm x 38 mm x 102 mm	22.00 g	0.15 dm ³
4099854418426	Shipping box 10	198 mm x 84 mm x 113 mm	279.00 g	1.88 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.