

PRODUCT DATASHEET

LED VALUE CLASS B 40 4.9 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 ($R_a \geq 80$) and color stability throughout the life of the lamp



TECHNICAL DATA

Electrical data

Nominal wattage	4.9 W
Construction wattage	4.90 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	42 mA
Type of current	AC
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp number on MCB B10 A	210
Max. lamp number on MCB B16 A	320
Total harmonic distortion	< 100 %
Power factor λ	> 0.50

Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	95 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
Standard deviation of color matching	≤6 sdcn
Rated LLMF at 6,000 h	0.80

Light technical data

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

Dimensions & Weight

Overall length	100.00 mm
Diameter	37.00 mm
Maximum diameter	37 mm

Product weight	16.00 g
----------------	---------

Temperatures & operating conditions

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

Lifespan

Lifespan L70/B50 at 25 °C	10000 h
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
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

Dimmable	No
----------	----

Certificates & Standards

Energy efficiency class	F 1)
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

Order reference	VALUECLB40 4,9W
-----------------	-----------------

LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
------------------------------	--------------

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED
Light source cap-type (or other electric interface)	E14
Correlated colour temperature type	SINGLE_VALUE
Length	100.00 mm
Height	37.00 mm
Width	37.00 mm
R9 Colour rendering index	0.00
Displacement factor	0.5
EPREL ID	1403232,523317,1381382,1838233,2187367
Model number	AC31159,AC24718,AC44931,AC56449,AC70651

Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075476134	Folding box 3	115 mm x 38 mm x 102 mm	70.00 g	0.45 dm ³
4058075476141	Shipping box 30	245 mm x 205 mm x 120 mm	913.00 g	6.03 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.