

PRODUCT DATASHEET

VALUE CLAS B 40 4.9 W/4000 K E14

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



Areas of application

- Domestic applications
- General illumination
- Chandeliers
- Outdoor use in outdoor luminaires only (minimum IP65)

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

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime up to 15,000 h
- Good quality of light; color rendering index R_a : ≥ 80 ; constant chromaticity



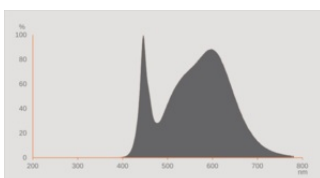
TECHNICAL DATA

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 | 50 mA |
| Type of current | AC |
| Inrush current | 10 A |
| 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 | 125 % |
| 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) | Cool White |
| Color temperature | 4000 K |
| Color rendering index Ra | 80 |
| Light color | 840 |
| Standard deviation of color matching | ≤ 6 sdc _m |
| Flickering metric (Pst LM) | 1 |
| Stroboscope effect metric (SVM) | 0.9 |



LISO spectral power distribution
4000K CRI80 v1

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 |
| Maximum temperature at tc test point | 78 °C |

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 |
| Design / version | Frosted |

Capabilities

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Certificates & Standards

| | |
|-------------------------|----------------|
| Energy efficiency class | F |
| Energy consumption | 5.00 kWh/1000h |

| | |
|--|----------------------------------|
| Type of protection | IP20 |
| Standards | ROHS 2.0 / REACH / CE / CB / ERP |
| Photobiological safety group acc. to EN62778 | RG0 |

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 |
| 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 W |
| Networked standby power for CLS | 0 W |
| Claim of equivalent power | Yes |
| Length | 96.00 mm |
| Height | 37.00 mm |
| Width | 37.00 mm |
| Chromaticity coordinate x | 0.382 |
| Chromaticity coordinate y | 0.380 |
| R9 Colour rendering index | >0 |
| Beam angle correspondence | SPHERE_360 |
| Survival factor | 0.90 |
| Displacement factor | 0.5 |
| LED light source replaces a fluorescent light source | No |
| EPREL ID | 1381382,1838233,2187367 |
| Model number | AC44931,AC56449,AC70651 |

Safety advice

- 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 | LISO spectral power distribution 4000K CRI80 v1 |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4099854073885 | Folding box 1 | 39 mm x 39 mm x 102 mm | 25.00 g | 0.16 dm ³ |
| 4099854073892 | Shipping box 10 | 210 mm x 90 mm x 116 mm | 299.00 g | 2.19 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.

References / Links

- For further products and actual information concerning LED lamps see www.ledvance.com/ledlamps
- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.