

PRODUCT DATASHEET

ST CLAS B 40 4 W/4000 K E14

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



Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Lamps with innovative LED "filament" technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Lower thermal output (compared with the standard reference product)
- Can be easily fitted instead of ordinary light bulbs

Product features

- Professional LED lamps for line voltage
- Not dimmable
- Good quality of light; color rendering index $R_a: \geq 80$; constant chromaticity



- Lifetime: up to 15,000 h
- Lamp made of glass

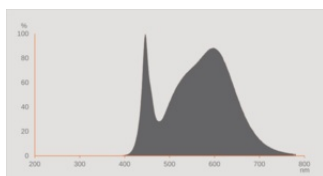
TECHNICAL DATA

Electrical data

| | |
|--|-------------|
| Nominal wattage | 4 W |
| Construction wattage | 4.00 W |
| Nominal voltage | 220...240 V |
| Claimed equiv. conventional lamp power | 40 W |
| Nominal current | 32 mA |
| Type of current | AC |
| Inrush current | 1.9 A |
| Operating frequency | 50...60 Hz |
| Mains frequency | 50...60 Hz |
| Max. lamp no. on circuit break. 10 A (B) | 510 |
| Max. lamp no. on circuit break. 16 A (B) | 817 |
| Power factor λ | > 0.50 |

Photometrical data

| | |
|---|---------------------|
| Luminous flux | 470 lm |
| Nominal useful luminous flux 90° | 470 lm |
| Luminous efficacy | 117 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 sdc _m |
| Rated LLMF at 6,000 h | 0.80 |



Light technical data

| | |
|------------------------------------|----------|
| Beam angle | 300 ° |
| Warm-up time (60 %) | < 0.50 s |
| Starting time | < 0.5 s |
| Rated beam angle (half peak value) | 300.00 ° |

Dimensions & Weight

| | |
|------------------|-----------|
| Overall length | 100.00 mm |
| Diameter | 35.00 mm |
| Maximum diameter | 35 mm |
| Product weight | 16.00 g |

Temperatures & operating conditions

| | |
|--------------------------------------|--------------|
| Ambient temperature range | -20...+40 °C |
| Maximum temperature at tc test point | 50 °C |

Lifespan

| | |
|-------------------------------------|---------|
| Lifespan | 15000 h |
| Number of switching cycles | 100000 |
| Lumen maintenance at end of serv | 0.70 |
| Rated lamp survival factor at 6,000 | ≥ 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 / In development, data preliminary |

Capabilities

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

Certificates & Standards

| | |
|-------------------------|----------------|
| Energy efficiency class | E 1) |
| Energy consumption | 4.00 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

| | |
|-----------------|-----------------------------|
| ILCOS | DRBB/F-4-840-220-240-E14-35 |
| Order reference | LEDSCLB40 4W/84 |

Energy labelling regulation data acc EU 2019/2015

| | |
|---|----------------|
| Light source cap-type (or other electric interface) | E14 |
| Correlated colour temperature type | SINGLE_VALUE |
| Length | 100.00 mm |
| Height | 35.00 mm |
| Width | 35.00 mm |
| EPREL ID | 1403393,523192 |

DOWNLOAD DATA

Documents and certificates



Declarations Of Conformity CE

Photometric and lighting design files



Spectral power distribution

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075808836 | Blister 2 | 41 mm x 140 mm x 185 mm | 60.00 g | 1.06 dm ³ |
| 4058075808829 | Blister 1 | 42 mm x 140 mm x 120 mm | 31.00 g | 0.71 dm ³ |
| 4058075435247 | Folding box 2 | 36 mm x 71 mm x 145 mm | 46.00 g | 0.37 dm ³ |
| 4058075437128 | Folding box 1 | 36 mm x 49 mm x 145 mm | 28.00 g | 0.26 dm ³ |

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075810266 | Shipping box 12 | 262 mm x 153 mm x 201 mm | 453.00 g | 8.06 dm ³ |
| 4058075810259 | Shipping box 6 | 262 mm x 153 mm x 132 mm | 267.00 g | 5.29 dm ³ |
| 4058075604933 | Shipping box 6 | 129 mm x 111 mm x 120 mm | 199.00 g | 1.72 dm ³ |
| 4058075605510 | Shipping box 6 | 128 mm x 80 mm x 120 mm | 166.00 g | 1.23 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.