

PRODUCT DATASHEET P CLAS B 25 CL 2.5 W/2700 K B22d

PARATHOM® 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
- Can be easily fitted instead of ordinary light bulbs
- Lower thermal output (compared with the standard reference product)
- Lower energy consumption than incandescent or halogen lamps

Product features

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Not dimmable



- Base: E14
- Lifetime up to 15,000 h
- Lamp made of glass
- Good quality of light; color rendering index $R_{a}\!\!: \ge 80;$ constant chromaticity

TECHNICAL DATA

Electrical data

| Nominal wattage | 2.5 W |
|--|----------|
| Construction wattage | 2.50 W |
| Nominal voltage | 220240 V |
| Claimed equiv. conventional lamp power | 25 W |
| Nominal current | 20 mA |
| Type of current | AC |
| Inrush current | 1.2 A |
| Operating frequency | 5060 Hz |
| Mains frequency | 5060 Hz |
| Power factor λ | > 0.40 |

Photometrical data

| Luminous flux | 250 lm |
|---|------------|
| Nominal useful luminous flux 90° | 250 lm |
| Luminous efficacy | 100 lm/W |
| Lumen main.fact.at end of nom.life time | 0.70 |
| Light color (designation) | Warm White |
| Color temperature | 2700 K |
| Color rendering index Ra | ≥80 |
| Light color | 827 |
| Standard deviation of color matching | ≤6 sdcm |

Light technical data

| Beam angle | 300 ° |
|---------------------|----------|
| Warm-up time (60 %) | < 0.50 s |
| Starting time | < 0.5 s |

Dimensions & Weight

| Overall length | 92.00 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 | 65 °C | |
| Lifespan | | |
| Litespair | | |
| Number of switching cycles | 100000 | |

0.70

≥ 0.90

Additional product data

Lumen maintenance at end of service lifetime

Rated lamp survival factor at 6,000 h

| Base (standard designation) | B22d | |
|-----------------------------|--|--|
| Mercury content | 0.0 mg | |
| Mercury-free | Yes | |
| 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 | A++ 1) |
|-------------------------|----------------|
| Energy consumption | 3.00 kWh/1000h |
| Type of protection | IP20 |
| Standards | CE |

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

Country-specific categorizations

Order reference

| Energy labelling regulation data acc EU 2019/2015 | | |
|---|----------|--|
| Light source cap-type (or other electric interface) | B22d | |
| Length | 92.00 mm | |
| Height | 35.00 mm | |
| Width | 35.00 mm | |

LEDPCLB25 2,5W/

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 |
|-----|----------------------------|-------------------------------------|
| PDF | Declarations of conformity | Self-ballasted LED lamp A, B,P lamp |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075061750 | Folding box 1 | 39 mm x 39 mm x 109 mm | 30.00 g | 0.17 dm ³ |
| 4058075061767 | Shipping box 10 | 205 mm x 87 mm x 123 mm | 348.00 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.

DISCLAIMER

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