

PRODUCT FAMILY DATASHEET

PARATHOM Retrofit CLASSIC B DIM

Dimmable LED lamps, classic bulb shape



AREAS OF APPLICATION

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

PRODUCT BENEFITS

- Design, dimensions, luminous flux comparable to an incandescent lamp
- Very low energy consumption
- Robust against vibrations
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lamps with innovative LED "filament" technology

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Mercury-free lamps
- Lifetime: up to 15,000 h
- Beam angle: up to 300°



TECHNICAL DATA

| Product description | Electrical data | | Photometrical data | | | | | | Light technical data | | Dimensions & weight |
|---|-----------------|-----------------|--------------------|---|---------------------------|-------------------|---------------|--------------------------|----------------------|---------------|---------------------|
| | Nominal wattage | Nominal voltage | Color temperature | Lumen main.fact.at end of nom.life time | Light color (designation) | Color temperature | Luminous flux | Color rendering index Ra | Warm-up time (60 %) | Starting time | Overall length |
| P CLAS B 25 2.5 W/2700 K E14 ¹⁾ | 2.50 W | 220...240 V | 2700 K | 0.70 | Warm White | 2700 K | 250 lm | ≥80 | < 0.50 s | < 0.5 s | 100.0 mm |
| P CLAS B 25 3.3 W/2700 K E14 ¹⁾ | 3.30 W | 220...240 V | 2700 K | 0.70 | Warm White | 2700 K | 250 lm | ≥80 | < 0.50 s | < 0.5 s | 97.0 mm |
| P CLAS B 25 FR 3.3 W/2700 K E14 ¹⁾ | 3.30 W | 220...240 V | 2700 K | 0.70 | Warm White | 2700 K | 250 lm | ≥80 | < 0.50 s | < 0.5 s | 97.0 mm |
| P CLAS B 40 4.5 W/2700 K E14 ²⁾ | 4.50 W | 220...240 V | 2700 K | 0.70 | Warm White | 2700 K | 470 lm | ≥80 | < 0.50 s | < 0.5 s | 118.0 mm |
| P RF CLAS B 40 5 W/2700 K E14 ³⁾ | 5.00 W | 220...240 V | 2700 K | 0.70 | Warm White | 2700 K | 470 lm | ≥80 | < 1.00 s | < 0.5 s | 116.0 mm |
| P CLAS B 50 FR 6 W/2700 K E14 ³⁾ | 6.00 W | 220...240 V | 2700 K | 0.70 | Warm White | 2700 K | 640 lm | ≥80 | < 0.50 s | < 0.5 s | 118.0 mm |
| P CLAS B 40 5 W/2700 K E14 ²⁾ | 5.00 W | 220...240 V | 2700 K | 0.70 | Warm White | 2700 K | 470 lm | ≥80 | < 0.50 s | < 0.5 s | 97.0 mm |
| P CLAS B 40 FR 5 W/2700 K E14 ²⁾ | 5.00 W | 220...240 V | 2700 K | 0.70 | Warm White | 2700 K | 470 lm | ≥80 | < 0.50 s | < 0.5 s | 97.0 mm |
| P CLAS B 40 FR 5 W/2700 K B22d ²⁾ | 5.00 W | 220...240 V | 2700 K | 0.70 | Warm White | 2700 K | 470 lm | ≥80 | < 0.50 s | < 0.5 s | 92.0 mm |
| P CLAS B 40 CL 5 W/2700 K E27 ²⁾ | 5.00 W | 220...240 V | 2700 K | 0.70 | Warm White | 2700 K | 470 lm | ≥80 | < 0.50 s | < 0.5 s | 93.0 mm |
| P CLAS B 40 CL 5 W/2700 K E14 ²⁾ | 5.00 W | 220...240 V | 2700 K | 0.70 | Warm White | 2700 K | 470 lm | 97 | < 0.50 s | < 0.5 s | 112.0 mm |

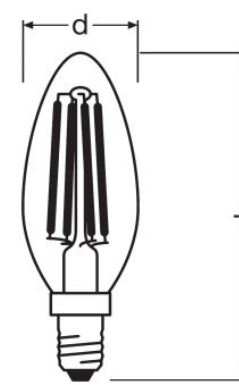
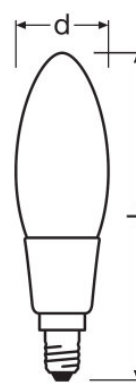
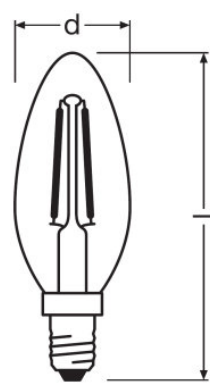
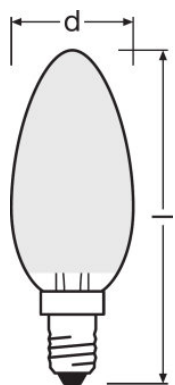
| Product description | Temperatures & operating conditions | Lifespan | | Additional product data | | Capabilities | Certificates & standards | |
|---|--------------------------------------|------------------------|----------------------------|-----------------------------|--------------|--------------|--------------------------|-------------------------|
| | Maximum temperature at tc test point | Nominal lamp life time | Number of switching cycles | Base (standard designation) | Mercury-free | Dimmable | Energy efficiency class | Energy efficiency class |
| P CLAS B 25 2.5 W/2700 K E14 ¹⁾ | 50 °C | 15000 h | 100000 | E14 | Yes | Yes | A++ | A++ |
| P CLAS B 25 3.3 W/2700 K E14 ¹⁾ | 50 °C | 15000 h | 100000 | E14 | Yes | Yes | A+ | A+ |
| P CLAS B 25 FR 3.3 W/2700 K E14 ¹⁾ | 50 °C | 15000 h | 100000 | E14 | Yes | Yes | A+ | A+ |
| P CLAS B 40 4.5 W/2700 K E14 ²⁾ | 65 °C | 20000 h | 100000 | E14 | Yes | Yes | A++ | A++ |
| P RF CLAS B 40 5 W/2700 K E14 ³⁾ | | 15000 h | 100000 | E14 | Yes | Yes | A+ | A+ |
| P CLAS B 50 FR 6 W/2700 K E14 ³⁾ | 65 °C | 15000 h | 100000 | E14 | Yes | Yes | A++ | A++ |
| P CLAS B 40 5 W/2700 K E14 ²⁾ | 50 °C | 15000 h | 100000 | E14 | Yes | Yes | A+ | A+ |
| P CLAS B 40 FR 5 W/2700 K E14 ²⁾ | 50 °C | 15000 h | 100000 | E14 | Yes | Yes | A+ | A+ |
| P CLAS B 40 FR 5 W/2700 K B22d ²⁾ | 65 °C | 15000 h | 100000 | B22d | Yes | Yes | A+ | A+ |
| P CLAS B 40 CL 5 W/2700 K E27 ²⁾ | 50 °C | 15000 h | 100000 | E27 | Yes | Yes | A+ | A+ |
| P CLAS B 40 CL 5 W/2700 K E14 ²⁾ | 50 °C | 15000 h | 100000 | E14 | Yes | Yes | A+ | A+ |

| Product description | Energy consumption | Country-specific categorizations |
|---|--------------------|----------------------------------|
| | | ILCOS |
| P CLAS B 25 2.5 W/2700 K E14 ¹⁾ | 3 kWh/1000h | DRBB/F-3,2-827-220-240-E14-25 |
| P CLAS B 25 3.3 W/2700 K E14 ¹⁾ | 4 kWh/1000h | |
| P CLAS B 25 FR 3.3 W/2700 K E14 ¹⁾ | 4 kWh/1000h | |
| P CLAS B 40 4.5 W/2700 K E14 ²⁾ | 5 kWh/1000h | DRBB/F-4,5/827-220-240-E14-35 |
| P RF CLAS B 40 5 W/2700 K E14 ³⁾ | 5 kWh/1000h | DRBB/F-5/827-220-240-E14-35 |
| P CLAS B 50 FR 6 W/2700 K E14 ³⁾ | 5 kWh/1000h | DRBB/F-5/827-220-240-E14-35 |
| P CLAS B 40 5 W/2700 K E14 ²⁾ | 5 kWh/1000h | |
| P CLAS B 40 FR 5 W/2700 K E14 ²⁾ | 5 kWh/1000h | |
| P CLAS B 40 FR 5 W/2700 K B22d ²⁾ | 5 kWh/1000h | DRBB/F-4,5-827-220-240-B22d-35 |
| P CLAS B 40 CL 5 W/2700 K E27 ²⁾ | 5 kWh/1000h | |
| P CLAS B 40 CL 5 W/2700 K E14 ²⁾ | 5 kWh/1000h | |

¹⁾ 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/LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance)

²⁾ 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 preparation

³⁾ 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

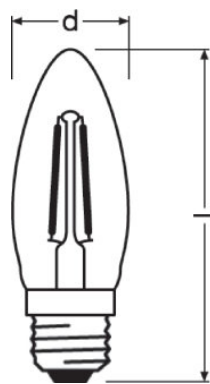


P CLAS B 25 2.5 W/2700 K E14, P CLAS B 25 FR 3.3 W/2700 K E14, P CLAS B 40 FR 5 W/2700 K E14

P CLAS B 25 3.3 W/2700 K E14

P CLAS B 40 4.5 W/2700 K E14, P RF CLAS B 40 5 W/2700 K E14, P CLAS B 50 FR 6 W/2700 K E14

P CLAS B 40 5 W/2700 K E14, P CLAS B 40 CL 5 W/2700 K E14



P CLAS B 40 FR 5 W/2700 K B22d

P CLAS B 40 CL 5 W/2700 K E27

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

LOGISTICAL DATA

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---------------|---------------------------------|------------------------------|--------------------------------------|----------------------|--------------|
| 4058075051881 | P CLAS B 25 2.5 W/2700 K E14 | Shipping carton box 10 | 205 mm x 87 mm x 123 mm | 2.19 dm ³ | 277.00 g |
| 4058075107540 | P CLAS B 25 3.3 W/2700 K E14 | Shipping carton box 10 | 205 mm x 87 mm x 123 mm | 2.19 dm ³ | 328.00 g |
| 4058075101135 | P CLAS B 25 FR 3.3 W/2700 K E14 | Shipping carton box 10 | 205 mm x 87 mm x 123 mm | 2.19 dm ³ | 328.00 g |
| 4058075817098 | P CLAS B 40 4.5 W/2700 K E14 | Shipping carton box 10 | 197 mm x 85 mm x 138 mm | 2.31 dm ³ | 416.00 g |
| 4052899959170 | P RF CLAS B 40 5 W/2700 K E14 | Shipping carton box 10 | 197 mm x 85 mm x 138 mm | 2.31 dm ³ | 391.00 g |
| 4058075101258 | P CLAS B 50 FR 6 W/2700 K E14 | Shipping carton box 10 | 205 mm x 87 mm x 123 mm | 2.19 dm ³ | 458.00 g |
| 4058075815018 | P CLAS B 50 FR 6 W/2700 K E14 | Shipping carton box 10 | 197 mm x 85 mm x 138 mm | 2.31 dm ³ | 416.00 g |
| 4058075101210 | P CLAS B 40 5 W/2700 K E14 | Shipping carton box 10 | 205 mm x 87 mm x 123 mm | 2.19 dm ³ | 328.00 g |
| 4058075101197 | P CLAS B 40 FR 5 W/2700 K E14 | Shipping carton box 10 | 205 mm x 87 mm x 123 mm | 2.19 dm ³ | 368.00 g |
| 4058075061811 | P CLAS B 40 FR 5 W/2700 K B22d | Shipping carton box 10 | 205 mm x 87 mm x 123 mm | 2.19 dm ³ | 334.00 g |
| 4058075101173 | P CLAS B 40 FR 5 W/2700 K B22d | Shipping carton box 10 | 205 mm x 87 mm x 123 mm | 2.19 dm ³ | 368.00 g |
| 4058075116252 | P CLAS B 40 CL 5 W/2700 K E27 | Shipping carton box 10 | 205 mm x 87 mm x 123 mm | 2.19 dm ³ | 368.00 g |
| 4058075134522 | P CLAS B 40 CL 5 W/2700 K E14 | Shipping carton box 10 | 205 mm x 87 mm x 123 mm | 2.19 dm ³ | 328.00 g |

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|--------------|---------------------|------------------------------|--------------------------------------|--------|--------------|
|--------------|---------------------|------------------------------|--------------------------------------|--------|--------------|

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.