

PRODUCT DATASHEET

P CLAS P 40 4.5 W/2700K E14

PARATHOM CLASSIC P DIM | Dimmable LED lamps, classic mini-ball shape



AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor applications only in suitable luminaires

PRODUCT BENEFITS

- Very long lifetime of up to 25,000 h
- Low energy consumption
- High color consistency thanks to narrow binning
- Easy replacement of classic lamps thanks to compact design

PRODUCT FEATURES

- LED alternative to conventional lamps
- Good quality of light; color rendering index $R_a: \geq 80$; constant chromaticity
- High color consistency: < 6 SDCM
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Mercury-free lamps



TECHNICAL DATA

Electrical data

| | |
|--|-------------|
| Rated wattage | 4.50 W |
| Nominal wattage | 4.50 W |
| Nominal voltage | 220...240 V |
| Max. lamp no. on circuit break. 10 A (B) | 100 |
| Max. lamp no. on circuit break. 16 A (B) | 160 |
| Operating frequency | 50...60 Hz |
| Power factor λ | > 0.70 |
| Claimed equiv. conventional lamp power | 40 W |

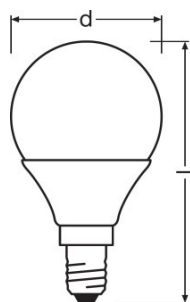
Photometrical data

| | |
|---|------------|
| Nominal luminous flux | 470 lm |
| Rated luminous flux | 470 lm |
| Lumen main.fact.at end of nom.life time | 0.70 |
| Light color (designation) | Warm White |
| Color temperature | 2700 K |
| Luminous flux | 470 lm |
| Color rendering index Ra | ≥80 |
| Standard deviation of color matching | ≤6 sdcn |
| Rated color temperature | 2700 K |
| Color rendering index Ra | ≥80 |

Light technical data

| | |
|---------------------|----------|
| Warm-up time (60 %) | < 1.00 s |
| Starting time | < 0.5 s |

Dimensions & weight



| | |
|----------------|---------|
| Overall length | 78.0 mm |
|----------------|---------|

| | |
|-------------------|---------|
| Diameter | 45.0 mm |
| Outer bulb | P45 |
| Length | 78.0 mm |

Temperatures & operating conditions

| | |
|---|--------------|
| Ambient temperature range | -20...+40 °C |
| Maximum temperature at tc test point | 99.8 °C |

Lifespan

| | |
|---|---------|
| Nominal lamp life time | 25000 h |
| Rated lamp life time | 25000 h |
| Number of switching cycles | 100000 |
| Lumen maintenance at end of service life | 0.70 |

Additional product data

| | |
|------------------------------------|---|
| Base (standard designation) | E14 |
| Mercury content | 0.0 mg |
| Mercury-free | Yes |
| Show WEEE picto | 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/In preparation |

Capabilities

| | |
|-----------------|-----|
| Dimmable | Yes |
|-----------------|-----|

Certificates & standards

| | |
|--------------------------------|-------------|
| Energy efficiency class | A++ |
| Energy consumption | 5 kWh/1000h |

Country-specific categorizations

| | |
|------------------------|-----------------|
| Order reference | LEDPCLP40D 4,5W |
|------------------------|-----------------|

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075462557 | Folding carton box 1 | 46 mm x 46 mm x 93 mm | 27.00 g | 0.20 dm ³ |
| 4058075462564 | Shipping carton box 10 | 240 mm x 101 mm x 108 mm | 328.00 g | 2.62 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 dimming conformity see

▶ www.ledvance.com/dim

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.