

PRODUCT DATASHEET

P PAR 16 50 36° 4.5 W/2700K E14

PARATHOM PAR16 | LED reflector lamps PAR16 with retrofit pin base



AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- Not dimmable
- Base: GU10
- Lamp made of glass
- Good quality of light; color rendering index $R_a: \geq 80$
- Lifetime: up to 15,000 h



TECHNICAL DATA

Electrical data

| | |
|--|-------------|
| Rated wattage | 4.50 W |
| Nominal wattage | 4.50 W |
| Nominal voltage | 220...240 V |
| Claimed equiv. conventional lamp power | 50 W |
| Max. lamp no. on circuit break. 10 A (B) | 20 |
| Max. lamp no. on circuit break. 16 A (B) | 32 |
| Operating frequency | 50...60 Hz |
| Power factor λ | > 0.40 |

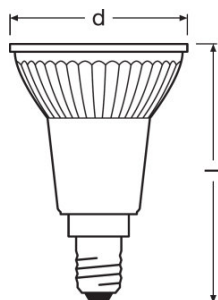
Photometrical data

| | |
|---|--------------|
| Luminous intensity [PIM] | 700 cd |
| Nominal luminous flux | 350 lm |
| Rated luminous flux | 350 lm |
| Lumen main.fact.at end of nom.life time | 0.70 |
| Light color (designation) | Warm White |
| Color temperature | 2700 K |
| Luminous flux | 350 lm |
| Color rendering index Ra | ≥ 80 |
| Standard deviation of color matching | ≤ 6 sdc |
| Rated color temperature | 2700 K |
| Color rendering index Ra | ≥ 80 |
| Nominal useful luminous flux 90° | 350 lm |
| Rated useful luminous flux 90° | 350 lm |
| Rated peak intensity | 650 cd |

Light technical data

| | |
|------------------------------------|----------|
| Beam angle | 36 ° |
| Warm-up time (60 %) | < 0.50 s |
| Starting time | < 0.5 s |
| Nominal beam angle | 36 ° |
| Rated beam angle (half peak value) | 36.00 ° |

Dimensions & weight



| | |
|-------------------------|---------|
| Overall length | 73.0 mm |
| Diameter | 50.0 mm |
| Outer bulb | PAR51 |
| Length | 73.0 mm |
| Maximum diameter | 50.0 mm |

Temperatures & operating conditions

| | |
|---|--------------|
| Ambient temperature range | -20...+40 °C |
| Maximum temperature at tc test point | 85 °C |

Lifespan

| | |
|-----------------------------------|---------|
| Nominal lamp life time | 10000 h |
| Rated lamp life time | 15000 h |
| Number of switching cycles | 100000 |

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 |

Capabilities

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

Certificates & standards

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

Country-specific categorizations

| | |
|------------------------|-----------------|
| Order reference | LPPAR165036 4,5 |
|------------------------|-----------------|

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075264342 | Folding carton box 1 | 51 mm x 51 mm x 88 mm | 60.00 g | 0.23 dm ³ |
| 4058075264359 | Shipping carton box 10 | 267 mm x 111 mm x 102 mm | 668.00 g | 3.02 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.