

PRODUCT DATASHEET

P PAR 20 50 36° 5 W/2700K E27

PARATHOM DIM PAR20 | Dimmable LED reflector lamps PAR20 with retrofit screw base



AREAS OF APPLICATION

- Display cabinets and shop windows
- Museums, art galleries
- Exhibition rooms
- Hospitality
- Residential interiors
- As a downlight for marking walkways, doors, stairs, etc.
- Outdoor applications only in suitable luminaires

PRODUCT BENEFITS

- Low energy consumption
- Easy replacement of halogen lamps thanks to compact design
- Instant 100 % light, no warm-up time

PRODUCT FEATURES

- Professional LED alternative to PAR20 lamps
- Good color rendering index $R_a: \geq 80$
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Mercury-free lamps



TECHNICAL DATA

Electrical data

| | |
|--|-------------|
| Rated wattage | 5.00 W |
| Nominal wattage | 5.00 W |
| Nominal voltage | 220...240 V |
| Claimed equiv. conventional lamp power | 50 W |
| Max. lamp no. on circuit break. 10 A (B) | 140 |
| Max. lamp no. on circuit break. 16 A (B) | 200 |
| Operating frequency | 50...60 Hz |
| Power factor λ | > 0.70 |

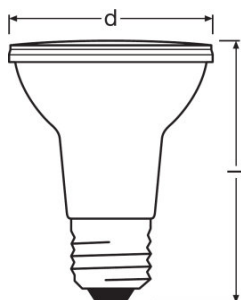
Photometrical data

| | |
|---|--------------|
| Nominal luminous flux | 345 lm |
| Rated luminous flux | 345 lm |
| Rated color temperature | 2700 K |
| Lumen main.fact.at end of nom.life time | 0.70 |
| Light color (designation) | Warm White |
| Color temperature | 2700 K |
| Luminous flux | 345 lm |
| Color rendering index Ra | ≥ 90 |
| Standard deviation of color matching | ≤ 6 sdc |
| Color rendering index Ra | ≥ 90 |
| Nominal useful luminous flux 90° | 345 lm |
| Rated useful luminous flux 90° | 345 lm |
| Rated peak intensity | 800 cd |

Light technical data

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|------------------------------------|----------|
| 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 | 78.0 mm |
| Diameter | 63.0 mm |
| Outer bulb | PAR64 |
| Length | 78.0 mm |
| Maximum diameter | 64.0 mm |

Temperatures & operating conditions

| | |
|---|-------|
| Maximum temperature at tc test point | 85 °C |
|---|-------|

Lifespan

| | |
|-----------------------------------|---------|
| Nominal lamp life time | 25000 h |
| Rated lamp life time | 25000 h |
| Number of switching cycles | 100000 |

Additional product data

| | |
|------------------------------------|--|
| Base (standard designation) | E27 |
| 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 | Yes |
|-----------------|-----|

Certificates & standards

| | |
|--------------------------------|----|
| Energy efficiency class | A+ |
|--------------------------------|----|

| | |
|--------------------|-------------|
| Energy consumption | 5 kWh/1000h |
|--------------------|-------------|

Country-specific categorizations

| | |
|-----------------|-----------------|
| Order reference | LPPAR20D5036 5W |
|-----------------|-----------------|

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075264267 | Folding carton box 1 | 66 mm x 66 mm x 92 mm | 122.00 g | 0.40 dm ³ |
| 4058075264274 | Shipping carton box 6 | 210 mm x 142 mm x 106 mm | 797.00 g | 3.16 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.