

PRODUCT DATASHEET

P PAR 38 120 30 ° 14.5 W/2700 K E27

PARATHOM® DIM PAR38 | Dimmable LED reflector lamps PAR38 with retrofit screw base



Areas of application

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

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
- Stepless dimming
- Very high dimmer compatibility, see also www.ledvance.com/dim
- Instant 100 % light, no warm-up time
- Lower energy consumption than incandescent or halogen lamps



Product features

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 6 SDCM
- Dimmable
- Base: E27
- Lamp made of glass
- Good quality of light; color rendering index CRI ≥ 80
- Lifetime up to 25,000 h

TECHNICAL DATA

Electrical data

| | |
|--|-------------|
| Nominal wattage | 14.5 W |
| Construction wattage | 14.50 W |
| Nominal voltage | 220...240 V |
| Claimed equiv. conventional lamp power | 120 W |
| Nominal current | 66 mA |
| Operating frequency | 50...60 Hz |
| Mains frequency | 50...60 Hz |
| Power factor λ | ≥ 0.70 |

Photometrical data

| | |
|---|---------------|
| Luminous intensity | 2500 cd |
| Luminous flux | 1200 lm |
| Nominal useful luminous flux 90° | 1035 lm |
| Luminous efficacy | 82 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 sdcn |
| Rated peak intensity | 2500 cd |
| Rated LLMF at 6,000 h | 0.80 |

Light technical data

| | |
|---------------------|------------|
| Beam angle | 30 ° |
| Warm-up time (60 %) | < 0.50 s |
| Starting time | < 0.5 s |

Dimensions & Weight

| | |
|------------------|-----------|
| Overall length | 134.00 mm |
| Diameter | 122.00 mm |
| Maximum diameter | 122 mm |
| Product weight | 350.00 g |

Temperatures & operating conditions

| | |
|---------------------------|--------------|
| Ambient temperature range | -20...+40 °C |
|---------------------------|--------------|

Lifespan

| | |
|--|--------|
| Number of switching cycles | 100000 |
| Lumen maintenance at end of service lifetime | 0.70 |
| Rated lamp survival factor at 6,000 h | ≥ 0.90 |

Additional product data

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

Certificates & Standards

| | |
|--|-----------------|
| Energy efficiency class | A ¹⁾ |
| Energy consumption | 15.00 kWh/1000h |
| Photobiological safety group acc. to EN62778 | RG1 |

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


Country-specific categorizations

| | |
|-----------------|-----------------|
| Order reference | LPPR38D12030 14 |
|-----------------|-----------------|

Energy labelling regulation data acc EU 2019/2015

| | |
|---|-----------|
| Light source cap-type (or other electric interface) | E27 |
| Length | 134.00 mm |
| Height | 122.00 mm |
| Width | 122.00 mm |

DOWNLOAD DATA

| Photometric and lighting design files | Document name |
|---|---------------------------------|
|  IES file (IES) | PARATHOM DIM PAR38 14.5 W 2700K |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075184558 | Folding box 1 | 127 mm x 129 mm x 170 mm | 450.00 g | 2.79 dm ³ |
| 4058075184565 | Shipping box 6 | 402 mm x 278 mm x 196 mm | 3069.00 g | 21.90 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.