

PRODUCT DATASHEET

LED PFM PAR16 10 ° 7.5 W/4000 K GU10

LED PERFORMANCE PAR16 | LED reflector lamps PAR16 with retrofit pin base



Areas of application

- Hospitality
- Restaurants
- Residential interiors
- Museums, art galleries

Product benefits

- Attractive lamp appearance
- Easy replacement of halogen lamps due to compact full glass design and single optic
- Good quality of light
- Creation of the preferred light ambience thanks to dimming
- Very high dimmer compatibility, see also www.ledvance.com/dim
- Very low energy consumption
- No UV and near-IR radiation in the light beam
- Reliable operation thanks to brand quality

Product features

- Single optic design
- Input voltage: 220...240 V_{AC}
- Mercury-free lamps
- Lifetime up to 25,000 h
- High color consistency: ≤ 6 SDCM



TECHNICAL DATA

Electrical data

| | |
|--|-------------|
| Nominal wattage | 7.5 W |
| Construction wattage | 7.50 W |
| Nominal voltage | 220...240 V |
| Claimed equiv. conventional lamp power | 50 W |
| Nominal current | 46 mA |
| Type of current | AC |
| Operating frequency | 50/60 Hz |
| Mains frequency | 50/60 Hz |
| Power factor λ | 0.70 |

Photometrical data

| | |
|---|---------------------|
| Luminous intensity | 4000 cd |
| Luminous flux | 500 lm |
| Nominal useful luminous flux 90° | 420 lm |
| Luminous efficacy | 66 lm/W |
| Lumen main.fact.at end of nom.life time | 0.70 |
| Light color (designation) | Cool White |
| Color temperature | 4000 K |
| Color rendering index Ra | 90 |
| Light color | 940 |
| Standard deviation of color matching | ≤5 sdc _m |
| Rated peak intensity | 4000 cd |

Light technical data

| | |
|---------------|-------|
| Beam angle | 10 ° |
| Starting time | 0.5 s |

Dimensions & Weight

| | |
|----------------|----------|
| Overall length | 55.00 mm |
|----------------|----------|

| | |
|------------------|----------|
| Diameter | 50.00 mm |
| Maximum diameter | 50 mm |
| Product weight | 57.5 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 |

Additional product data

| | |
|-----------------------------|--|
| Base (standard designation) | GU10 |
| 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⁾ |
| Type of protection | IP20 |
| Standards | CB / EMC / RoHS |

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

Country-specific categorizations

| | |
|-----------------|-----------------|
| Order reference | LPPAR165010 7,5 |
|-----------------|-----------------|

Energy labelling regulation data acc EU 2019/2015

| | |
|---|----------|
| Light source cap-type (or other electric interface) | GU10 |
| Length | 55.00 mm |
| Height | 50.00 mm |
| Width | 50.00 mm |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075601734 | Folding box 1 | 49 mm x 49 mm x 62 mm | 64.50 g | 0.15 dm ³ |
| 4058075601741 | Shipping box 10 | 255 mm x 107 mm x 72 mm | 698.00 g | 1.96 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.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.