

# PRODUCT DATASHEET

## PAR16 100 36 ° 10 W/3000 K GU10

LED PAR16 HIGH BRIGHTNESS PFM | 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 design and single optic design
- Good quality of light
- Creation of the preferred light ambience thanks to dimming
- Very high dimmer compatibility, see also [www.ledvance.com/dim](http://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

- Very good color rendering (CRI: 95, R9: 90, Rg: 100, Rf: 90)
- High color consistency:  $\leq 5$  sdcm
- Single optic design
- Input voltage: 220...240 V<sub>AC</sub>
- Mercury-free lamps



- Lifetime up to 40,000 h
- Dimmable
- Temperature-protected

TECHNICAL DATA

Electrical data

|  |             |
|--|-------------|
| Nominal wattage                        | 10 W        |
| Construction wattage                   | 10.00 W     |
| Nominal voltage                        | 220...240 V |
| Claimed equiv. conventional lamp power | 100 W       |
| Nominal current                        | 48 mA       |
| Power factor $\lambda$                 | 0.92        |

Photometrical data

|                                      |                           |
|--------------------------------------|---------------------------|
| Luminous intensity                   | 2150 cd                   |
| Luminous flux                        | 830 lm                    |
| Luminous efficacy                    | 83 lm/W                   |
| Color temperature                    | 3000 K                    |
| Color rendering index Ra             | 95                        |
| Light color                          | 930                       |
| Standard deviation of color matching | $\leq 5$ sdc <sub>m</sub> |
| Rated peak intensity                 | 2150 cd                   |

Light technical data

|                     |            |
|---------------------|------------|
| Beam angle          | 36 °       |
| Warm-up time (60 %) | $< 0.50$ s |
| Starting time       | $< 0.5$ s  |

Dimensions & Weight

|                  |          |
|------------------|----------|
| Overall length   | 75.30 mm |
| Diameter         | 50.00 mm |
| Maximum diameter | 50 mm    |
| Product weight   | 106.00 g |

Temperatures & operating conditions

|                           |              |
|---------------------------|--------------|
| Ambient temperature range | -20...+45 °C |
|---------------------------|--------------|

Lifespan

|                            |        |
|----------------------------|--------|
| Number of switching cycles | 100000 |
|----------------------------|--------|

Additional product data

|                             |        |
|-----------------------------|--------|
| Base (standard designation) | GU10   |
| Mercury content             | 0.0 mg |
| Mercury-free                | Yes    |

Capabilities

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

Certificates & Standards

|                         |   |
|-------------------------|---|
| Energy efficiency class | G |
|-------------------------|---|

Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | LPPR1611036 10W |
|-----------------|-----------------|

Energy labelling regulation data acc EU 2019/2015

|   |          |
|---|----------|
| Light source cap-type (or other electric interface) | GU10     |
| Length  | 75.30 mm |
| Height  | 50.00 mm |
| Width   | 50.00 mm |

DOWNLOAD DATA

| Photometric and lighting design files   |                | Document name   |
|---|----------------|-----------------|
|  | IES file (IES) | PAR16 110 P 10W |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume   |
|---------------|------------------------------|--------------------------------------|--------------|----------|
| 4099854262920 | Folding box<br>1             | 52 mm x 52 mm x 81 mm                | 126.00 g     | 0.22 dm³ |
| 4099854262937 | Shipping box<br>10           | 273 mm x 113 mm x 96 mm              | 1388.00 g    | 2.96 dm³ |

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume    |
|---------------|------------------------------|--------------------------------------|--------------|-----------|
| 4099854262944 | Shipping box<br>60           | 284 mm x 239 mm x 309 mm             | 8714.00 g    | 20.97 dm³ |

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.