# PRODUCT DATASHEET
# PPRO PAR 16 50 36° 6.5 W/4000 K GU10 DIM

**PARATHOM PRO PAR16 | Dimmable LED reflector lamps PAR16 with retrofit pin base**



## AREAS OF APPLICATION

- Shops
- Hospitality
- Museums, art galleries
- Residential interiors
- As a downlight for marking walkways, doors, stairs, etc.
- Spotlighting for accents
- Display cabinets and shop windows
- Spotlighting heat-sensitive objects such as food, plants, etc.

## PRODUCT BENEFITS

- Short payback period thanks to low energy consumption and maintenance costs
- Premium light quality thanks to high color rendering index and narrow binning
- Easy replacement of halogen lamps due to compact full glass design and single optic

## PRODUCT FEATURES

- Professional LED alternative to high voltage halogen lamps
- Very high color rendering ($R_a$: 90)
- Very high color consistency: ≤ 3 SDCM
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Made in Germany (versions up to 35 W)
- Mercury-free lamps


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## TECHNICAL DATA

### Electrical data

| | |
|---|---|
| **Rated wattage** | 6.50 W |
| **Nominal wattage** | 6.50 W |
| **Nominal voltage** | 220…240 V |
| **Claimed equiv. conventional lamp power** | 50 W |
| **Operating frequency** | 50…60 Hz |
| **Power factor λ** | > 0.80 |

### Photometrical data

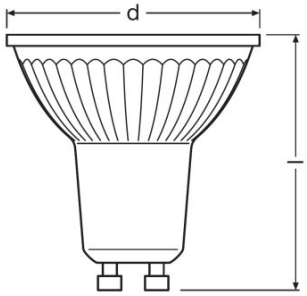
| | |
|---|---|
| **Nominal luminous flux** | 350 lm |
| **Rated luminous flux** | 350 lm |
| **Rated color temperature** | 4000 K |
| **Lumen main.fact.at end of nom.life time** | 0.70 |
| **Light color (designation)** | Cool White |
| **Color temperature** | 4000 K |
| **Luminous flux** | 350 lm |
| **Color rendering index Ra** | 97 |
| **Standard deviation of color matching** | ≤3 sdcm |
| **Color rendering index Ra** | 97 |
| **Nominal useful luminous flux 90°** | 350 lm |
| **Rated useful luminous flux 90°** | 350 lm |
| **Rated peak intensity** | 880 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 ° |


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## Dimensions & weight




| | |
|---|---|
| **Overall length** | 55.0 mm |
| **Diameter** | 51.0 mm |
| **Outer bulb** | PAR51 |
| **Length** | 55.0 mm |
| **Maximum diameter** | 51.0 mm |

## Lifespan

| | |
|---|---|
| **Nominal lamp life time** | 40000 h |
| **Rated lamp life time** | 40000 h |
| **Number of switching cycles** | 100000 |

## Additional product data

| | |
|---|---|
| **Base (standard designation)** | GU10 |
| **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 efficiency class** | A |
| **Energy consumption** | 7 kWh/1000h |


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## Country-specific categorizations

| | |
|---|---|
| **Order reference** | LPPAR16D5036 6, |

## LOGISTICAL DATA

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---|---|---|---|---|---|
| 4058075095304 | PPRO PAR 16 50 36° 6.5 W/4000 K GU10 DIM | Shipping carton box 10 | 255 mm x 107 mm x 72 mm | 1.96 $dm^3$ | 610.00 g |

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

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