

---

# Product datasheet

## PP PAR16 6.5 W/930 GU10

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



- Shops and exhibition rooms Domestic applications  
Commercial applications Accent lighting Outdoor use in  
outdoor luminaires only (minimum IP65)

- 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](http://www.ledvance.com/dim)" Instant 100 % light, no warm-up time



## Product datasheet

---

### 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  |
| Nominal current                        | 0.035 A     |

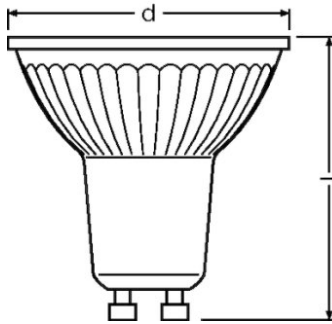
#### Photometrical data

|   |            |
|---|------------|
| Nominal luminous flux                   | 350 lm     |
| Rated luminous flux                     | 350 lm     |
| Rated color temperature                 | 3000 K     |
| Color rendering index Ra                | 97         |
| Light color (designation)               | Warm White |
| Standard deviation of color matching    | ≤3 sdcM    |
| Nominal useful luminous flux 90°        | 350 lm     |
| Rated useful luminous flux 90°          | 350 lm     |
| Rated peak intensity                    | 880 cd     |
| Color temperature                       | 3000 K     |
| Luminous flux                           | 350 lm     |
| Lumen main.fact.at end of nom.life time | 0.70       |

#### Light technical data

|                                    |         |
|------------------------------------|---------|
| Beam angle                         | 36 °    |
| Nominal beam angle                 | 36 °    |
| Rated beam angle (half peak value) | 36.00 ° |
| Starting time                      | < 0.5 s |

Dimensions & weight



|                  |         |
|------------------|---------|
| Overall length   | 55.0 mm |
| Diameter         | 51.0 mm |
| Outer bulb       | PAR51   |
| Product weight   | 48.00 g |
| Length           | 55.0 mm |
| Maximum diameter | 51.0 mm |

Temperatures & operating conditions

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

Lifespan

|  |         |
|--|---------|
| Nominal lamp life time                   | 40000 h |
| Rated lamp life time                     | 40000 h |
| Number of switching cycles               | 1000000 |
| Lumen maintenance at end of service life | 0.70    |

Additional product data

|                                   |  |
|-----------------------------------|--|
| Base (standard designation)       | GU10   |
| Mercury content                   | 0.0 mg   |
| Mercury-free                      | Yes  |
| Appropriate disposal acc. to WEEE | Yes  |
| Successor EAN                     | 4058075448704  |
| 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 |

## Product datasheet

|                 |               |
|-----------------|---------------|
| Predecessor EAN | 4052899957862 |
|-----------------|---------------|

### Capabilities

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

### Certificates & standards

|                         |             |
|-------------------------|-------------|
| Energy efficiency class | A           |
| Energy consumption      | 7 kWh/1000h |
| Type of protection      | IP20        |

### Country specific categorizations

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

### Environmental information

| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) |               |
|---|---------------|
| Date of Declaration   | 18-04-2022    |
| Primary Article Identifier  | 4058075095403 |
| Declaration No. in SCIP database                                      | In work       |

#### Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

#### Logistical Data

| Product code  | Product description     | Packaging unit (Pieces/Unit)                           | Dimensions (length x width x height) | Volume               | Gross weight |
|---------------|-------------------------|--|--------------------------------------|----------------------|--------------|
| 4058075095403 | PP PAR16 6.5 W/930 GU10 | Shipping carton box<br>10 Pieces Folding<br>carton box | 255 mm x 107 mm x<br>72 mm           | 1.96 dm <sup>3</sup> | 595.00 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.osram.com/DIM](http://www.osram.com/DIM)

## Product datasheet

For further products and actual information concerning LED lamps see

▶ [www.osram.com/ledlamps](http://www.osram.com/ledlamps)

For Guarantee see

▶ [www.osram.com/guarantee](http://www.osram.com/guarantee)

---

### Disclaimer

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

OSRAM is distribution partner  
of LEDVANCE of LAMPS

**OSRAM**

OSRAM GmbH  
Marcel-Breuer-Strasse 6  
80807 Munich, Germany