# PRODUCT DATASHEET
# ST PAR 16 35 36° 3.3 W/2700 K GU10

## LED STAR PAR16 | 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
- Spotlighting heat-sensitive objects such as food, plants, etc.
- Outdoor applications only in suitable luminaires

### PRODUCT BENEFITS

- Low energy consumption
- Easy replacement of halogen lamps due to compact full glass design and single optic
- Instant 100 % light, no warm-up time
- Ideal for economical spotlighting

### PRODUCT FEATURES

- LED alternative to conventional high voltage lamps
- Mercury-free lamps
- Made in Germany




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## TECHNICAL DATA

### Electrical data

| | |
|---|---|
| **Rated wattage** | 3.30 W |
| **Nominal wattage** | 3.30 W |
| **Nominal voltage** | 220…240 V |
| **Claimed equiv. conventional lamp power** | 35 W |
| **Max. lamp no. on circuit break. 10 A (B)** | 20 |
| **Max. lamp no. on circuit break. 16 A (B)** | 32 |
| **Operating frequency** | 50…60 Hz |
| **Power factor λ** | > 0.40 |

### Photometrical data

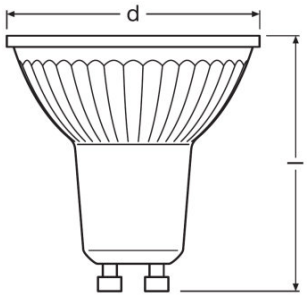
| | |
|---|---|
| **Luminous intensity [PIM]** | 565 cd |
| **Nominal luminous flux** | 230 lm |
| **Rated luminous flux** | 230 lm |
| **Rated color temperature** | 2700 K |
| **Lumen main.fact.at end of nom.life time** | 0.70 |
| **Light color (designation)** | Warm White |
| **Color temperature** | 2700 K |
| **Luminous flux** | 230 lm |
| **Color rendering index Ra** | ≥80 |
| **Standard deviation of color matching** | ≤6 sdcm |
| **Color rendering index Ra** | ≥80 |
| **Nominal useful luminous flux 90°** | 230 lm |
| **Rated useful luminous flux 90°** | 230 lm |
| **Rated peak intensity** | 500 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 |

## Temperatures & operating conditions

| | |
|---|---|
| **Maximum temperature at tc test point** | 70 °C |

## Lifespan

| | |
|---|---|
| **Nominal lamp life time** | 15000 h |
| **Rated lamp life time** | 15000 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** | No |

## Certificates & standards

| | |
|---|---|
| **Energy efficiency class** | A+ |

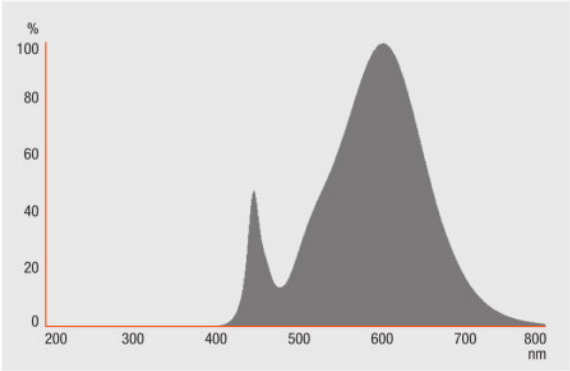

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| | |
|---|---|
| **Energy efficiency class** | A+ |
| **Energy consumption** | 4 kWh/1000h |

## Country-specific categorizations

| | |
|---|---|
| **ILCOS** | DRPAR-2,6/840-220-240-GU10-50/36 |
| **Order reference** | LSPAR163536 3,3 |

## Light Distribution




Spectral power distribution

## LOGISTICAL DATA

| Product code | Product description | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Volume | Gross weight |
|---|---|---|---|---|---|
| 4052899388178 | ST PAR 16 35 36° 3.3 W/2700 K GU10 | Shipping carton box 20 | 290 mm x 254 mm x 134 mm | 9.87 $dm^3$ | 1164.00 g |
| 4052899388192 | ST PAR 16 35 36° 3.3 W/2700 K GU10 | Shipping carton box 30 | 506 mm x 148 mm x 199 mm | 14.90 $dm^3$ | 1658.00 g |
| 4052899958036 | ST PAR 16 35 36° 3.3 W/2700 K GU10 | Shipping carton box 10 | 290 mm x 254 mm x 134 mm | 9.87 $dm^3$ | 720.00 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 further products and actual information concerning LED lamps see


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- www.ledvance.com/ledlamps

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- www.ledvance.com/guarantee

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