

PRODUCT DATASHEET

LED ECO PAR 16 36 ° 5 W/6500 K GU10

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



Areas of application

- Hospitality
- Restaurants
- Residential interiors

Product benefits

- Uniform illumination thanks to TIR-reflector and fly eye single optic design
- Clear cast shadows for brilliant accent light
- Energy savings of up to 93 % (compared to halogen lamps)
- High color homogeneity
- Easy replacement of halogen lamps thanks to compact design
- Quick and simple LED conversion without modification of the existing installation
- No UV and near-IR radiation in the light beam
- Reliable operation thanks to brand quality

Product features

- High-quality LED replacement for halogen reflector lamps
- High color consistency: < 6 SDCM
- Mercury-free lamps



TECHNICAL DATA

Electrical data

| | |
|--|-------------|
| Nominal wattage | 5 W |
| Construction wattage | 5.00 W |
| Nominal voltage | 220...240 V |
| Claimed equiv. conventional lamp power | 50 W |
| Nominal current | 42 mA |
| Type of current | AC |
| Operating frequency | 50/60 Hz |
| Mains frequency | 50/60 Hz |
| Power factor λ | 0.50 |

Photometrical data

| | |
|---|----------|
| Luminous flux | 400 lm |
| Nominal useful luminous flux 90° | 370 lm |
| Luminous efficacy | 80 lm/W |
| Lumen main.fact.at end of nom.life time | 0.70 |
| Light color (designation) | Daylight |
| Color temperature | 6500 K |
| Color rendering index Ra | ≥80 |
| Light color | 865 |
| Standard deviation of color matching | ≤6 sdcn |

Light technical data

| | |
|---------------|---------|
| Beam angle | 36 ° |
| Starting time | < 0.5 s |

Dimensions & Weight

| | |
|------------------|----------|
| Overall length | 54.00 mm |
| Diameter | 50.00 mm |
| Maximum diameter | 50 mm |
| Product weight | 27.00 g |

Temperatures & operating conditions

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

Lifespan

| | |
|--|-------|
| Number of switching cycles | 50000 |
| Lumen maintenance at end of service lifetime | 0.70 |

Additional product data

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

Capabilities

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Certificates & Standards

| | |
|--|-----------|
| Energy efficiency class | A+ |
| Type of protection | IP20 |
| Standards | CB / ROHS |
| Photobiological safety group acc. to EN62778 | RG1 |

Country-specific categorizations

| | |
|-----------------|-----------------|
| Order reference | LEPAR165036 5W/ |
|-----------------|-----------------|

Energy labelling regulation data acc EU 2019/2015

| | |
|---|----------|
| Light source cap-type (or other electric interface) | GU10 |
| Length | 54.00 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 |
|---------------|------------------------------|--------------------------------------|--------------|----------|
| 4058075747630 | Folding box 3 | 136 mm x 51 mm x 61 mm | 94.00 g | 0.42 dm³ |
| 4058075747647 | Shipping box 15 | 265 mm x 150 mm x 80 mm | 1193.00 g | 3.18 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.