

PRODUCT DATASHEET

LED CCT SELECTABLE PAR16 50 ° 6 W/3000 K / 4500 K / 6500 K GU10

LED PERFORMANCE SPOT PAR16 TRI CCT | LED reflector lamps PAR16 and TruWave



Areas of application

- Hospitality
- Restaurants
- Residential interiors
- Museums, art galleries

Product benefits

- TRI Colour 3000K/4500K/6500K
- LED lamps with innovative TruWave Technology™
- Support sleep/wake cycle thanks mimic of the natural light spectrum
- The balanced blue light spectrum can support attention, reaction time and mood
- Low energy consumption

Product features

- Color rendering index R_a : ≥ 80
- Lifetime up to 15,000 h
- Mercury-free lamps



TECHNICAL DATA

Electrical data

| | |
|--|-------------|
| Nominal wattage | 6 W |
| Construction wattage | 6.00 W |
| Nominal voltage | 220...240 V |
| Claimed equiv. conventional lamp power | 40 W |
| Nominal current | 45 mA |
| Type of current | AC |
| Operating frequency | 50/60 Hz |
| Mains frequency | 50/60 Hz |
| Power factor λ | > 0.50 |

Photometrical data

| | |
|---|--------------------------|
| Luminous flux | 480 lm |
| Nominal useful luminous flux 90° | 480 lm |
| Luminous efficacy | 80 lm/W |
| Lumen main.fact.at end of nom.life time | 0.70 |
| Color temperature | 3000 K / 4500 K / 6500 K |
| Color rendering index Ra | > 80 |
| Light color | 830/845/865 |
| Standard deviation of color matching | ≤6 sdcn |

Light technical data

| | |
|---------------|---------|
| Beam angle | 50 ° |
| Starting time | < 0.5 s |

Dimensions & Weight

| | |
|------------------|----------|
| Overall length | 60.00 mm |
| Diameter | 50.00 mm |
| Maximum diameter | 50 mm |
| Product weight | 40.00 g |

Temperatures & operating conditions

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

Lifespan

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

Additional product data

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

Capabilities

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

Certificates & Standards

| | |
|--|------|
| Type of protection | IP20 |
| Standards | CB |
| Photobiological safety group acc. to EN62778 | RG1 |




Country-specific categorizations

| | |
|-----------------|-----------------|
| Order reference | LPPAR1635506W/8 |
|-----------------|-----------------|

Energy labelling regulation data acc EU 2019/2015

| | |
|---|----------|
| Light source cap-type (or other electric interface) | GU10 |
| Length | 60.00 mm |
| Height | 50.00 mm |
| Width | 50.00 mm |

DOWNLOAD DATA

| Photometric and lighting design files | | Document name |
|--|-------------------------------------|----------------|
|  | IES file (IES) | PAR16 6W 3000K |
|  | LDT file (Eulumdat) | PAR16 6W 3000K |
|  | Light distribution curve type polar | PAR16 6W 3000K |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4099854082221 | Folding box 1 | 52 mm x 52 mm x 65 mm | 57.00 g | 0.18 dm ³ |
| 4099854082238 | Shipping box 10 | 276 mm x 115 mm x 82 mm | 630.00 g | 2.60 dm ³ |

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.