

## PRODUCT DATASHEET

# LED VALUE PAR 16 50 36 ° 4.5 W/6500 K GU10

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



### Areas of application

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

### Product benefits

- Attractive lamp appearance
- Easy replacement of halogen lamps due to compact full glass design and single optic
- Clear cast shadows for brilliant accent light
- Uniform illumination thanks to TIR-reflector and fly eye single optic design
- Energy savings of up to 91 % (compared to halogen lamps)
- High color consistency thanks to narrow binning
- No UV and near-IR radiation in the light beam
- Reliable operation thanks to brand quality

### Product features

- Lamp made of glass
- High color consistency: < 6 SDCM
- Input voltage: 220...240 V<sub>AC</sub>



- Lifetime: up to 15,000 h
- Not dimmable
- Mercury-free lamps

## TECHNICAL DATA

### Electrical data

Nominal wattage	4.5 W
Construction wattage	4.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	50 W
Nominal current	41 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor $\lambda$	0.50

### Photometrical data

Luminous intensity	800 cd
Luminous flux	420 lm
Luminous efficacy	93 lm/W
Light color (designation)	Daylight
Color temperature	6500 K
Color rendering index Ra	80
Light color	865
Standard deviation of color matching	$\leq 6$ sdc <sub>m</sub>
Rated peak intensity	800 cd

### Light technical data

Beam angle	36 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

### Dimensions & Weight

Overall length	54.00 mm
Diameter	50.00 mm
Maximum diameter	50 mm
Product weight	39.5 g

### Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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**Lifespan**

Number of switching cycles	100000
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**Additional product data**

Base (standard designation)	GU10
Mercury content	0.0 mg
Mercury-free	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
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**Certificates & Standards**

Energy efficiency class	G 1)
Type of protection	IP20
Standards	CE / EAC

1) Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

**Country-specific categorizations**

Order reference	LVPAR165036 4,5
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**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
4058075588394	Folding box 1	49 mm x 49 mm x 62 mm	48.00 g	0.15 dm <sup>3</sup>
4058075588400	Shipping box 10	255 mm x 107 mm x 72 mm	533.00 g	1.96 dm <sup>3</sup>
4099854263071	Shipping box 10	255 mm x 107 mm x 72 mm	518.00 g	1.96 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
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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.

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