

PRODUCT DATASHEET

VALUE PAR 16 50 36° 5 W/2700K GU10

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



AREAS OF APPLICATION

- Spotlighting for accents
- Domestic applications
- Spotlighting heat-sensitive objects such as food, plants, etc.
- Outdoor applications only in suitable luminaires
- As a downlight for marking walkways, doors, stairs, etc.
- Atmospheric accent lighting throughout the home
- All domestic rooms, especially where the lamps are visible

PRODUCT BENEFITS

- Ideal for economical spotlighting
- Alternative to line-voltage halogen lamps
- Very low energy consumption
- No UV and near-IR radiation in the light beam
- Shockproof and vibration-proof thanks to LED technology
- Professional thermal management

PRODUCT FEATURES

- LED lamps for line voltage
- Not dimmable
- Base: GU10
- Mercury-free lamps
- Lifetime: up to 15,000 h



TECHNICAL DATA

Electrical data

Rated wattage	5.00 W
Nominal wattage	5.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	50 W
Max. lamp no. on circuit break. 10 A (B)	170
Max. lamp no. on circuit break. 16 A (B)	280
Operating frequency	50...60 Hz
Power factor λ	> 0.50

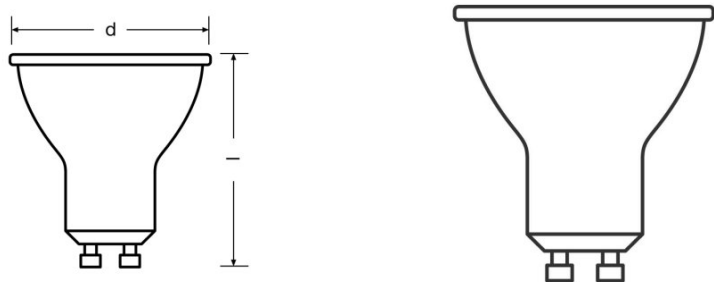
Photometrical data

Luminous intensity [PIM]	900 cd
Nominal luminous flux	350 lm
Rated luminous flux	350 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	350 lm
Color rendering index Ra	≥ 80
Standard deviation of color matching	≤ 6 sdc
Rated color temperature	2700 K
Color rendering index Ra	≥ 80
Nominal useful luminous flux 90°	345 lm
Rated useful luminous flux 90°	345 lm
Rated peak intensity	850 cd
Nom. useful luminous flux 120°	370 lm
Rated useful luminous flux 120°	370 lm

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 °

Dimensions & weight



Overall length	53.0 mm
Diameter	50.0 mm
Outer bulb	PAR51
Length	53.0 mm
Maximum diameter	50.0 mm

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	82 °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
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Certificates & standards

Energy efficiency class	A+
Energy consumption	5 kWh/1000h

Country-specific categorizations

ILCOS	DRPAR-4,7/827-220/240-GU10-50/36
Order reference	LVPAR165036 5W/

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075198586	Folding carton box 1	51 mm x 51 mm x 62 mm	42.00 g	0.16 dm ³
4058075198593	Shipping carton box 10	261 mm x 108 mm x 74 mm	491.00 g	2.09 dm ³
4058075198609	Shipping carton box 80	446 mm x 275 mm x 173 mm	4452.00 g	21.22 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.