

PRODUCT DATASHEET

PAR 16 110 36 ° 10 W/3000 K GU10

LED PERFORMANCE PAR16 HIGH BRIGHTNESS | 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 design and single optic design
- Good quality of light
- Creation of the preferred light ambience thanks to dimming
- Very high dimmer compatibility, see also www.ledvance.com/dim
- Very low energy consumption
- No UV and near-IR radiation in the light beam
- Reliable operation thanks to brand quality

Product features



- Very good color rendering (CRI: 95, R9: 90, Rg: 100, Rf: 90)
- High color consistency: ≤ 5 SDCM
- Single optic design
- Input voltage: 220...240 V_{AC}
- Mercury-free lamps
- Lifetime: up to 40,000 h



TECHNICAL DATA

Electrical data

Nominal wattage	10 W
Construction wattage	10.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	110 W
Nominal current	47 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor λ	0.92

Photometrical data

Luminous flux	830 lm
Nominal useful luminous flux 90°	830 lm
Luminous efficacy	83 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	3000 K
Color rendering index Ra	95
Light color	930
Standard deviation of color matching	≤ 5 sdcM

Light technical data

Beam angle	36 °
Starting time	< 0.5 s
Rated beam angle (half peak value)	36.00 °

Dimensions & Weight

Overall length	77.30 mm
Diameter	49.50 mm
Maximum diameter	50 mm
Product weight	107.00 g

Temperatures & operating conditions

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

Lifespan	40000 h
Number of switching cycles	>100000

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	Yes
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Certificates & Standards

Energy efficiency class	A+ ¹⁾
Standards	CB / EMC / RoHS

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

Country-specific categorizations

Order reference	LPPAR161103610W
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GU10
Length	77.30 mm
Height	49.50 mm
Width	49.50 mm

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IES file (IES)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075415850	Folding box 1	52 mm x 52 mm x 81 mm	127.00 g	0.22 dm ³
4058075415867	Shipping box 10	273 mm x 113 mm x 96 mm	1398.00 g	2.96 dm ³
4058075415874	Shipping box 60			

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.