PRODUCT DATASHEET
P PAR 16 80 120° 6.9 W/2700K GU10

PARATHOM PAR16 | LED reflector lamps PAR16 with retrofit pin base



AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- Not dimmable
- Base: GU10
- Lamp made of glass
- Good quality of light; color rendering index R_a: ≥ 80
- Lifetime: up to 15,000 h



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TECHNICAL DATA

Electrical data

Rated wattage	6.90 W
Nominal wattage	6.90 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	80 W
Max. lamp no. on circuit break. 10 A (B)	59
Max. lamp no. on circuit break. 16 A (B)	97
Operating frequency	50…60 Hz
Power factor λ	> 0.50

Photometrical data

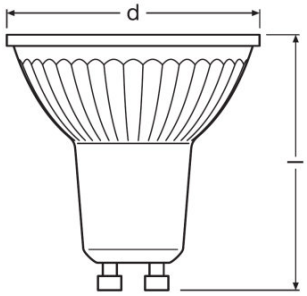
Luminous intensity [PIM]	180 cd
Nominal luminous flux	575 lm
Rated luminous flux	575 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	575 lm
Color rendering index Ra	≥80
Standard deviation of color matching	≤6 sdcm
Rated color temperature	2700 K
Nominal useful luminous flux 90°	575 lm
Rated useful luminous flux 90°	575 lm
Rated peak intensity	210 cd

Light technical data

Beam angle	120 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Nominal beam angle	120 °
Rated beam angle (half peak value)	120.00 °

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Dimensions & weight



Overall length	55.0 mm
Diameter	51.0 mm
Outer bulb	PAR51
Length	55.0 mm
Maximum diameter	51.0 mm

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	104 °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

Certificates & standards

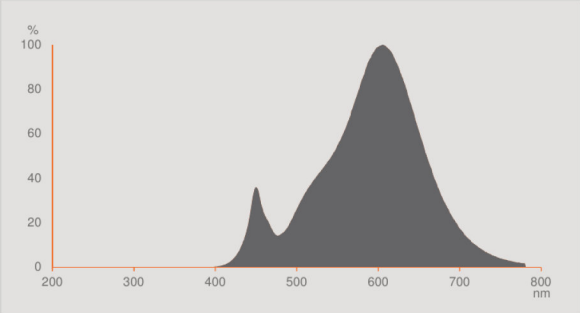
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Energy efficiency class	A+
Energy consumption	7 kWh/1000h

Country-specific categorizations

ILCOS	DRPAR-6,9/827-220-240-GU10-50/120
Order reference	LPPAR1680120 6,

Light Distribution



Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075815872	Folding carton box 1	49 mm x 49 mm x 62 mm	55.00 g	0.15 dm³
4058075815889	Shipping carton box 10	257 mm x 110 mm x 70 mm	542.00 g	1.98 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.

REFERENCES / LINKS

For further products and actual information concerning LED lamps see

- www.ledvance.com/ledlamps

For Guarantee see

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- www.ledvance.com/guarantee

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