PRODUCT DATASHEET
P PAR16 100 36° 9.1 W/4000 K GU10

PARATHOM PAR16 | LED reflector lamps PAR16 with retrofit pin base



AREAS OF APPLICATION

- Shops
- Hospitality
- Museums, art galleries
- Residential interiors
- As a downlight for marking walkways, doors, stairs, etc.
- Spotlighting for accents
- Display cabinets and shop windows
- Spotlighting heat-sensitive objects such as food, plants, etc.
- Outdoor applications only in suitable luminaires

PRODUCT BENEFITS

- Low energy consumption
- Easy replacement of halogen lamps due to compact full glass design and single optic
- Instant 100 % light, no warm-up time
- Ideal for economical spotlighting

PRODUCT FEATURES

- Professional LED alternative to high voltage halogen lamps
- Mercury-free lamps
- Made in Germany



© 2018, LEDVANCE GmbH. All rights reserved.

TECHNICAL DATA

Electrical data

Rated wattage	9.10 W
Nominal wattage	9.10 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	100 W
Operating frequency	50…60 Hz
Power factor λ	> 0.80

Photometrical data

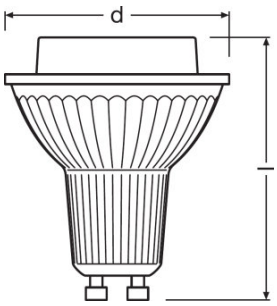
Nominal luminous flux	750 lm
Rated luminous flux	750 lm
Rated color temperature	4000 K
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Luminous flux	750 lm
Color rendering index Ra	≥80
Standard deviation of color matching	≤5 sdcm
Color rendering index Ra	≥80
Nominal useful luminous flux 90°	750 lm
Rated useful luminous flux 90°	750 lm
Rated peak intensity	1280 cd

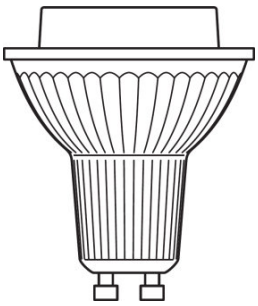
Light technical data

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 °

© 2018, LEDVANCE GmbH. All rights reserved.

Dimensions & weight





Overall length	62.0 mm
Diameter	51.0 mm
Outer bulb	PAR51
Length	62.0 mm
Maximum diameter	51.0 mm

Temperatures & operating conditions

Maximum temperature at tc test point	118 °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

Energy efficiency class	A+

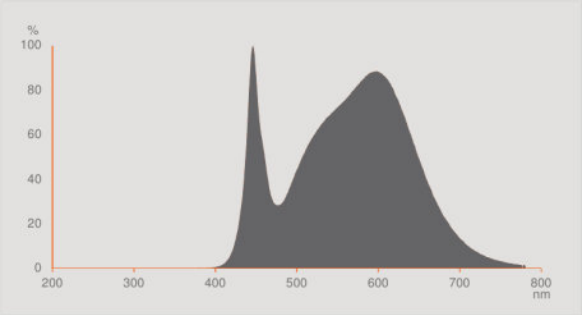
© 2018, LEDVANCE GmbH. All rights reserved.

Energy efficiency class	A+
Energy consumption	10 kWh/1000h

Country-specific categorizations

Order reference	LPPAR1610036 9,

Light Distribution



Spectral power distribution

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075096509	P PAR16 100 36° 9.1 W/4000 K GU10	Shipping carton box 10	255 mm x 107 mm x 72 mm	1.96 dm^3	900.00 g

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

- www.ledvance.com/guarantee

© 2018, LEDVANCE GmbH. All rights reserved.

DISCLAIMER

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

© 2018, LEDVANCE GmbH. All rights reserved.