

# PRODUCT DATASHEET P PAR16 DIM 80 120° 8.3 W/4000K GU10

PARATHOM DIM PAR16 | Dimmable 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
- Stepless dimming
- Very high dimmer compatibility, see also www.ledvance.com/dim
- Instant 100 % light, no warm-up time

#### **PRODUCT FEATURES**

- LED alternative to high voltage halogen lamps
- High color consistency:  $\leq$  5 SDCM
- Dimmable
- Base: GU10
- Lamp made of glass



- Very high color rendering (R<sub>a</sub>: 90)Lifetime: up to 25,000 h

## **TECHNICAL DATA**

#### Electrical data

Rated wattage	8.30 W
Nominal wattage	8.30 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	80 W
Max. lamp no. on circuit break. 10 A (B)	167
Max. lamp no. on circuit break. 16 A (B)	267
Operating frequency	50/60 Hz
Power factor $\lambda$	0.70

#### Photometrical data

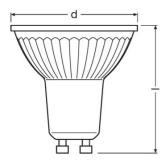
Nominal luminous flux	575 lm
Rated luminous flux	575 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Luminous flux	575 lm
Color rendering index Ra	≥90
Standard deviation of color matching	≤5 sdcm
Rated color temperature	4000 K
Nominal useful luminous flux 90°	575 lm
Rated useful luminous flux 90°	575 lm
Rated peak intensity	210 cd

## Light technical data

Beam angle	120 ° ¹)
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Nominal beam angle	120 °
Rated beam angle (half peak value)	120.00 °

<sup>&</sup>lt;sup>1)</sup> ZMP\_110132

## Dimensions & weight



Overall length	52.0 mm
Diameter	50.0 mm
Outer bulb	PAR51
Length	52.0 mm
Maximum diameter	50.0 mm

## Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	115 °C

## Lifespan

Nominal lamp life time	25000 h
Rated lamp life time	25000 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

<b>Dimmable</b> Yes
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## Certificates & standards

Energy efficiency class	A
Energy consumption	9 kWh/1000h

#### Country-specific categorizations

Order reference	LPPR16D80120 8,
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#### **LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075449121	Folding carton box 1	49 mm x 49 mm x 62 mm	63.00 g	0.15 dm <sup>3</sup>
4058075449138	Shipping carton box 10	255 mm x 107 mm x 72 mm	680.00 g	1.96 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 dimming conformity see

www.ledvance.com/dim

For further products and actual information concerning LED lamps see

www.ledvance.com/ledlamps

For Guarantee see

www.ledvance.com/guarantee

### **DISCLAIMER**

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