

# PRODUCT DATASHEET P PAR 16 80 36° 8 W/3000 K GU10

# PARATHOM PAR16 DIM | Dimmable 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**

- Very long lifetime of up to 25,000 h
- Low energy consumption
- High color consistency thanks to narrow binning
- Easy replacement of halogen lamps due to compact full glass design and single optic
- Ideal for economical spotlighting

#### **PRODUCT FEATURES**

- Professional LED alternative to high voltage halogen lamps
- Good quality of light; color rendering index  $R_a$ :  $\geq 80$
- High color consistency:  $\leq$  5 SDCM
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Made in Germany (versions up to incl. 50 W)
- Mercury-free lamps



## **TECHNICAL DATA**

## Electrical data

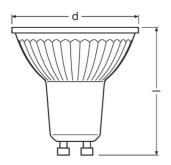
Rated wattage	8.00 W
Nominal wattage	8.00 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	80 W
Max. lamp no. on circuit break. 10 A (B)	303
Operating frequency	5060 Hz
Power factor λ	> 0.80

#### Photometrical data

Nominal luminous flux	575 lm
Rated luminous flux	575 lm
Rated color temperature	3000 К
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	3000 К
Luminous flux	575 lm
Color rendering index Ra	≥80
Standard deviation of color matching	≤5 sdcm
Color rendering index Ra	≥80
Nominal useful luminous flux 90°	575 lm
Rated useful luminous flux 90°	575 lm
Rated peak intensity	1439 cd

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

## Temperatures & operating conditions

Maximum temperature at these point	Maximum temperature at tc test point	95 ℃
------------------------------------	--------------------------------------	------

#### 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

Dimmable	Yes		
Certificates & standards			
Energy efficiency class	A+		

#### PRODUCT DATASHEET

Energy efficiency class	A+
Energy consumption	8 kWh/1000h

#### Country-specific categorizations

Order reference	LPPAR16D8036 8W

#### LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075095465	P PAR 16 80 36° 8 W/3000 K GU10	Shipping carton box 10	255 mm x 107 mm x 72 mm	1.96 dm³	690.00 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 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.