

# PRODUCT DATASHEET PPRO PAR 16 35 36° 4.6 W/4000 K GU10 DIM

PARATHOM PRO PAR16 | 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.

### **PRODUCT BENEFITS**

- Short payback period thanks to low energy consumption and maintenance costs
- Premium light quality thanks to high color rendering index and narrow binning
- Easy replacement of halogen lamps due to compact full glass design and single optic

#### PRODUCT FEATURES

- Professional LED alternative to high voltage halogen lamps
- Very high color rendering (R<sub>a</sub>: 90)
- Very high color consistency: ≤ 3 SDCM
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Made in Germany (versions up to 35 W)
- Mercury-free lamps



# **TECHNICAL DATA**

## Electrical data

Rated wattage	4.60 W	
Nominal wattage	4.60 W	
Nominal voltage	220240 V	
Claimed equiv. conventional lamp power	35 W	
Power factor λ	> 0.80	

## Photometrical data

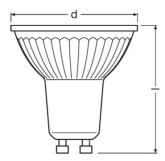
Nominal luminous flux	230 lm	
Rated luminous flux	230 lm	
Rated color temperature	4000 K	
Lumen main.fact.at end of nom.life time	0.70	
Light color (designation)	Cool White	
Color temperature	4000 K	
Luminous flux	230 lm	
Color rendering index Ra	≥90	
Standard deviation of color matching	≤3 sdcm	
Color rendering index Ra	≥90	
Nominal useful luminous flux 90°	230 lm	
Rated useful luminous flux 90°	230 lm	
Rated peak intensity	565 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 °	

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# 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

Maximum temperature at tc test point	86 °C
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## Lifespan

Nominal lamp life time	40000 h
Rated lamp life time	40000 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+

Energy efficiency class	A+
Energy consumption	5 kWh/1000h

#### Country-specific categorizations

Order reference	LPPAR16D3536 4,
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#### **LOGISTICAL DATA**

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075023116	PPRO PAR 16 35 36° 4.6 W/4000 K GU10 DIM	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm³	568.00 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.