

# PRODUCT DATASHEET

## LED PFM PAR16 36° 5.5 W/4000K GU10 Ra 90

LED PERFORMANCE PAR16 | LED reflector lamps PAR16 with retrofit pin base



### AREAS OF APPLICATION

- Hospitality
- Restaurants
- Residential interiors
- Museums, art galleries

### PRODUCT BENEFITS

- Attractive lamp appearance
- Easy replacement of halogen lamps due to compact full glass design and single optic
- Good quality of light
- Creation of the preferred light ambience thanks to dimming
- Very high dimmer compatibility, see also [www.ledvance.com/dim](http://www.ledvance.com/dim)
- Very low energy consumption
- No UV and near-IR radiation in the light beam
- Reliable operation thanks to brand quality

### PRODUCT FEATURES

- Good color rendering: up to  $R_a 90$
- High color consistency:  $\leq 5$  SDCM
- Single optic design
- Input voltage: 220...240 V<sub>AC</sub>



- Mercury-free lamps
- Lifetime: up to 25,000 h

## TECHNICAL DATA

### Electrical data

<b>Rated wattage</b>	5.50 W
<b>Nominal wattage</b>	5.50 W
<b>Nominal voltage</b>	220...240 V
<b>Claimed equiv. conventional lamp power</b>	50 W
<b>Operating frequency</b>	50/60 Hz
<b>Power factor <math>\lambda</math></b>	0.70

### Photometrical data

<b>Nominal luminous flux</b>	400 lm
<b>Rated luminous flux</b>	400 lm
<b>Lumen main.fact.at end of nom.life time</b>	0.70
<b>Light color (designation)</b>	Cool White
<b>Color temperature</b>	4000 K
<b>Luminous flux</b>	400 lm
<b>Color rendering index Ra</b>	90
<b>Standard deviation of color matching</b>	$\leq 6$ sdc <sub>m</sub>
<b>Rated color temperature</b>	4000 K
<b>Color rendering index Ra</b>	90
<b>Rated peak intensity</b>	750 cd

### Light technical data

<b>Beam angle</b>	36 °
<b>Starting time</b>	< 0.5 s
<b>Nominal beam angle</b>	36 °
<b>Rated beam angle (half peak value)</b>	36.00 °

### Dimensions & weight



<b>Overall length</b>	52.0 mm
<b>Diameter</b>	50.0 mm
<b>Outer bulb</b>	PAR51
<b>Length</b>	52.0 mm

### Temperatures & operating conditions

<b>Ambient temperature range</b>	-20...+40 °C
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### Lifespan

<b>Nominal lamp life time</b>	25000 h
<b>Rated lamp life time</b>	25000 h
<b>Number of switching cycles</b>	100000

### Additional product data

<b>Base (standard designation)</b>	GU10
<b>Mercury content</b>	0.0 mg
<b>Mercury-free</b>	Yes
<b>Show WEEE picto</b>	Yes
<b>Product remark</b>	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

<b>Energy efficiency class</b>	A+
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## Country-specific categorizations

<b>Order reference</b>	LPPAR165036 5.5
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## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075332089	Folding carton box 1	49 mm x 49 mm x 62 mm	48.00 g	0.15 dm <sup>3</sup>
4058075332096	Shipping carton box 10	255 mm x 107 mm x 72 mm	533.00 g	1.96 dm <sup>3</sup>

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.

## DISCLAIMER

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