

# PRODUCT DATASHEET

## PAR16 100 24 ° 10 W/3000 K GU10

LED PAR16 HIGH BRIGHTNESS PFM | 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 design and single optic design
- 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

- Very good color rendering (CRI: 95, R9: 90, Rg: 100, Rf: 90)
- High color consistency:  $\leq 5$  sdcm
- Single optic design
- Input voltage: 220...240 V<sub>AC</sub>
- Mercury-free lamps



- Lifetime up to 40,000 h
- Dimmable
- Temperature-protected

TECHNICAL DATA

Electrical data

Nominal wattage	10 W
Construction wattage	10.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	100 W
Nominal current	48 mA
Power factor $\lambda$	0.92

Photometrical data

Luminous intensity	3100 cd
Luminous flux	830 lm
Luminous efficacy	83 lm/W
Color temperature	3000 K
Color rendering index Ra	95
Light color	930
Standard deviation of color matching	$\leq 5$ sdc <sub>m</sub>
Rated peak intensity	3100 cd

Light technical data

Beam angle	24 °
Warm-up time (60 %)	$< 0.50$ s
Starting time	$< 0.5$ s

Dimensions & Weight

Overall length	75.30 mm
Diameter	50.00 mm
Maximum diameter	50 mm
Product weight	105.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+45 °C
---------------------------	--------------

Lifespan

Number of switching cycles	100000
----------------------------	--------

Additional product data

Base (standard designation)	GU10
Mercury content	0.0 mg
Mercury-free	Yes

Capabilities

Dimmable	Yes
----------	-----

Certificates & Standards

Energy efficiency class	G
-------------------------	---

Country-specific categorizations

Order reference	LPPR1611024 10W
-----------------	-----------------

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GU10
Length	75.30 mm
Height	50.00 mm
Width	50.00 mm

DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	PAR16 110 P 10W

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854262777	Folding box 1	52 mm x 52 mm x 81 mm	125.00 g	0.22 dm³
4099854262784	Shipping box 10	273 mm x 113 mm x 96 mm	1378.00 g	2.96 dm³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854262791	Shipping box 60	284 mm x 239 mm x 309 mm	8654.00 g	20.97 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.

DISCLAIMER

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