PRODUCT DATASHEET
LED PFM PAR16 60° 5.5 W/6500K 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
- 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: ≤ 5 SDCM
- Single optic design
- Input voltage: 220...240 V_{AC}

© 2021, LEDVANCE GmbH. All rights reserved.

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

TECHNICAL DATA

Electrical data

Rated wattage	5.50 W
Nominal wattage	5.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	50 W
Operating frequency	50/60 Hz
Power factor λ	0.70

Photometrical data

Nominal luminous flux	400 lm
Rated luminous flux	400 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Daylight
Color temperature	6500 K
Luminous flux	400 lm
Color rendering index Ra	90
Standard deviation of color matching	≤5 sdcm
Rated color temperature	6500 K
Color rendering index Ra	90
Nominal useful luminous flux 90°	400 lm
Rated useful luminous flux 90°	400 lm
Rated peak intensity	350 cd

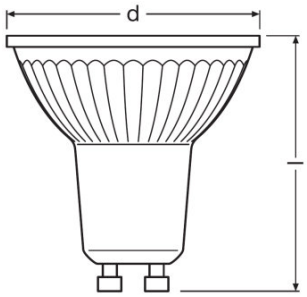
Light technical data

Beam angle	60 ° [1)]
Starting time	< 0.5 s
Nominal beam angle	60 °
Rated beam angle (half peak value)	60.00 °

[1)] ZMP_110132

© 2021, LEDVANCE GmbH. All rights reserved.

Dimensions & weight



Overall length	55.0 mm
Diameter	50.0 mm
Outer bulb	PAR51
Length	55.0 mm

Temperatures & operating conditions

Ambient temperature range	-20…+40 °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

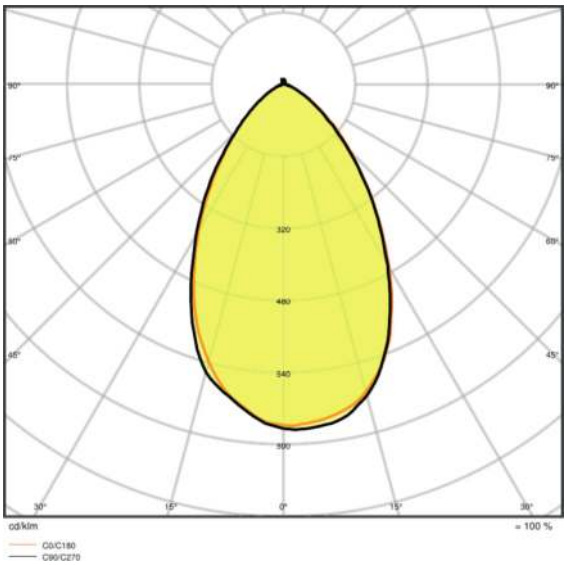
Dimmable	Yes

Country-specific categorizations

Order reference	LPPR1650605.5W/

© 2021, LEDVANCE GmbH. All rights reserved.

Light Distribution



LDC typ polar

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075291836	Folding carton box 1	54 mm x 54 mm x 93 mm	66.00 g	0.27 dm^3
4058075291843	Shipping carton box 10	282 mm x 118 mm x 108 mm	788.00 g	3.59 dm^3

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.

© 2021, LEDVANCE GmbH. All rights reserved.