

Product datasheet

PP PAR16 3.7 W/940 GU10

PARATHOM PRO PAR16 | Dimmable LED reflector lamps PAR16 with retrofit pin base



- Shops and exhibition rooms Domestic applications
Commercial applications Accent lighting Outdoor use in
outdoor luminaires only (minimum IP65)

- Quick, simple and safe replacement without rewiring Design, dimensions, luminous flux comparable to an incandescent or
halogen lamp Low maintenance costs thanks to long lifetime No UV and near-IR radiation in the light beam Stepless
dimming Very high dimmer compatibility, see also "www.ledvance.com/dim" Instant 100 % light, no warm-up time



Technical data

Electrical data

Rated wattage	3.70 W
Nominal wattage	3.70 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	35 W
Operating frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	210
Max. lamp no. on circuit break. 16 A (B)	336
Nominal current	0.021 A

Photometrical data

Nominal luminous flux	230 lm
Rated luminous flux	230 lm
Rated color temperature	4000 K
Color rendering index Ra	97
Light color (designation)	Cool White
Standard deviation of color matching	≤3 sdcn
Nominal useful luminous flux 90°	230 lm
Rated useful luminous flux 90°	230 lm
Rated peak intensity	690 cd
Color temperature	4000 K
Luminous flux	230 lm
Lumen main.fact.at end of nom.life time	0.70

Light technical data

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

Dimensions & weight



Overall length	55.0 mm
Diameter	51.0 mm
Outer bulb	PAR51
Product weight	48.00 g
Length	55.0 mm
Maximum diameter	51.0 mm

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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Lifespan

Nominal lamp life time	40000 h
Rated lamp life time	40000 h
Number of switching cycles	1000000
Lumen maintenance at end of service life	0.70

Additional product data

Base (standard designation)	GU10
Mercury content	0.0 mg
Mercury-free	Yes
Appropriate disposal acc. to WEEE	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

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Capabilities

Dimmable	Yes
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Certificates & standards

Energy efficiency class	A
Energy consumption	4 kWh/1000h
Type of protection	IP20

Country specific categorizations

Order reference	LPPAR16D3536 3,
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	18-04-2022
Primary Article Identifier	4058075259898
Declaration No. in SCIP database	In work

Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

References / Links

For dimming conformity see

▶ www.osram.com/DIM

For further products and actual information concerning LED lamps see

▶ www.osram.com/ledlamps

For Guarantee see <https://>

▶ www.inventronics-light.com/multilevel-guarantees

Disclaimer

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

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