

Product datasheet

P PAR16 2.6 W/827 GU10

PARATHOM PAR16 | LED reflector lamps PAR16 with retrofit pin base



Technical data

Electrical data

Rated wattage	2.60 W
Nominal wattage	2.60 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)	526
Max. lamp no. on circuit break. 16 A (B)	842
Nominal current	0.019 A

Photometrical data

Luminous intensity	400 cd
Nominal luminous flux	230 lm
Rated luminous flux	230 lm
Rated color temperature	2700 K
Color rendering index Ra	≥80
Light color (designation)	Warm White
Standard deviation of color matching	≤6 sdc _m
Nominal useful luminous flux 90°	230 lm
Rated useful luminous flux 90°	230 lm
Rated peak intensity	450 cd
Color temperature	2700 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	43.00 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	15000 h
Rated lamp life time	15000 h
Number of switching cycles	100000
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	No
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Certificates & standards

Energy efficiency class	F
Energy consumption	3 kWh/1000h
Type of protection	IP20

Country specific categorizations

Order reference	LPPAR163536 2,6
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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	4058075259935 4058075608214
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.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075608214	P PAR16 2.6 W/827 GU10	Shipping carton box 10 Pieces Folding carton box	257 mm x 110 mm x 70 mm	1.98 dm ³	488.00 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 further products and actual information concerning LED lamps see
▶ www.osram.com/ledlamps

For Guarantee see <https://>

Product datasheet

▶ 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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