

Product datasheet

P DIM PAR16 830 W/930 GU10

PARATHOM DIM PAR 16 | Dimmable LED reflector lamps PAR16 with retrofit pin base



Technical data

Electrical data

Rated wattage	8.30 W
Nominal wattage	8.30 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	80 W
Operating frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	167
Max. lamp no. on circuit break. 16 A (B)	267
Nominal current	0.046 A

Photometrical data

Luminous intensity	840 cd
Nominal luminous flux	550 lm
Rated luminous flux	550 lm
Rated color temperature	3000 K
Color rendering index Ra	90
Light color (designation)	Warm White
Standard deviation of color matching	≤5 sdc _m
Nominal useful luminous flux 90°	550 lm
Rated useful luminous flux 90°	550 lm
Rated peak intensity	840 cd
Color temperature	3000 K
Luminous flux	550 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	52.0 mm
Diameter	50.0 mm
Outer bulb	PAR51
Product weight	56.00 g
Length	52.0 mm
Maximum diameter	50.0 mm

Temperatures & operating conditions

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

Nominal lamp life time	25000 h
Rated lamp life time	25000 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
Successor EAN	4058075609112
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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Predecessor EAN	4058075095465, 4058075449268
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Capabilities

Dimmable	Yes
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Certificates & standards

Energy efficiency class	G
Energy consumption	9 kWh/1000h
Type of protection	IP20

Country specific categorizations

Order reference	LPPAR16D8036 8,
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	01-07-2022
Primary Article Identifier	4058075449268 4058075609112
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
4058075609112	P DIM PAR16 830 W/930 GU10	Shipping carton box 10 Pieces Folding carton box	255 mm x 107 mm x 72 mm	1.96 dm ³	680.00 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 dimming conformity see
▶ www.osram.com/DIM

Product datasheet

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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