Product datasheet
P PAR16 4.5 W/827 E14

PARATHOM PAR16 | LED reflector lamps PAR16 with retrofit pin base



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Technical data

Electrical data

Rated wattage	4.50 W
Nominal wattage	4.50 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	50 W
Operating frequency	50…60 Hz
Max. lamp no. on circuit break. 10 A (B)	20
Max. lamp no. on circuit break. 16 A (B)	32
Nominal current	0.036 A

Photometrical data

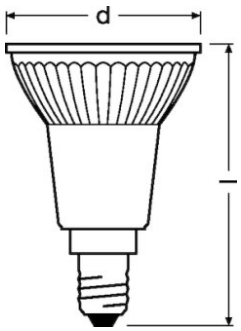
Luminous intensity	700 cd
Nominal luminous flux	350 lm
Rated luminous flux	350 lm
Rated color temperature	2700 K
Color rendering index Ra	≥80
Light color (designation)	Warm White
Standard deviation of color matching	≤6 sdcm
Nominal useful luminous flux 90°	350 lm
Rated useful luminous flux 90°	350 lm
Rated peak intensity	700 cd
Color temperature	2700 K
Luminous flux	350 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

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Dimensions & weight



Overall length	73.0 mm
Diameter	50.0 mm
Outer bulb	PAR51
Product weight	48.00 g
Length	73.0 mm
Maximum diameter	50.0 mm

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C

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)	E14
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

Certificates & standards

Energy efficiency class	A+
Energy consumption	5 kWh/1000h
Type of protection	IP20

Country specific categorizations

Order reference	LPPAR165036 4,5

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	18-04-2022
Primary Article Identifier	4058075264342
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 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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