

100 20° 15 W/830 E27

PARATHOM PRO PAR38 | LED reflector lamps PAR38 with retrofit screw base



Areas of application

- Shops
- Directional light sources
- Exhibitions, department stores

Product benefits

- Very low energy consumption
- Extremely long life
- Robust against vibrations
- No UV and near-IR radiation in the light beam
- Efficient generation of white light

Product features

- Professional LED lamp
- Not suitable for use with dimmers
- Base: E27
- Lifetime: up to 40,000 h
- Mercury-free lamps



Technical data

Electrical data

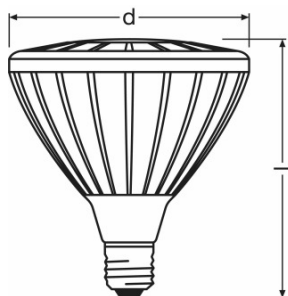
Rated wattage	15.00 W
Nominal wattage	15 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	100 W
Operating frequency	50...60 Hz
Power factor λ	0.90
Energy consumption	15 kWh/1000h

Light technical data

Beam angle	20 °
Nominal luminous flux	930 lm
Rated luminous flux	930 lm
Color temperature	3000 K
Color rendering index Ra	80
Warm-up time (60 %)	< 2.00 s
Lumen main.fact.at end of nom.life time	0.70
Light color as per EN 12464-1	Warm White
Starting time	< 0.5 s
Standard deviation of color matching	≤ 6 sdc
Nominal useful luminous flux 90°	950 lm
Rated useful luminous flux 90°	1000 lm
Nominal beam angle	20.00 °
Rated beam angle - half peak value	20.00 °
Rated peak intensity	5400 cd

Dimensions & weight

Product datasheet



Product line drawing

Overall length	130.6 mm
Diameter	121.0 mm
Outer bulb	PAR121
Length	130.6 mm
Maximum diameter	121.0 mm

Colors & materials

Lamp mercury content	0.0 mg
Mercury-free	Yes

Lifespan

Nominal lamp life time	40000 h
Rated lamp life time	40000 h
Number of switching cycles	100000

Additional product data

Base (standard designation)	E27
Appropriate disposal acc. to WEEE	Yes
Footnote only for product	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	No
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Product datasheet

Certificates & standards

Energy efficiency class	A
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Product datasheet

References / Links

For further products and actual information concerning LED lamps see

▶ www.osram.com/ledlamps

For Guarantee see

▶ www.osram.com/guarantee

Disclaimer

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