

PARATHOM PAR16 50 36° ADV 7 W/827 GU10

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



Areas of application

- Spotlighting for accents
- Display cabinets and shop windows
- Retail outlets and exhibition rooms
- Spotlighting heat-sensitive objects such as food, plants, etc.
- Outdoor use in outdoor luminaires only (minimum IP65)
- Directional light sources
- Hospitality
- Shops

Product benefits

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

Product features

- Professional LED lamps for line voltage
- Dimmable (with many common dimmers, see also www.osram.com/dim)
- Base: GU10
- Lifetime: up to 25,000 h
- Mercury-free lamps



Technical data

Electrical data

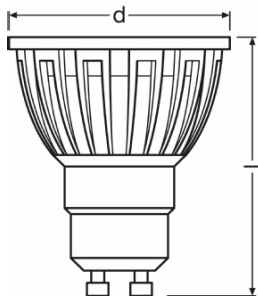
Rated wattage	7.5 W
Nominal wattage	7.5 W
Nominal voltage	220 V
Claimed equiv. conventional lamp power	50 W
Operating frequency	50...60 Hz
Power factor λ	0.75
Energy consumption	8 kWh/1000h

Light technical data

Beam angle	36 °
Luminous intensity	950 cd
Nominal luminous flux	390 lm
Rated luminous flux	390 lm
Color temperature	2700 K
Color rendering index Ra	80
Warm-up time (60 %)	< 0.20 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 sdcn
Nominal useful luminous flux 90°	385 lm
Rated useful luminous flux 90°	385 lm
Nominal beam angle	36.00 °
Rated beam angle	36.00 °
Rated peak intensity	950 cd

Dimensions & weight

Product datasheet



Product line drawing

Overall length	58.0 mm
Diameter	34.7 mm
Outer bulb	PAR51
Length	58.0 mm
Maximum diameter	50.0 mm

Colors & materials

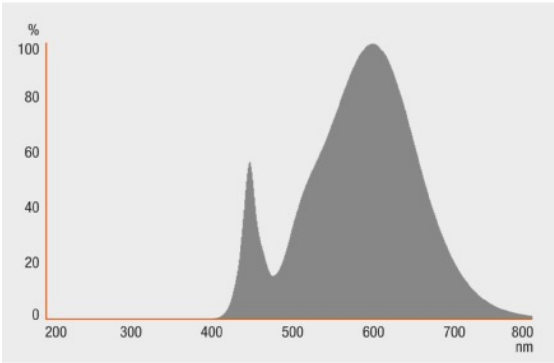
Mercury-free	Yes
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Lifespan

Nominal lamp life time	25000 h
Rated lamp life time	25000 h
Number of switching cycles	100000

Additional product data

Product datasheet



Spectral power distribution

Base (standard designation)	GU10
New article	NEW
Appropriate disposal acc. to WEEE	Yes
Footnote used 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/LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance)

Capabilities

Dimmable	Yes ¹⁾
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¹⁾ With many common dimmers

Certificates & standards

Energy efficiency class	A
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Country specific categorizations

Product datasheet

ILCOS	DRPAR-7,5-220-240-GU10-50/36
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Guarantee

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

▶ www.osram.com/guarantee

Disclaimer

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