

## PARATHOM PAR16 50 36° ADV 7 W/830 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](http://www.osram.com/dim))
- Base: GU10
- Lifetime: up to 25,000 h
- Mercury-free lamps



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## Technical data

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### Electrical data

Rated wattage	7 W
Nominal wattage	7 W
Nominal voltage	230 V
Claimed equiv. conventional lamp power	50 W
Operating frequency	50...60 Hz
Power factor $\lambda$	0.75
Energy consumption	8 kWh/1000h

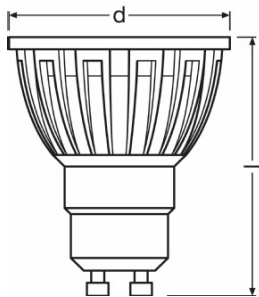
### Light technical data

Beam angle	36 °
Luminous intensity	950 cd
Nominal luminous flux	390 lm
Rated luminous flux	390 lm
Color temperature	3000 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°	390 lm
Rated useful luminous flux 90°	390 lm
Nominal beam angle	36.00 °
Rated beam angle	36.00 °
Rated peak intensity	950 cd

### Dimensions & weight

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Product datasheet



Product line drawing

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

Colors & materials

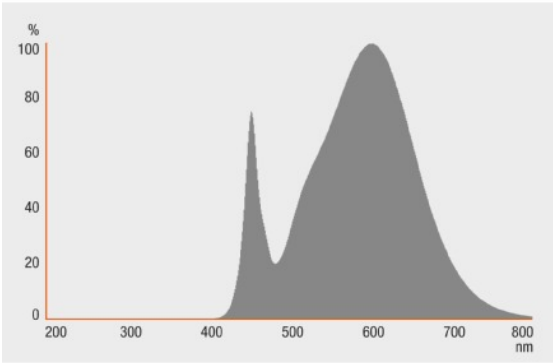
Lamp mercury content	0.0 mg
Mercury-free	Yes

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 <sup>1)</sup>
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<sup>1)</sup> With many common dimmers

Certificates & standards

Energy efficiency class	A
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Country specific categorizations

## Product datasheet

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

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### References / Links

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For dimming conformity see

▶ [www.osram.com/DIM](http://www.osram.com/DIM)

For further products and actual information concerning LED lamps see

▶ [www.osram.com/ledlamps](http://www.osram.com/ledlamps)

For Guarantee see

▶ [www.osram.com/guarantee](http://www.osram.com/guarantee)

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### Disclaimer

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