

PARATHOM PAR16 50 36° ADV 5.3 W/827 GU10

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



Areas of application

- Spotighting for accents
- Display cabinets and shop windows
- Retail outlets and exhibition rooms
- Spotighting heat-sensitive objects such as food, plants, etc.
- Outdoor applications only in suitable luminaires
- 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
- Alternative to line-voltage halogen lamps
- Ideal for economical spotighting

Product features

- Professional LED lamps for line voltage
- Dimmable (with many common dimmers, see also www.osram.com/dim)
- Made in Europe
- Base: GU10
- Lifetime: up to 35,000 h
- Mercury-free lamps



Product datasheet

- High color consistency; SDCM: < 5 (PARATHOM PRO)

Technical data

Electrical data

Rated wattage	5.30 W
Nominal wattage	5.30 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	50 W
Operating frequency	50...60 Hz
Power factor λ	> 0.80

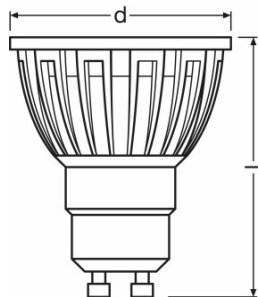
Photometrical data

Luminous intensity	950 cd
Nominal luminous flux	350 lm
Rated luminous flux	350 lm
Color temperature	2700 K
Color rendering index Ra	80
Light color (designation)	Warm White
Standard deviation of color matching	≤ 5 sdc _m
Nominal useful luminous flux 90°	350 lm
Rated useful luminous flux 90°	350 lm
Rated peak intensity	850 cd

Light technical data

Beam angle	36 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Nominal beam angle	36 °
Rated beam angle (half peak value)	36.00 °

Dimensions & weight



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

Lifespan

Nominal lamp life time	25000 h
Rated lamp life time	25000 h
Number of switching cycles	100000
Lumen main.fact.at end of nom.life time	0.70

Additional product data

Base (standard designation)	GU10
Lamp mercury content	0.0 mg
Mercury-free	Yes
Appropriate disposal acc. to WEEE	Yes

Capabilities

Dimmable	Yes ¹⁾
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¹⁾ With many common dimmers

Certificates & standards

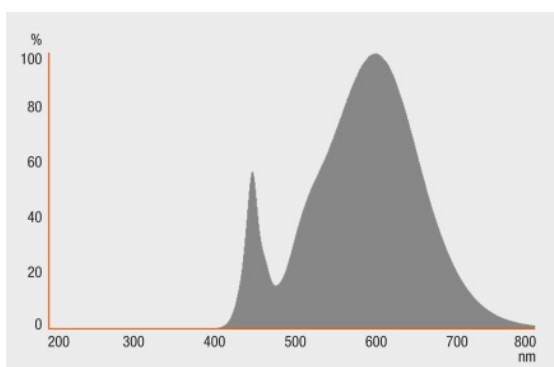
Energy efficiency class	A+
Energy consumption	6 kWh/1000h

Country specific categorizations

Product datasheet

ILCOS	DRPAR-7,5-220-240-GU10-50/36
Order reference	PPAR1650AD 5.3W

Light Distribution



Spectral power distribution

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321882097	PARATHOM PAR16 50 36° ADV 5.3 W/827 GU10	Shipping carton box 10	275 mm x 116 mm x 78 mm	2.49 dm ³	884.00 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

For further products and actual information concerning LED lamps see

▶ www.osram.com/ledlamps

For Guarantee see

Product datasheet

▶ www.osram.com/guarantee

Disclaimer

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