

PARATHOM PAR16 35 36° 5 W/827

PARATHOM PAR16 | 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 use in outdoor luminaires only (minimum IP65)
- Directional light sources
- Hospitality
- Shops

Product benefits

- Excellent price/performance ratio
- 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
- Not dimmable
- Color temperature: 2,700 K
- Good color rendering ($R_a \geq 80$) and color stability throughout the life of the lamp
- Base: GU10
- Lifetime: up to 15,000 h
- Mercury-free lamps
- High color consistency



Technical data

Electrical data

Rated wattage	4.40 W
Nominal wattage	4.00 W
Nominal voltage	220 V
Claimed equiv. conventional lamp power	35 W
Operating frequency	50...60 Hz
Power factor λ	> 0.80

Photometrical data

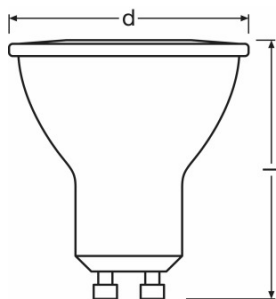
Luminous intensity	600 cd
Nominal luminous flux	230 lm
Rated luminous flux	230 lm
Color temperature	2700 K
Color rendering index Ra	80
Lumen main.fact.at end of nom.life time	0.70
Light color as per EN 12464-1	Warm White
Standard deviation of color matching	≤ 6 sdcn
Nominal useful luminous flux 90°	230 lm
Rated useful luminous flux 90°	230 lm
Rated peak intensity	650 cd

Light technical data

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

Dimensions & weight

Product datasheet



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	15000 h
Rated lamp life time	15000 h
Number of switching cycles	100000

Additional product data

Base (standard designation)	GU10
Lamp mercury content	0.0 mg
Mercury-free	Yes
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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Certificates & standards

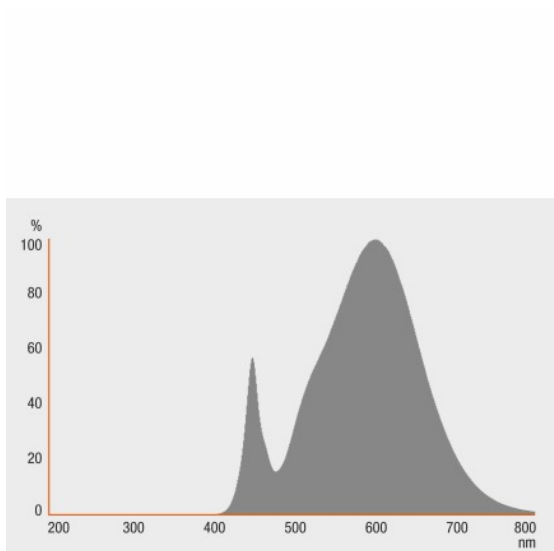
Energy efficiency class	A+
Energy consumption	5 kWh/1000h

Country specific categorizations

Product datasheet

ILCOS	DRPAR-4,5-100-240-GU10-50/36
Order reference	SPAR163536 4W/8

Light Distribution



Spectral power distribution



Guarantee

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4052899910478	PARATHOM PAR16 35 36° 5 W/827	Shipping carton box 10	78 mm x 116 mm x 275 mm	2.49 dm ³	769.00 g

Product datasheet

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 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.