

PARATHOM PAR16 20 36° 2 W/827 GU10

PARATHOM PAR16 | 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

- 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	2.50 W
Nominal wattage	2.50 W
Nominal voltage	100 V
Claimed equiv. conventional lamp power	20 W
Operating frequency	50...60 Hz
Power factor λ	0.41
Energy consumption	3 kWh/1000h

Photometrical data

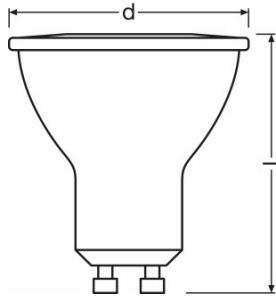
Luminous intensity	350 cd
Nominal luminous flux	135 lm
Rated luminous flux	135 lm
Color temperature	2700 K
Color rendering index Ra	80
Lumen main.fact.at end of nom.life time	0.70
Light color as per EN 12464-1	Warm White
Standard deviation of color matching	≤ 6 sdcn
Nominal useful luminous flux 90°	130 lm
Rated useful luminous flux 90°	130 lm
Rated peak intensity	350 cd

Light technical data

Beam angle	36 °
Warm-up time (60 %)	< 1.00 s
Starting time	< 0.5 s
Nominal beam angle	36.00 °
Rated beam angle (half peak value)	36.00 °

Dimensions & weight

Product datasheet



Product line drawing

Overall length	53.0 mm
Diameter	50.0 mm
Outer bulb	PAR51
Length	53.0 mm
Maximum diameter	50.0 mm

Colors & materials

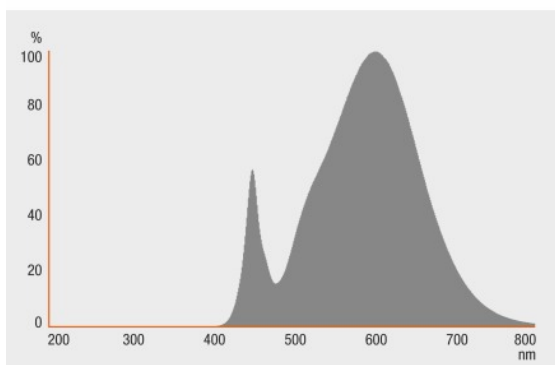
Lamp mercury content	0.0 mg
Mercury-free	Yes

Lifespan

Nominal lamp life time	15000 h
Rated lamp life time	15000 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 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+
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Country specific categorizations

ILCOS	DRPAR-2,5-100-240-GU10-50/36
Order reference	PPAR1620 2,5W/8

Country specific information

Product datasheet

Product code	METEL-Code	SEG number	STK-Number	UK Org
4052899910362	-	8334321	-	-

Product datasheet



Guarantee

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4052899910362	PARATHOM PAR16 20 36° 2 W/827 GU10	Folding carton box 1	65 mm x 52 mm x 52 mm	0.18 dm ³	67.00 g
4052899910461	PARATHOM PAR16 20 36° 2 W/827 GU10	Shipping carton box 10	78 mm x 116 mm x 275 mm	2.49 dm ³	767.00 g
4008321879813	PARATHOM PAR16 20 36° 2 W/827 GU10	Shipping carton box 80	- x - x -		
4052899030435	PARATHOM PAR16 20 36° 2 W/827 GU10	Shipping carton box 80	- x - x -		

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.