PARATHOM RF PAR 16 35 36° 3.2 W/827 GU10

PARATHOM Retrofit PAR16 | LED reflector lamps PAR16 with retrofit pin base



Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor applications only in suitable luminaires

Product benefits

- Clear lamps with innovative LED "filament" technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Look & Feel of a halogen reflector lamp thanks to glass body
- Very low energy consumption
- Robust against vibrations
- Extremely long life
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lower thermal output (compared with the standard reference product)
- Correct operation even at low temperatures

Product features

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Not dimmable



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- Base: GU10
- Mercury-free lamps
- Lifetime: up to 15,000 h

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Technical data

Electrical data

Rated wattage	3.20 W
Nominal wattage	3.20 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	35 W
Operating frequency	50…60 Hz
Power factor λ	> 0.40

Photometrical data

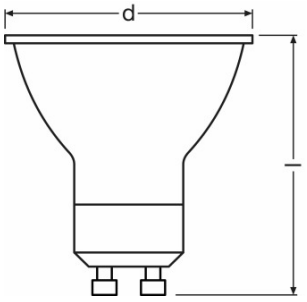
Luminous intensity	450 cd
Nominal luminous flux	230 lm
Rated luminous flux	230 lm
Color temperature	2700 K
Color rendering index Ra	80
Light color (designation)	Warm White
Standard deviation of color matching	≤6 sdcm
Nominal useful luminous flux 90°	230 lm
Rated useful luminous flux 90°	230 lm
Rated peak intensity	450 cd
Nom. useful luminous flux 120°	245 lm
Rated useful luminous flux 120°	245 lm

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 °

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Dimensions & weight



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

Lifespan

Nominal lamp life time	15000 h
Rated lamp life time	15000 h
Number of switching cycles	100000
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	No

Certificates & standards

Energy efficiency class	A+
Energy consumption	4 kWh/1000h

Country specific categorizations

Order reference	RFPAR1635 3W/82

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Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899941694	PARATHOM RF PAR 16 35 36° 3.2 W/827 GU10	Shipping carton box 6	322 mm x 154 mm x 135 mm	6.69 dm^3	596.00 g
4052899941854	PARATHOM RF PAR 16 35 36° 3.2 W/827 GU10	Shipping carton box 10	267 mm x 111 mm x 72 mm	2.13 dm^3	708.00 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.

Disclaimer

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

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