

PARATHOM MR11 20 30° ADV 3.1 W/827 GU4

PARATHOM advanced MR11 12 V | Dimmable low-voltage LED reflector lamps MR11 with retrofit pin base



Areas of application

- Shops selling jewellery, glassware or ceramic goods
- As a downlight for marking walkways, doors, stairs, etc.
- Museums
- Hotels, hospitality

Product benefits

- Very low energy consumption
- Easy relamping thanks to GU4 base and compact dimensions in MR11 shape
- Robust against vibrations

Product features

- High-quality LED replacement for halogen reflector lamps
- Dimmable (with many common dimmers, see also www.osram.com/dim)
- Compatible with many common electronic control gears (see also compatibility list)
- Good color rendering ($R_a \geq 80$) and color stability throughout the life of the lamp
- Lifetime: up to 25,000 h
- Mercury-free lamps
- High color consistency: < 6 SDCM



Technical data

Electrical data

Rated wattage	3.10 W
Nominal wattage	3.10 W
Nominal voltage	12.0 V
Claimed equiv. conventional lamp power	20 W
Operating frequency	50...60 Hz
Power factor λ	> 0.50

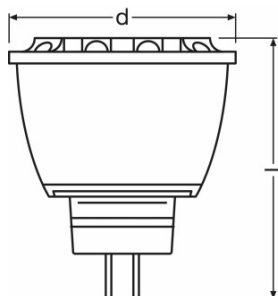
Photometrical data

Luminous intensity	500 cd
Nominal luminous flux	184 lm
Rated luminous flux	184 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°	184 lm
Rated useful luminous flux 90°	184 lm
Rated peak intensity	500 cd
Nom. useful luminous flux 120°	195 lm
Rated useful luminous flux 120°	195 lm

Light technical data

Beam angle	30 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Nominal beam angle	30 °
Rated beam angle (half peak value)	30.00 °

Dimensions & weight



Overall length	39.0 mm
Diameter	35.0 mm
Outer bulb	MR35
Length	39.0 mm
Maximum diameter	35.0 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)	GU4
Lamp mercury content	0.0 mg
Mercury-free	Yes
Appropriate disposal acc. to WEEE	Yes
Product remark	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	Yes ¹⁾
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¹⁾ With many common dimmers

Product datasheet

Certificates & standards

Energy efficiency class	A+
Energy consumption	3 kWh/1000h

Country specific categorizations

ILCOS	DRR-2/827-12-GU4-35/30
Order reference	PMR11DIM2030 3,



Guarantee

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899938687	PARATHOM MR11 20 30° ADV 3.1 W/827 GU4	Shipping carton box 10	188 mm x 78 mm x 60 mm	0.88 dm ³	368.00 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.