P MR11 20 36° 2.9 W/827 GU4

PARATHOM MR11 12 V | Low-voltage LED reflector lamps MR11 with retrofit pin base



Areas of application

- Display cabinets and shop windows
- Museums, art galleries
- Exhibition rooms
- Residential interiors
- As a downlight for marking walkways, doors, stairs, etc.
- Outdoor applications only in suitable luminaires

Product benefits

- Long lifetime of up to 15,000 h
- Low energy consumption
- Easy relamping thanks to compact design and GU4 base

Product features

- Professional LED alternative to halogen MR11 lamps
- Mercury-free lamps

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Technical data

Electrical data

Rated wattage	2.90 W
Nominal wattage	2.90 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	20 W
Power factor λ	> 0.50

Photometrical data

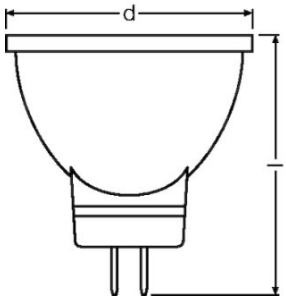
Luminous intensity	400 cd
Rated luminous flux	184 lm
Rated color temperature	2700 K
Color rendering index Ra	≥80
Light color (designation)	Warm White
Standard deviation of color matching	≤6 sdcm
Nominal luminous flux	184 lm
Nominal useful luminous flux 90°	184 lm
Rated useful luminous flux 90°	184 lm
Rated peak intensity	400 cd
Lumen main.fact.at end of nom.life time	0.70

Light technical data

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

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

Additional product data

Base (standard designation)	GU4
Mercury content	0.0 mg
Mercury-free	Yes
Appropriate disposal acc. to WEEE	Yes
Product remark	All technical parameters apply to the entire lampDue 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

Certificates & standards

Energy efficiency class	A+

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Energy consumption	3 kWh/1000h

Country specific categorizations

ILCOS	DRR-2,9/827-12-GU4-35/36
Order reference	LEDPMR112036 2,

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075813434	P MR11 20 36° 2.9 W/827 GU4	Shipping carton box 10 Pieces Folding carton box	188 mm x 78 mm x 55 mm	0.81 dm^3	257.90 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 further products and actual information concerning LED lamps see
- www.osram.com/ledlamps

For Guarantee see
- www.osram.com/guarantee

Further information see
- www.osram.com/low-voltage-ledlamps

Disclaimer

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

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