

---

## PARATHOM MR11 20 30° ADV 3.1 W/827 GU4

PARATHOM MR11 12 V Advanced | 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](http://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 $\lambda$	> 0.50

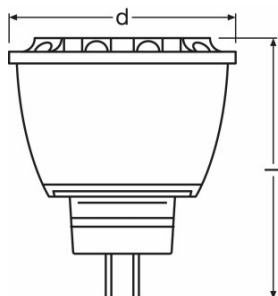
**Photometrical data**

Luminous intensity	500 cd
Nominal luminous flux	184 lm
Rated luminous flux	184 lm
Color temperature	2700 K
Color rendering index Ra	$\geq 80$
Light color (designation)	Warm White
Standard deviation of color matching	$\leq 6$ 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



<b>Overall length</b>	39.0 mm
<b>Diameter</b>	35.0 mm
<b>Outer bulb</b>	MR35
<b>Length</b>	39.0 mm
<b>Maximum diameter</b>	35.0 mm

## Lifespan

<b>Nominal lamp life time</b>	25000 h
<b>Rated lamp life time</b>	25000 h
<b>Number of switching cycles</b>	100000
<b>Lumen main.fact.at end of nom.life time</b>	0.70

## Additional product data

<b>Base (standard designation)</b>	GU4
<b>Lamp mercury content</b>	0.0 mg
<b>Mercury-free</b>	Yes
<b>Appropriate disposal acc. to WEEE</b>	Yes
<b>Product remark</b>	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

<b>Dimmable</b>	Yes
-----------------	-----

## Certificates & standards

## Product datasheet

Energy efficiency class	A+
Energy consumption	4 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 <sup>3</sup>	380.00 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.