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# Product family datasheet

## PARATHOM MR11 12 V

Low-voltage LED reflector lamps MR11 with retrofit pin base



- 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

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- 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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### Product benefits

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



## Product family datasheet

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### Areas of application

- Display cabinets and shop windows
- Museums, art galleries
- Exhibition rooms
- Residential interiors
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## Product family datasheet

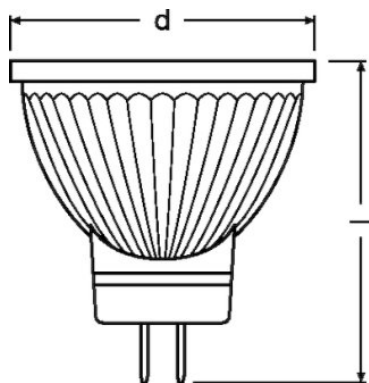
### Technical data

Product description	Electrical data		Photometrical data			Light technical data	
	Nominal wattage	Nominal voltage	Nominal luminous flux	Rated color temperature	Light color (designation)	Beam angle	Nominal beam angle
P MR11 12 V 4 W/827 GU4	4.00 W	12 V	345 lm	2700 K	Warm White	36 °	36 °
P MR11 12 V 2.5 W/827 GU4	2.50 W	12 V	184 lm	2700 K	Warm White	36 °	36 °
P MR11 12 V 2.5 W/840 GU4	2.50 W	12 V	184 lm	4000 K	Cool White	36 °	36 °

Product description	Rated beam angle (half peak value)	Starting time	Dimensions & weight	Lifespan			Additional product data
			Overall length	Nominal lamp life time	Rated lamp life time	Number of switching cycles	Base (standard designation)
P MR11 12 V 4 W/827 GU4	36.00 °	< 0.5 s	38.0 mm	15000 h	15000 h	100000	GU4
P MR11 12 V 2.5 W/827 GU4	36.00 °	< 0.5 s	38.0 mm	15000 h	15000 h	100000	GU4
P MR11 12 V 2.5 W/840 GU4	36.00 °	< 0.5 s	38.0 mm	15000 h	15000 h	100000	GU4

Product description	Capabilities	Certificates & standards		Country specific categorizations
	Dimmable	Energy efficiency class	Energy consumption	Order reference
P MR11 12 V 4 W/827 GU4	No	A+	5 kWh/1000h	LEDPMR113536 CL
P MR11 12 V 2.5 W/827 GU4	No	A+	3 kWh/1000h	LEDPMR112036 2,
P MR11 12 V 2.5 W/840 GU4	No	A+	3 kWh/1000h	LEDPMR112036 2,

## Product family datasheet



P MR11 12 V 4 W/827 GU4, P MR11 12  
V 2.5 W/827 GU4, P MR11 12 V 2.5  
W/840 GU4

### Application advice

For more detailed application information and graphics please see product datasheet.

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075105317	P MR11 12 V 4 W/827 GU4	Shipping carton box 10	188 mm x 78 mm x 55 mm	0.81 dm <sup>3</sup>	248.00 g
4058075105195	P MR11 12 V 2.5 W/827 GU4	Shipping carton box 10	188 mm x 78 mm x 55 mm	0.81 dm <sup>3</sup>	248.00 g

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Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075105157	P MR11 12 V 2.5 W/840 GU4	Shipping carton box 10	188 mm x 78 mm x 55 mm	0.81 dm <sup>3</sup>	248.00 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.

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### References / Links

For further products and actual information concerning LED lamps see

▶ [www.osram.com/ledlamps](http://www.osram.com/ledlamps)

For Guarantee see

▶ [www.osram.com/guarantee](http://www.osram.com/guarantee)

Further information see

▶ [www.osram.com/low-voltage-ledlamps](http://www.osram.com/low-voltage-ledlamps)

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### Disclaimer

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

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