

# PRODUCT DATASHEET

## P MR11 20 30° 3.1 W/2700K GU4

PARATHOM DIM MR11 | LED SUPERSTAR PIN G4 12 V DIM



### AREAS OF APPLICATION

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

### PRODUCT BENEFITS

- Very long lifetime of up to 25,000 h
- Low energy consumption
- Easy relamping thanks to compact design and GU4 base
- Instant 100 % light, no warm-up time

### PRODUCT FEATURES

- Professional LED alternative to halogen MR11 lamps
- Good color rendering index  $R_a: \geq 90$
- Dimmable (with many common dimmers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim))
- Mercury-free lamps



## TECHNICAL DATA

### Electrical data

Rated wattage	3.10 W
Nominal wattage	3.10 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	20 W
Power factor $\lambda$	> 0.50

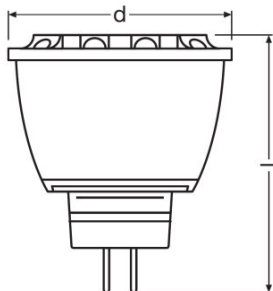
### Photometrical data

Luminous intensity [PIM]	500 cd
Nominal luminous flux	184 lm
Rated luminous flux	184 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	184 lm
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	$\leq 6$ sdc
Rated color temperature	2700 K
Color rendering index Ra	$\geq 80$
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

Temperatures & operating conditions

<b>Ambient temperature range</b>	-20...+40 °C
<b>Maximum temperature at tc test point</b>	83 °C

Lifespan

<b>Nominal lamp life time</b>	25000 h
<b>Rated lamp life time</b>	25000 h
<b>Number of switching cycles</b>	100000

Additional product data

<b>Base (standard designation)</b>	GU4
<b>Mercury content</b>	0.0 mg
<b>Mercury-free</b>	Yes
<b>Show WEEE picto</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 <sup>1)</sup>
-----------------	-------------------

<sup>1)</sup> With many common dimmers

## Certificates &amp; standards

<b>Energy efficiency class</b>	A+
<b>Energy consumption</b>	3 kWh/1000h

## Country-specific categorizations

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

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899938687	Folding carton box 1	36 mm x 36 mm x 46 mm	34.00 g	0.06 dm <sup>3</sup>
4052899939028	Shipping carton box 10	188 mm x 78 mm x 60 mm	368.00 g	0.88 dm <sup>3</sup>
4052899942516	Shipping carton box 80	201 mm x 169 mm x 240 mm	3128.00 g	8.15 dm <sup>3</sup>

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.ledvance.com/ledlamps](http://www.ledvance.com/ledlamps)

For Guarantee see

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

Further information see

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

For dimming conformity see

▶ [www.ledvance.com/dim](http://www.ledvance.com/dim)

## DISCLAIMER

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