

# PRODUCT DATASHEET

## ST MR11 20 36° 2.9 W/827 GU4

LED STAR MR11 12 V | LED reflector lamps



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### 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

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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

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### PRODUCT FEATURES

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



**TECHNICAL DATA**

Electrical data

<b>Rated wattage</b>	2.90 W
<b>Nominal wattage</b>	2.90 W
<b>Nominal voltage</b>	12.0 V
<b>Claimed equiv. conventional lamp power</b>	20 W
<b>Power factor <math>\lambda</math></b>	> 0.50

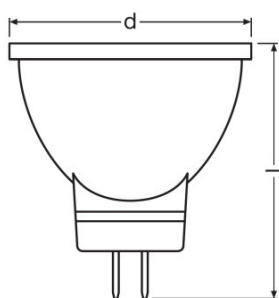
Photometrical data

<b>Luminous intensity</b>	400 cd
<b>Nominal luminous flux</b>	184 lm
<b>Rated luminous flux</b>	184 lm
<b>Rated color temperature</b>	2700 K
<b>Color rendering index Ra</b>	$\geq 80$
<b>Lumen main.fact.at end of nom.life time</b>	0.70
<b>Light color (designation)</b>	Warm White
<b>Standard deviation of color matching</b>	$\leq 6$ sdc <sub>m</sub>
<b>Nominal useful luminous flux 90°</b>	184 lm
<b>Rated useful luminous flux 90°</b>	184 lm
<b>Rated peak intensity</b>	400 cd

Light technical data

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

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>	15000 h
<b>Rated lamp life time</b>	15000 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>	No
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### Certificates & standards

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

### Country specific categorizations

<b>ILCOS</b>	DRR-2,9/827-12-GU4-35/36
<b>Order reference</b>	LED5MR112036 2,

### LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075813410	ST MR11 20 36° 2.9 W/827 GU4	Shipping carton box 6	261 mm x 153 mm x 136 mm	5.43 dm <sup>3</sup>	318.00 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.

### 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)

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