

## PRODUCT DATASHEET

### SST MR11 12 V 35 36 ° 4.5 W/2700 K GU4

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



#### Areas of application

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

#### Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Easy relamping thanks to compact design and GU4 base
- Instant 100 % light, no warm-up time
- Very good color rendering ( $R_a \geq 90$ )

#### Product features

- Professional LED alternative to halogen MR11 lamps
- Dimmable (with many common dimmers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim))
- Mercury-free lamps



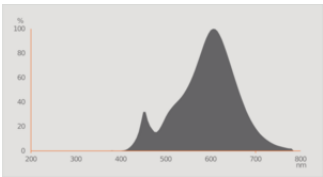
## TECHNICAL DATA

## Electrical data

Nominal wattage	4.5 W
Construction wattage	4.50 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	35 W
Nominal current	380 mA
Type of current	AC
Inrush current	10 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp number on MCB B10 A	30
Max. lamp number on MCB B16 A	48
Power factor $\lambda$	> 0.90

## Photometrical data

Luminous intensity	600 cd
Luminous flux	345 lm
Nominal useful luminous flux 90°	345 lm
Luminous efficacy	76 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	90
Light color	927
Standard deviation of color matching	≤6 sdcn
Rated peak intensity	600 cd
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



Everlight 67-23ST HKE 2700K

Light technical data

Beam angle	36 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	38.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	22.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	80 °C

Lifespan

Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

Base (standard designation)	GU4
Mercury content	0.0 mg

Mercury-free	Yes
Product remark	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

Dimmable	Yes
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### Certificates & Standards

Energy efficiency class	F <sup>1)</sup>
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE / CB
Photobiological safety group acc. to EN62778	RG1

1) Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

### Country-specific categorizations

Order reference	LSMR11D3536 4,5
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### Energy labelling regulation data acc EU 2019/2015





Light source cap-type (or other electric interface)	GU4
Correlated colour temperature type	SINGLE_VALUE
Length	38.00 mm
Height	35.00 mm
Width	35.00 mm
EPREL ID	1403182,522923,1368263,2368083

### Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

### DOWNLOAD DATA

Documents and certificates		Document name
	Declarations of conformity	MR11 M3 M2 GU4

Photometric and lighting design files		Document name
	IES file (IES)	LPMR11D3536 4.5W 827 12V GU4
	LDT file (Eulumdat)	LPMR11D3536 4.5W 827 12V GU4
	Light distribution curve type polar	LPMR11D3536 4.5W 827 12V GU4
	Spectral power distribution	Everlight 67-23ST HKE 2700K

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075433205	Blister 1	42 mm x 140 mm x 120 mm	34.00 g	0.71 dm <sup>3</sup>
4058075433229	Folding box 1	34 mm x 49 mm x 95 mm	29.00 g	0.16 dm <sup>3</sup>
4058075617032	Shipping box 6	121 mm x 109 mm x 104 mm	200.00 g	1.37 dm <sup>3</sup>
4058075433212	Shipping box 6	261 mm x 153 mm x 136 mm	340.00 g	5.43 dm <sup>3</sup>
4058075617049	Shipping box 48	258 mm x 234 mm x 234 mm	2198.00 g	14.13 dm <sup>3</sup>
4058075452954	Shipping box 80			

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 dimming conformity see [www.ledvance.com/dim](http://www.ledvance.com/dim)
- 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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