

## PRODUCT DATASHEET

### LED VALUE MR 16 36 ° 5.5 W/2700 K GU5.3

LED VALUE MR16 230 V | High-voltage LED reflector lamps MR16 with retrofit pin base



#### Areas of application

- Residential interiors
- Hospitality
- Restaurants
- Museums, art galleries

#### Product benefits

- Clear cast shadows for brilliant accent light
- Uniform illumination thanks to TIR-reflector and fly eye single optic design
- Very low energy consumption
- Good quality of light
- Easy replacement of halogen lamps thanks to compact design
- Easy and cost-effective operation
- No UV and near-IR radiation in the light beam
- Reliable operation thanks to brand quality

#### Product features

- High-quality LED replacement for halogen reflector lamps
- High color consistency: < 6 SDCM
- No electronic transformer is needed
- Surge protection: up to 1,000 V
- Mercury-free lamps



## TECHNICAL DATA

### Electrical data

Nominal wattage	5.5 W
Construction wattage	5.50 W
Nominal voltage	100...240 V
Claimed equiv. conventional lamp power	50 W
Nominal current	34 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor $\lambda$	0.70

### Photometrical data

Luminous intensity	880 cd
Luminous flux	525 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	95 lm/W
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdc <sub>m</sub>
Rated peak intensity	880 cd

### Light technical data

Beam angle	36 °
Starting time	< 0.5 s

### Dimensions & Weight

Overall length	48.00 mm
Diameter	50.00 mm

Product weight	22.00 g
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Temperatures & operating conditions

Ambient temperature range	-20...+45 °C
Maximum temperature at tc test point	≤ 100 °C

Lifespan

Number of switching cycles	100000
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Additional product data

Base (standard designation)	GU5.3
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted

Capabilities

Dimmable	No
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Certificates & Standards

Type of protection	IP20
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Country-specific categorizations

Order reference	LVMR16365,5W/82
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GU5.3
Length	48.00 mm
Height	50.00 mm
Width	50.00 mm

DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LV MR1636 5.5W 230V GU5.3
	IES files (IES, additional)	LV MR1636 5.5W 120V GU5.3

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854297335	Folding box 1	51 mm x 51 mm x 54 mm	29.00 g	0.14 dm <sup>3</sup>
4099854297342	Shipping box 10	268 mm x 113 mm x 69 mm	338.00 g	2.09 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.

DISCLAIMER

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