

## PRODUCT DATASHEET

### LED VALUE MR 16 36 ° 7.5 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	7.5 W
Construction wattage	7.50 W
Nominal voltage	100...240 V
Claimed equiv. conventional lamp power	50 W
Nominal current	82-43 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor $\lambda$	0.70

### Photometrical data

Luminous intensity	1200 cd
Luminous flux	700 lm
Nominal useful luminous flux 90°	600 lm
Luminous efficacy	93 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	80
Light color	827
Standard deviation of color matching	≤6 sdc <sub>m</sub>
Rated peak intensity	1200 cd

### Light technical data

Beam angle	36 °
Starting time	< 0.5 s

### Dimensions & Weight

Overall length	50.00 mm
Diameter	50.00 mm
Maximum diameter	50 mm
Product weight	36.00 g

### Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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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
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	No
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Certificates & Standards

Type of protection	IP20
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Country-specific categorizations







Order reference	LVMR16367,5W/82
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Energy labelling regulation data acc EU 2019/2015

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

DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LED VALUE MR16 36 7.5W
	IES file (IES)	LVMR1636 7,5W 827 110V GU5.3
	IES file (IES)	LVMR1636 7,5W 827 220V GU5.3

Photometric and lighting design files		Document name
	LDT file (Eulumdat)	LVMR1636 7,5W 827 110V GU5.3
	LDT file (Eulumdat)	LVMR1636 7,5W 827 220V GU5.3
	Light distribution curve type polar	LVMR1636 7,5W 827 110V GU5.3
	Light distribution curve type polar	LVMR1636 7,5W 827 220V GU5.3
	Light distribution curve type polar	LVMR1636 7,5W 827 110V GU5.3
	Light distribution curve type polar	LVMR1636 7,5W 827 220V GU5.3

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075229648	Folding box 1	53 mm x 53 mm x 77 mm	56.00 g	0.22 dm <sup>3</sup>
4058075229655	Shipping box 10	273 mm x 114 mm x 90 mm	643.00 g	2.80 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.