

PRODUCT DATASHEET

LED VALUE MR 16 35 36 ° 4.5 W/2700 K

GU5.3

LED VALUE MR16 12 V | Low-voltage LED reflector lamps MR16 with retrofit pin base



Areas of application

- All domestic rooms, especially where the lamps are visible
- Outdoor applications only in suitable luminaires
- Direct and indirect lighting

Product benefits

- Very low energy consumption
- No UV radiation in the light beam
- Shockproof and vibration-proof

Product features

- Not dimmable
- Base: GU5.3
- Lifetime up to 15,000 h
- 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	490 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor λ	0.70

Photometrical data

Luminous intensity	760 cd
Luminous flux	420 lm
Luminous efficacy	93 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 _m
Rated peak intensity	760 cd

Light technical data

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

Dimensions & Weight

Overall length	44.00 mm
Diameter	50.00 mm
Maximum diameter	50 mm
Product weight	32.00 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

Energy efficiency class	G ¹⁾
Type of protection	IP20
Standards	CB / EMC / RoHS

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

Country-specific categorizations

Order reference	LVMR163536 4,5W
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GU5.3
Length	44.00 mm
Height	50.00 mm
Width	50.00 mm

EQUIPMENT / ACCESSORIES

- Equipped with high-power LEDs
- Suitable for many commercially available conventional transformers

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075587571	Folding box 1	49 mm x 49 mm x 62 mm	39.00 g	0.15 dm ³
4058075587588	Shipping box 10	255 mm x 107 mm x 72 mm	453.00 g	1.96 dm ³
4099854263439	Shipping box 10	255 mm x 107 mm x 72 mm	443.00 g	1.96 dm ³

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.