

LED STAR MR16 35 36° 5 W/827 GU5.3

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



Areas of application

- Shops
- Hospitality
- Museums, art galleries
- Residential interiors
- As a downlight for marking walkways, doors, stairs, etc.
- Spotlighting for accents
- Display cabinets and shop windows
- Spotlighting heat-sensitive objects such as food, plants, etc.
- Outdoor applications only in suitable luminaires

Product benefits

- Long lifetime of up to 15,000 h
- Low energy consumption
- Easy replacement of halogen lamps due to compact full glass design and single optic
- Instant 100 % light, no warm-up time
- Ideal for economical spotlighting

Product features

- LED alternative to conventional low voltage lamps
- Compatible with many common electronic control gears (see also compatibility list)
- Made in Germany (versions up to incl. 35 W)
- Mercury-free lamps



Technical data

Electrical data

Rated wattage	4.50 W
Nominal wattage	5.00 W
Nominal voltage	12.0 V
Claimed equiv. conventional lamp power	35 W
Operating frequency	50...60 Hz
Power factor λ	> 0.60

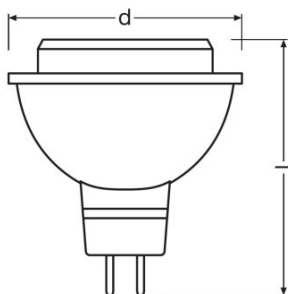
Photometrical data

Luminous intensity	950 cd
Nominal luminous flux	350 lm
Rated luminous flux	350 lm
Color temperature	2700 K
Color rendering index Ra	80
Light color (designation)	Warm White
Standard deviation of color matching	≤ 6 sdc _m
Nominal useful luminous flux 90°	350 lm
Rated useful luminous flux 90°	350 lm
Rated peak intensity	950 cd

Light technical data

Beam angle	36 °
Warm-up time (60 %)	0.20 s
Starting time	0.1 s
Nominal beam angle	36 °
Rated beam angle (half peak value)	36.00 °

Dimensions & weight



Overall length	51.7 mm
Diameter	49.8 mm
Outer bulb	MR51
Length	51.7 mm
Maximum diameter	50.0 mm

Lifespan

Nominal lamp life time	15000 h
Rated lamp life time	15000 h
Number of switching cycles	100000
Lumen main.fact.at end of nom.life time	0.70

Additional product data

Base (standard designation)	GU5.3
Mercury content	0.0 mg
Mercury-free	Yes
Appropriate disposal acc. to WEEE	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

Product datasheet

Energy efficiency class	A+
Energy consumption	5 kWh/1000h

Country specific categorizations

ILCOS	DRR-5/827-12-GU5.3-50/36
Order reference	STM163536 5W/8

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899944381	LED STAR MR16 35 36° 5 W/827 GU5.3	Shipping carton box 6	322 mm x 154 mm x 135 mm	6.69 dm ³	467.00 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.osram.com/ledlamps

For Guarantee see

▶ www.osram.com/guarantee

Further information see

▶ www.osram.com/low-voltage-ledlamps

Disclaimer

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