

PRODUCT DATASHEET

LED PFM MR16 36 ° 7.5 W/3000 K GU5.3

LED PERFORMANCE MR 16 12 V | Low-voltage LED reflector lamps MR16 with retrofit pin base



Areas of application

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

Product benefits

- Attractive lamp appearance
- Easy replacement of halogen lamps due to compact full glass design and single optic
- Clear cast shadows for brilliant accent light
- Good quality of light
- Creation of the preferred light ambience thanks to dimming
- Very low energy consumption
- Easy installation
- Very high dimmer compatibility, see also www.ledvance.com/dim
- No UV and near-IR radiation in the light beam
- Reliable operation thanks to brand quality

Product features



- Single optic design
- Input voltage: 12 V_{AC}
- Mercury-free lamps
- Lifetime up to 25,000 h
- Dimmable
- High color consistency: ≤ 6 SDCM

TECHNICAL DATA

Electrical data

Nominal wattage	7.5 W
Construction wattage	7.50 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	50 W
Nominal current	650 mA
Type of current	AC/DC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor λ	> 0.90

Photometrical data

Luminous intensity	1250 cd
Luminous flux	700 lm
Nominal useful luminous flux 90°	700 lm
Luminous efficacy	93 lm/W
Light color (designation)	Warm White
Color temperature	3000 K
Color rendering index Ra	> 90
Light color	930
Rated peak intensity	1250 cd

Light technical data

Beam angle	36 °
Starting time	< 0.5 s

Dimensions & Weight

Overall length	44.00 mm
Diameter	50.00 mm
Maximum diameter	50 mm
Product weight	45.00 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	Yes
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Certificates & Standards

Type of protection	IP20
Standards	CB / EMC / RoHS

Country-specific categorizations

Order reference	LPMR165036 7,5W
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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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075540200	Folding box 1	49 mm x 49 mm x 62 mm	52.00 g	0.15 dm ³
4058075540217	Shipping box 10	255 mm x 107 mm x 72 mm	553.00 g	1.96 dm ³
4099854025778	Shipping box 10	255 mm x 107 mm x 72 mm	573.00 g	1.96 dm ³
4099854474170	Shipping box 10	255 mm x 107 mm x 72 mm	573.00 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.