

## PRODUCT DATASHEET

### LED PFM MR16 60 ° 7.5 W/6500 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](http://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<sub>AC</sub>
- Mercury-free lamps
- Lifetime: up to 25,000 h
- Dimmable
- High color consistency:  $\leq 6$  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	734 mA
Type of current	AC/DC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor $\lambda$	$\geq 0.90$

### Photometrical data

Luminous intensity	665 cd
Luminous flux	760 lm
Nominal useful luminous flux 90°	621 lm
Luminous efficacy	101 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Daylight
Color temperature	6500 K
Color rendering index Ra	$\geq 80$
Light color	865
Standard deviation of color matching	$\leq 5$ sdc <sub>m</sub>
Rated peak intensity	665 cd

### Light technical data

Beam angle	60 °
Starting time	< 0.5 s

### Dimensions & Weight

Overall length	46.00 mm
Diameter	50.00 mm
Maximum diameter	50 mm
Product weight	43.00 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
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Country-specific categorizations

Order reference	LPMR1650607,5W/
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GU5.3
Length	46.00 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
4058075535459	Folding box 1	54 mm x 54 mm x 93 mm	63.00 g	0.27 dm³
4099854025853	Shipping box 10	282 mm x 118 mm x 108 mm	778.00 g	3.59 dm³

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.