

PRODUCT DATASHEET

LED PFM MR16 60° 7 W/4000K GU5.3 Ra 80

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

- High color consistency: ≤ 5 SDCM
- Single optic design



- Input voltage: 12 V_{AC}
- Mercury-free lamps
- Lifetime: up to 25,000 h
- Dimmable

TECHNICAL DATA

Electrical data

Rated wattage	7.00 W
Nominal wattage	7.00 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	50 W
Operating frequency	50/60 Hz
Power factor λ	0.89

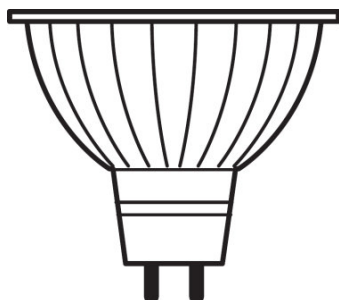
Photometrical data

Nominal luminous flux	630 lm
Rated luminous flux	630 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Luminous flux	630 lm
Color rendering index Ra	80
Standard deviation of color matching	≤ 5 sdc _m
Rated color temperature	4000 K
Color rendering index Ra	80
Nominal useful luminous flux 90°	630 lm
Rated useful luminous flux 90°	630 lm
Rated peak intensity	760 cd

Light technical data

Beam angle	60 °
Starting time	< 0.5 s
Nominal beam angle	60 °
Rated beam angle (half peak value)	60.00 °

Dimensions & weight



Overall length	44.0 mm
Diameter	50.0 mm
Outer bulb	MR51
Length	44.0 mm

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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Lifespan

Nominal lamp life time	25000 h
Rated lamp life time	25000 h
Number of switching cycles	100000

Additional product data

Base (standard designation)	GU5.3
Mercury content	0.0 mg
Mercury-free	Yes
Show WEEE picto	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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Country-specific categorizations

Order reference	LPMR165060 7W/8
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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075166042	Blister 1	90 mm x 50 mm x 80 mm	56.00 g	0.36 dm ³
4058075170742	Shipping carton box 6	317 mm x 101 mm x 159 mm	497.00 g	5.09 dm ³
4058075170759	Shipping carton box 48	422 mm x 331 mm x 343 mm	4714.00 g	47.91 dm ³
4058075291447	Folding carton box 1	54 mm x 54 mm x 93 mm	70.00 g	0.27 dm ³
4058075291454	Shipping carton box 10	282 mm x 118 mm x 108 mm	828.00 g	3.59 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.