

# Product datasheet

## P MR16 50 36° 7.2 W/830 GU5.3

**PARATHOM MR16 | Low-voltage LED reflector lamps MR16 with retrofit pin base**



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

- - 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 spotighting
- Product features- Professional LED alternative to low voltage halogen lamps- Made in Germany (versions up to 35 W)- Mercury-free lampsProduct 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 spotightingAreas of application- Shops- Hospitality- Museums, art galleries- Residential interiors- As a downlight for marking walkways, doors, stairs, etc.- Spotighting for accents- Display cabinets and shop windows- Spotighting heat-sensitive objects such as food, plants, etc.- Outdoor applications only in suitable luminairesEquipment / Accessories- Equipped with high-power LEDsReferences / LinksFor further products and actual information concerning LED lamps see '[www.ledvance.com/ledlamps](http://www.ledvance.com/ledlamps)'For Guarantee see '[www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)'Further information see '[www.ledvance.com/low-voltage-ledlamps](http://www.ledvance.com/low-voltage-ledlamps)'



## Product datasheet

### Technical data

#### Electrical data

Rated wattage	7.20 W
Nominal wattage	7.20 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	50 W

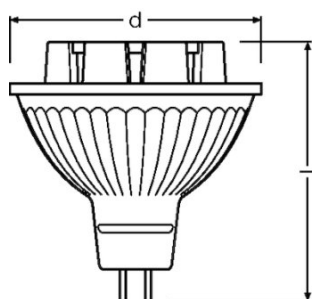
#### Photometrical data

Luminous intensity	1430 cd
Nominal luminous flux	621 lm
Rated luminous flux	621 lm
Rated color temperature	3000 K
Color rendering index Ra	≥80
Light color (designation)	Warm White
Standard deviation of color matching	≤6 sdc <sub>m</sub>
Nominal useful luminous flux 90°	621 lm
Rated useful luminous flux 90°	621 lm
Rated peak intensity	1430 cd
Lumen main.fact.at end of nom.life time	0.70

#### Light technical data

Beam angle	36 °
Nominal beam angle	36 °
Rated beam angle (half peak value)	36.00 °
Starting time	< 0.5 s

#### Dimensions & weight



Overall length	53.0 mm
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Diameter	51.0 mm
Outer bulb	MR51
Length	53.0 mm
Maximum diameter	51.0 mm

### Lifespan

Nominal lamp life time	15000 h
Rated lamp life time	15000 h
Number of switching cycles	100000

### 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

Energy efficiency class	A+
Energy consumption	8 kWh/1000h

### Country specific categorizations

ILCOS	DRR-7,2/830-12-GU5,3-50/36
Order reference	LPMR165036 7,2W

### Equipment / Accessories

– Equipped with high-power LEDs

### Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
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4058075815575	P MR16 50 36° 7.2 W/830 GU5.3	Shipping carton box 10 Pieces Folding carton box	255 mm x 107 mm x 72 mm	1.96 dm <sup>3</sup>	501.40 g
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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.

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### References / Links

For further products and actual information concerning LED lamps see

- ▶ [www.osram.com/ledlamps](http://www.osram.com/ledlamps)

For Guarantee see

- ▶ [www.osram.com/guarantee](http://www.osram.com/guarantee)

Further information see

- ▶ [www.osram.com/low-voltage-ledlamps](http://www.osram.com/low-voltage-ledlamps)

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### Disclaimer

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

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