PARATHOM PRO MR16 35 36° ADV 6.9 W/930 GU5.3

PARATHOM PRO MR16 | Dimmable 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

- Short payback period thanks to low energy consumption and maintenance costs
- Premium light quality thanks to high color rendering index and narrow binning
- Easy replacement of halogen lamps due to compact full glass design and single optic

Product features

- Very high color rendering (R_a: 90)
- Very high color consistency: ≤ 4 SDCM
- Dimmable (with many common dimmers, see also www.osram.com/dim)
- Made in Germany (versions up to 20 W)
- Mercury-free lamps

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Technical data

Electrical data

Rated wattage	6.90 W
Nominal wattage	6.90 W
Nominal voltage	12.0 V
Claimed equiv. conventional lamp power	35 W
Operating frequency	50…60 Hz
Power factor λ	0.80

Photometrical data

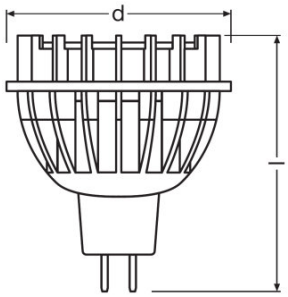
Luminous intensity	900 cd
Rated luminous flux	350 lm
Rated color temperature	3000 K
Color rendering index Ra	≥90
Light color (designation)	Warm White
Standard deviation of color matching	≤4 sdcm
Nominal luminous flux	350 lm
Nominal useful luminous flux 90°	400 lm
Rated useful luminous flux 90°	400 lm
Rated peak intensity	900 cd
Lumen main.fact.at end of nom.life time	0.70

Light technical data

Beam angle	36.00 °
Warm-up time (60 %)	0.20 s
Nominal beam angle	36.00 °
Rated beam angle (half peak value)	36.00 °
Starting time	0.2 s

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Dimensions & weight



Overall length	55.8 mm
Diameter	49.6 mm
Outer bulb	MR51
Length	55.8 mm
Maximum diameter	50.0 mm

Lifespan

Nominal lamp life time	35000 h
Rated lamp life time	35000 h
Number of switching cycles	1000000

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 lampDue 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 [1)]

[1)] With many common dimmers, see also www.ledvance.com/dim

Certificates & standards

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Product datasheet

Energy efficiency class	A
Energy consumption	7 kWh/1000h

Country specific categorizations

ILCOS	DRR-8-12-GU5,3-50/36
Order reference	PPMR16D3536 6,9



Guarantee

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899944077	PARATHOM PRO MR16 35 36° ADV 6.9 W/930 GU5.3	Shipping carton box 10 Pieces Folding carton box	267 mm x 111 mm x 69 mm	2.04 dm^3	685.00 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 dimming conformity see
- www.osram.com/DIM

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

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