
P ADV MR16 GLdim 33 36° 5 W/827 GU5.3

PARATHOM ADVANCED MR16 GLOWdim | LED reflector lamps MR16 with GLOWdim effect



Areas of application

- Hospitality
- Historical buildings
- Residential interiors
- Marine lighting
- Outdoor applications only in suitable luminaires

Product benefits

- Provides an especially warm light when dimmed down
- Directly controllable via standard dimmer, no remote control required
- Can be easily combined with other GLOWdim products in one application
- Very long lifetime of up to 25,000 h
- Low energy consumption
- Easy relamping thanks to compact design

Product features

- LED alternative to conventional lamps
- Dimming changes light color from warm white (2,700 K) to extra warm white (2,000 K)
- Good quality of light; color rendering index $R_a \geq 80$
- Mercury-free lamps



Technical data

Electrical data

Rated wattage	5.00 W
Nominal wattage	5.00 W
Nominal voltage	12.0 V
Claimed equiv. conventional lamp power	33 W
Operating frequency	50...60 Hz
Power factor λ	< 0.70

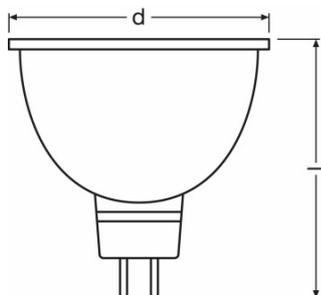
Photometrical data

Luminous intensity	850 cd
Nominal luminous flux	330 lm
Range of adjustable color temperature	2000...2700 K
Rated luminous flux	330 lm
Color temperature	2700 K
Color rendering index Ra	≥ 80
Light color (designation)	Warm White
Standard deviation of color matching	≤ 6 sdcM
Nominal useful luminous flux 90°	330 lm
Rated useful luminous flux 90°	330 lm
Rated peak intensity	850 cd
Nom. useful luminous flux 120°	350 lm
Rated useful luminous flux 120°	350 lm

Light technical data

Beam angle	36 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Nominal beam angle	36 °
Rated beam angle (half peak value)	36.00 °

Dimensions & weight



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

Lifespan

Nominal lamp life time	25000 h
Rated lamp life time	25000 h
Number of switching cycles	100000
Lumen main.fact.at end of nom.life time	0.70

Additional product data

Base (standard designation)	GU5.3
Lamp mercury content	0.0 mg
Mercury-free	Yes
Appropriate disposal acc. to WEEE	Yes

Capabilities

Dimmable	Yes
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Certificates & standards

Energy efficiency class	A+
Energy consumption	5 kWh/1000h

Country specific categorizations

ILCOS	DRR-5/827-12-GU5.3-50/36
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Product datasheet

Order reference	PMR16GLDIM33 5W
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Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899938694	P ADV MR16 GLdim 33 36° 5 W/827 GU5.3	Shipping carton box 10	267 mm x 111 mm x 69 mm	2.04 dm ³	668.00 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.

Disclaimer

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