Product datasheet
P MR16 DIM 3.4 W/827 GU5.3

PARATHOM MR16 DIM | Dimmable low-voltage LED reflector lamps MR16 with retrofit pin base



- Shops and exhibition rooms Domestic applications Commercial applications Accent lighting Outdoor use in outdoor luminaires only (minimum IP65)

- Quick, simple and safe replacement without rewiring Design, dimensions, luminous flux comparable to an incandescent or halogen lamp Low maintenance costs thanks to long lifetime No UV and near-IR radiation in the light beam Stepless dimming Very high dimmer compatibility, see also "www.ledvance.com/dim" Compatible with many common conventional and electronic control gears (see also "compatibility list") Instant 100 % light, no warm-up time

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Technical data

Electrical data

Rated wattage	3.40 W
Nominal wattage	3.40 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	20 W
Operating frequency	50…60 Hz
Nominal current	0.53 A

Photometrical data

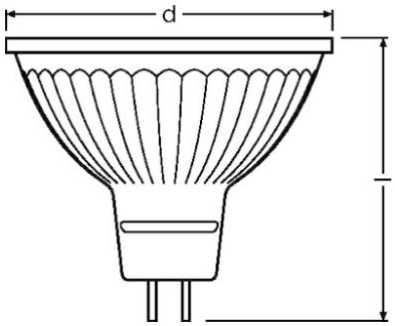
Nominal luminous flux	230 lm
Rated luminous flux	230 lm
Rated color temperature	2700 K
Color rendering index Ra	≥80
Light color (designation)	Warm White
Standard deviation of color matching	≤5 sdcm
Nominal useful luminous flux 90°	230 lm
Rated useful luminous flux 90°	230 lm
Rated peak intensity	600 cd
Color temperature	2700 K
Luminous flux	230 lm
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

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Dimensions & weight



Overall length	46.0 mm
Diameter	51.0 mm
Outer bulb	MR51
Product weight	38.00 g
Length	46.0 mm
Maximum diameter	51.0 mm

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C

Lifespan

Nominal lamp life time	25000 h
Rated lamp life time	25000 h
Number of switching cycles	100000
Lumen maintenance at end of service life	0.70

Additional product data

Base (standard designation)	GU5.3
Mercury content	0.0 mg
Mercury-free	Yes
Appropriate disposal acc. to WEEE	Yes
Successor EAN	4058075431577
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

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Predecessor EAN	4052899957589

Capabilities

Dimmable	Yes

Certificates & standards

Energy efficiency class	A+
Energy consumption	4 kWh/1000h
Type of protection	IP20

Country specific categorizations

Order reference	LPMR16D2036 3,4

Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACh)	
Date of Declaration	18-04-2022
Primary Article Identifier	4058075094871
Declaration No. in SCIP database	In work

Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Disclaimer

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

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