

PARATHOM MR16 35 36° 7 W/827

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



Areas of application

- As a downlight for marking walkways, doors, stairs, etc.
- Exhibitions, department stores
- Outdoor use in outdoor luminaires only (minimum IP65)
- Directional light sources
- Museums
- Hospitality
- Shops

Product benefits

- Very low energy consumption
- Extremely long life
- Robust against vibrations
- No UV and near-IR radiation in the light beam
- Efficient generation of white light
- Excellent price/performance ratio

Product features

- Professional LED lamp
- Not dimmable
- Base: GU5.3
- Good color rendering ($R_a \geq 80$) and color stability throughout the life of the lamp
- Lifetime: up to 15,000 h
- Mercury-free lamps
- Color temperature: 2,700 K
- High color consistency



Technical data

Electrical data

Rated wattage	5.60 W
Nominal wattage	5.60 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	35 W
Operating frequency	50...60 Hz
Power factor λ	0.72
Energy consumption	7 kWh/1000h

Photometrical data

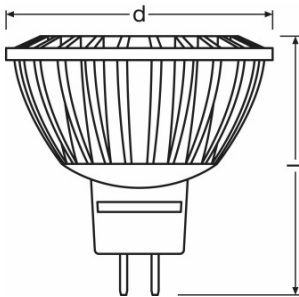
Luminous intensity	800 cd
Nominal luminous flux	350 lm
Rated luminous flux	350 lm
Color temperature	2700 K
Lumen main.fact.at end of nom.life time	0.70
Light color as per EN 12464-1	Warm White
Standard deviation of color matching	≤ 6 sdc _m
Nominal useful luminous flux 90°	350 lm
Rated useful luminous flux 90°	350 lm
Rated peak intensity	800 cd

Light technical data

Beam angle	36 °
Warm-up time (60 %)	0.20 s
Starting time	0.1 s
Nominal beam angle	36.00 °
Rated beam angle (half peak value)	36.00 °

Dimensions & weight

Product datasheet



Product line drawing

Overall length	51.0 mm
Diameter	50.0 mm
Outer bulb	A50
Length	51.0 mm
Maximum diameter	50.0 mm

Colors & materials

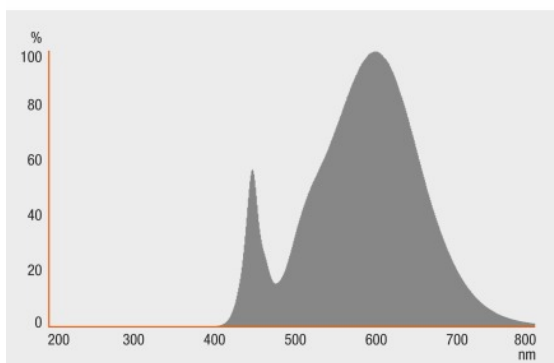
Lamp mercury content	0.0 mg
Mercury-free	Yes

Lifespan

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

Additional product data

Product datasheet



Spectral power distribution

Base (standard designation)	GU5.3
New article	NEW
Appropriate disposal acc. to WEEE	Yes
Footnote only for product	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
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Country specific categorizations

ILCOS	DRR-7-12-GU5,3-50/36
Order reference	PMR163536 5.6W/

Country specific information

Product datasheet

Product code	METEL-Code	SEG number	STK number	UK Org
4052899910782	-	8334273	4730358	-

Product datasheet



Guarantee

Equipment / Accessories

- Equipped with high-power LEDs
- Suitable for many commercially available electronic or conventional transformers

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4052899910782	PARATHOM MR16 35 36° 7 W/827	Folding carton box 1	55 mm x 52 mm x 52 mm	0.15 dm ³	64.00 g
4052899154759	PARATHOM MR16 35 36° 7 W/827	Shipping carton box 10	69 mm x 111 mm x 267 mm	2.04 dm ³	725.00 g
4052899910799	PARATHOM MR16 35 36° 7 W/827	Shipping carton box 10	71 mm x 114 mm x 271 mm	2.19 dm ³	707.00 g
4008321879882	PARATHOM MR16 35 36° 7 W/827	Shipping carton box 90	- x - x -		
4052899154766	PARATHOM MR16 35 36° 7 W/827	Shipping carton box 80	- x - x -		

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 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

Disclaimer

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