

# PRODUCT DATASHEET P MR16 35 36° 4.6 W/3000 K GU5.3

PARATHOM MR16 | 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**

- 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 spotlighting

#### **PRODUCT FEATURES**

- Professional LED alternative to low voltage halogen lamps
- Made in Germany (versions up to 35 W)
- Mercury-free lamps



# **TECHNICAL DATA**

## Electrical data

Rated wattage	4.60 W	
Nominal wattage	4.60 W	
Nominal voltage	12 V	
Claimed equiv. conventional lamp power	35 W	
Max. lamp no. on circuit break. 10 A (B)	21	
Max. lamp no. on circuit break. 16 A (B)	35	
Power factor λ	> 0.50	

## Photometrical data

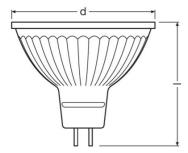
Nominal luminous flux	350 lm	
Rated luminous flux	350 lm	
Rated color temperature	3000 K	
Lumen main.fact.at end of nom.life time	0.70	
Light color (designation)	Warm White	
Color temperature	3000 K	
Luminous flux	350 lm	
Color rendering index Ra	≥80	
Standard deviation of color matching	≤6 sdcm	
Color rendering index Ra	≥80	
Nominal useful luminous flux 90°	350 lm	
Rated useful luminous flux 90°	350 lm	
Rated peak intensity	950 cd	

# 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 °	

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# Dimensions & weight



Overall length	46.0 mm
Diameter	51.0 mm
Outer bulb	MR51
Length	46.0 mm
Maximum diameter	51.0 mm

# Temperatures & operating conditions

Maximum temperature at tc test point	77 °C
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## 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	Yes  Yes  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	
Mercury-free		
Show WEEE picto		
Product remark		

# Capabilities

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## Certificates & standards

Energy efficiency class	A+

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

#### Country-specific categorizations

Order reference	LEDPMR163536 4,
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#### **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
4058075815513	P MR16 35 36° 4.6 W/3000 K GU5.3	Shipping carton box 10	257 mm x 110 mm x 70 mm	1.98 dm³	498.00 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 further products and actual information concerning LED lamps see

www.ledvance.com/ledlamps

For Guarantee see

www.ledvance.com/guarantee

Further information see

www.ledvance.com/low-voltage-ledlamps

## **DISCLAIMER**

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