

# PRODUCT DATASHEET

## P MR11 35 36° 4.5 W/2700K GU4

PARATHOM DIM MR11 | LED SUPERSTAR PIN G4 12 V DIM



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### AREAS OF APPLICATION

- Display cabinets and shop windows
- Museums, art galleries
- Exhibition rooms
- Hospitality
- Residential interiors
- As a downlight for marking walkways, doors, stairs, etc.
- Outdoor applications only in suitable luminaires

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### PRODUCT BENEFITS

- Very long lifetime of up to 25,000 h
- Low energy consumption
- Easy relamping thanks to compact design and GU4 base
- Instant 100 % light, no warm-up time

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### PRODUCT FEATURES

- Professional LED alternative to halogen MR11 lamps
- Good color rendering index  $R_a: \geq 80$
- Dimmable (with many common dimmers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim))
- Mercury-free lamps



## TECHNICAL DATA

### Electrical data

Rated wattage	4.50 W
Nominal wattage	4.50 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	35 W
Max. lamp no. on circuit break. 10 A (B)	30
Max. lamp no. on circuit break. 16 A (B)	48
Operating frequency	50...60 Hz
Power factor $\lambda$	> 0.90

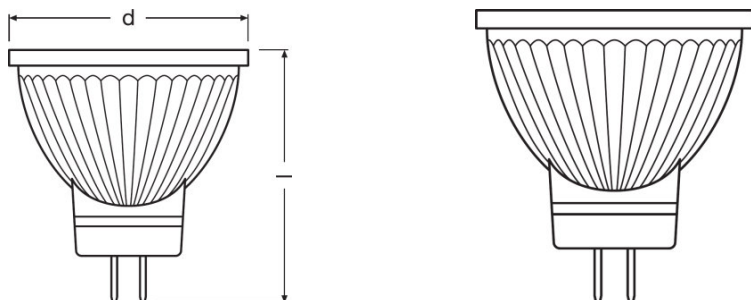
### Photometrical data

Luminous intensity [PIM]	800 cd
Nominal luminous flux	345 lm
Rated luminous flux	345 lm
Rated color temperature	2700 K
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	345 lm
Color rendering index Ra	≥80
Standard deviation of color matching	≤6 sdcn
Color rendering index Ra	≥80
Nominal useful luminous flux 90°	345 lm
Rated useful luminous flux 90°	345 lm
Rated peak intensity	600 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 °

## Dimensions &amp; weight



Overall length	38.0 mm
Diameter	35.0 mm
Outer bulb	MR35
Length	38.0 mm
Maximum diameter	35.0 mm

## Temperatures &amp; operating conditions

Maximum temperature at tc test point	80 °C
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## Lifespan

Nominal lamp life time	25000 h
Rated lamp life time	25000 h
Number of switching cycles	100000

## Additional product data

Base (standard designation)	GU4
Mercury content	0.0 mg
Mercury-free	Yes
Show WEEE picto	Yes
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

## Capabilities

Dimmable	Yes
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## Certificates &amp; standards

Energy efficiency class	A+
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## Energy consumption

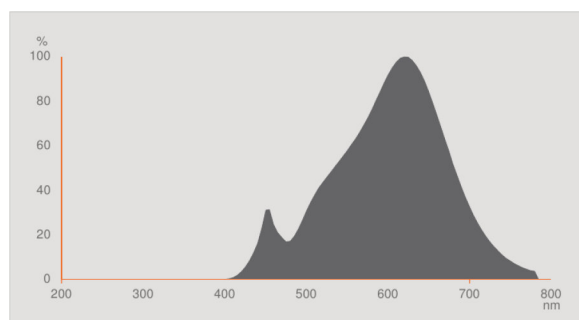
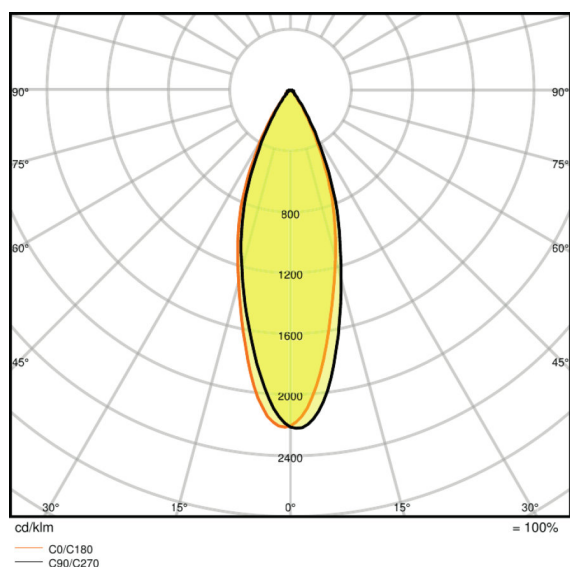
5 kWh/1000h

## Country-specific categorizations

## Order reference

LPMR11D3536 4,5

## Light Distribution



LDC typ polar

Spectral power distribution

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075264007	Folding carton box 1	36 mm x 36 mm x 46 mm	26.00 g	0.06 dm <sup>3</sup>
4058075264014	Shipping carton box 10	188 mm x 78 mm x 55 mm	288.00 g	0.81 dm <sup>3</sup>
4058075284227	Shipping carton box 80	201 mm x 169 mm x 240 mm	2488.00 g	8.15 dm <sup>3</sup>

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](http://www.ledvance.com/ledlamps)

For Guarantee see

▶ [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

Further information see

▶ [www.ledvance.com/low-voltage-ledlamps](http://www.ledvance.com/low-voltage-ledlamps)

For dimming conformity see

▶ [www.ledvance.com/dim](http://www.ledvance.com/dim)

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