PRODUCT DATASHEET
P MR11 35 36 ° 4.5 W/2700 K GU4

PARATHOM® DIM MR11 | Dimmable low-voltage LED reflector lamps MR11 with retrofit pin base



Areas of application

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

Product benefits

- 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

Product features

- LED alternative to low voltage halogen lamps
- High color consistency: ≤ 6 SDCM





© 2022, LEDVANCE GmbH. All rights reserved.

- Dimmable
- Base: G4
- Lamp made of glass
- Very high color rendering (R_a: 90)
- Lifetime: up to 25,000 h

© 2022, LEDVANCE GmbH. All rights reserved.

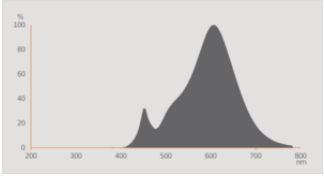
TECHNICAL DATA

Electrical data

Nominal wattage	4.5 W
Construction wattage	4.50 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	35 W
Nominal current	380 mA
Type of current	AC
Inrush current	10 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	30
Max. lamp no. on circuit break. 16 A (B)	48
Power factor λ	> 0.50

Photometrical data

Luminous intensity	600 cd
Luminous flux	345 lm
Nominal useful luminous flux 90°	345 lm
Luminous efficacy	76 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥90
Light color	927
Standard deviation of color matching	≤6 sdcm
Rated peak intensity	600 cd
Rated LLMF at 6,000 h	0.80



© 2022, LEDVANCE GmbH. All rights reserved.

Light technical data

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

Dimensions & Weight



Overall length	38.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	22.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	80 °C

Lifespan

Nominal lamp life time	25000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,000	≥ 0.90

Additional product data

Base (standard designation)	GU4
Mercury content	0.0 mg

Capabilities

Dimmable	Yes

Certificates & Standards

Energy efficiency class	G [1)]
Energy consumption	5.00 kWh/1000h

© 2022, LEDVANCE GmbH. All rights reserved.

Type of protection	IP20
Standards	CE / EAC / CB
Photobiological safety group acc. to EN62778	RG1

1) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Country-specific categorizations

Order reference	LPMR11D3536 4,5

Energy labellling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	DLS
Mains or non-mains	NMLS
Light source cap-type (or other electric interface)	GU4
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Claim of equivalent power	Yes
Length	38.00 mm
Height	35.00 mm
Width	35.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	1
Beam angle	NARROW_CONE_90
Survival factor	0.90
LED light source replaces a fluorescent light source	yes
EPREL ID	522923
Model number	AC32696

DOWNLOAD DATA

© 2022, LEDVANCE GmbH. All rights reserved.

	DOWNLOAD DATA
PDF	Declarations of conformity LED lamp MR11

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075636644	Folding box 1	36 mm x 36 mm x 46 mm	27.00 g	0.06 dm^3
4058075636651	Shipping box 10	188 mm x 78 mm x 69 mm	303.00 g	1.01 dm^3
4058075637504	Shipping box 80	201 mm x 169 mm x 240 mm	2567.00 g	8.15 dm^3

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
- For dimming conformity see www.ledvance.com/dim

DISCLAIMER

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

© 2022, LEDVANCE GmbH. All rights reserved.