

PRODUCT DATASHEET P MR11 20 36 ° 2.5 W/4000 K GU4

PARATHOM® MR11 12 V | 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 suitable outdoor luminaires only

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
- Compatible with many common conventional and electronic control gears (see also compatibility list)
- Instant 100 % light, no warm-up time
- Lower energy consumption than incandescent or halogen lamps

Product features

- LED alternative to low voltage halogen lamps
- High color consistency: ≤ 6 SDCM
- Not dimmable





- Base: GU4
- Lamp made of glass
- Good quality of light; color rendering index $CRI \ge 80$
- Lifetime up to 15,000 h

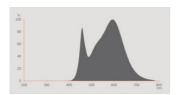
TECHNICAL DATA

Electrical data

Nominal wattage	2.5 W
Construction wattage	2.50 W
Nominal voltage	12 V
Operating mode	12V AC/DC
Claimed equiv. conventional lamp power	20 W
Nominal current	310 mA
Type of current	AC
Inrush current	< 18 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	35
Max. lamp number on MCB B16 A	55
Power factor λ	> 0.50

Photometrical data

Luminous intensity	400 cd
Luminous flux	184 lm
Nominal useful luminous flux 90°	184 lm
Luminous efficacy	73 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	80
Light color	840
Standard deviation of color matching	≤6 sdcm
Rated peak intensity	400 cd
Rated LLMF at 6,000 h	0.80

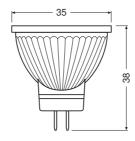


Everlight 67-23ST KKE 4000K

Light technical data

Beam angle	36 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	38.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	17.00 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	75 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

Base (standard designation)	GU4
Mercury content	0.0 mg

Capabilities

Dimmable

Certificates & Standards

Energy efficiency class	G 1)
Energy consumption	3.00 kWh/1000h
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	LEDPMR112036 2,	
Energy labelling 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	0.382	
Chromaticity coordinate y	0.380	
R9 Colour rendering index	1	
Beam angle correspondence	NARROW_CONE_90	
Survival factor	0.90	
LED light source replaces a fluorescent light source	Yes	
EPREL ID	522968	
Model number	AC32695	

DOWNLOAD DATA

	Documents and certificates	Document name	
POF	Declarations of conformity	LED lamp MR11	
	Photometric and lighting design files	Document name	



Spectral power distribution

Everlight 67-23ST KKE 4000K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075636569	Folding box	36 mm x 36 mm x 46 mm	22.00 g	0.06 dm ³
4058075636576	Shipping box 10	188 mm x 78 mm x 69 mm	253.00 g	1.01 dm ³
4058075637498	Shipping box 80	201 mm x 169 mm x 240 mm	2167.00 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

DISCLAIMER

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