

PRODUCT DATASHEET

PPRO MR16 43 36 ° 7.8 W/4000 K GU5.3

PARATHOM® PRO MR16 | Dimmable low-voltage LED reflector lamps MR16 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
- 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
- Lower energy consumption than incandescent or halogen lamps

Product features

- LED alternative to low voltage halogen lamps



- High color consistency: ≤ 3 SDCM
- Dimmable
- Base: GU5.3
- Lamp made of glass
- Excellent color rendering ($R_a: 97$)
- Lifetime up to 40,000 h

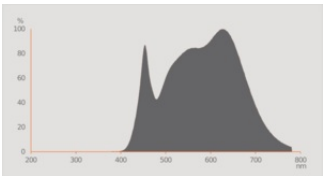
TECHNICAL DATA

Electrical data

Nominal wattage	7.8 W
Construction wattage	7.80 W
Nominal voltage	12 V
Claimed equiv. conventional lamp power	43 W
Nominal current	720 mA
Type of current	AC/DC
Max. lamp number on MCB B10 A	22
Max. lamp number on MCB B16 A	36
Power factor λ	0.90

Photometrical data

Luminous intensity	850 cd
Luminous flux	500 lm
Nominal useful luminous flux 90°	500 lm
Luminous efficacy	64 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	97
Light color	940
Standard deviation of color matching	≤ 3 sdc _m
Rated peak intensity	850 cd
Rated LLMF at 6,000 h	0.80



Everlight 67-23ST RKE 4000K

Light technical data

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

Dimensions & Weight

Overall length	46.00 mm
Diameter	51.00 mm
Maximum diameter	51 mm
Product weight	43.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	102 °C

Lifespan

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)	GU5.3
Mercury content	0.0 mg

Capabilities

Dimmable	Yes
----------	-----

Certificates & Standards

Energy efficiency class	G
Energy consumption	9.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG1

Country-specific categorizations


Order reference	RLMR16D4336 7,8
-----------------	-----------------

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GU5.3
---	-------

Correlated colour temperature type	SINGLE_VALUE
Length	46.00 mm
Height	51.00 mm
Width	51.00 mm
EPREL ID	523026

DOWNLOAD DATA

Photometric and lighting design files		Document name
	Spectral power distribution	Everlight 67-23ST RKE 4000K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008597197376	Folding box 1	49 mm x 49 mm x 62 mm	50.00 g	0.15 dm ³
4008597597374	Shipping box 10	255 mm x 107 mm x 72 mm	553.00 g	1.96 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 dimming conformity see www.ledvance.com/dim
- 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.