

PRODUCT DATASHEET

PPRO PAR 16 80 36 ° 8.7 W/2700 K GU10

PARATHOM® PRO PAR16 | Dimmable LED reflector lamps PAR16 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
- Instant 100 % light, no warm-up time

Product features

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 3 SDCM
- Dimmable
- Base: GU10
- Lamp made of glass
- Excellent color rendering CRI > 97



- Lifetime up to 40,000 h

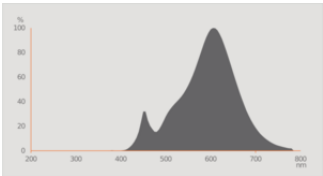
TECHNICAL DATA

Electrical data

Nominal wattage	8.7 W
Construction wattage	8.70 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	80 W
Nominal current	45 mA
Type of current	AC
Inrush current	7.5 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp number on MCB B10 A	129
Max. lamp number on MCB B16 A	206
Power factor λ	> 0.80

Photometrical data

Luminous intensity	1000 cd
Luminous flux	575 lm
Nominal useful luminous flux 90°	575 lm
Luminous efficacy	66 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	97
Light color	927
Standard deviation of color matching	≤3 sdcn
Rated peak intensity	1000 cd
Rated LLMF at 6,000 h	0.80



Everlight 67-23ST HKE 2700K

Light technical data

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

Dimensions & Weight

Overall length	62.00 mm
Diameter	51.00 mm
Maximum diameter	51 mm
Product weight	56.00 g

Temperatures & operating conditions

Maximum temperature at tc test point	80 °C
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Lifespan

Number of switching cycles	1000000
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)	GU10
Mercury content	0.0 mg
Mercury-free	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 & Standards

Energy efficiency class	A+ ¹⁾
Energy consumption	8.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

Order reference	LPPAR16D8036 8,
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GU10
Length	62.00 mm
Height	51.00 mm
Width	51.00 mm

Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

DOWNLOAD DATA

Photometric and lighting design files	Document name
 Spectral power distribution	Everlight 67-23ST HKE 2700K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075260191	Folding box 1	49 mm x 49 mm x 62 mm	63.00 g	0.15 dm ³
4058075260207	Shipping box 10	255 mm x 107 mm x 72 mm	895.00 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

DISCLAIMER

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

