PRODUCT DATASHEET
PPRO PAR 16 35 36 ° 3.4 W/4000 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 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
- Instant 100 % light, no warm-up time

Product features

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 3 SDCM
- Dimmable

© 2021, LEDVANCE GmbH. All rights reserved.

- Base: GU10
- Lamp made of glass
- Excellent color rendering (R_a: 97)
- Lifetime: up to 40,000 h

© 2021, LEDVANCE GmbH. All rights reserved.

TECHNICAL DATA

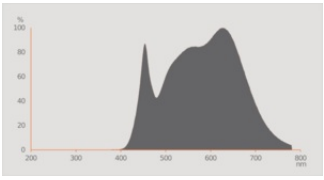
Electrical data

Nominal wattage	3.4 W
Construction wattage	3.40 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	35 W
Nominal current	20 mA
Type of current	AC
Inrush current	0.9 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	125
Max. lamp no. on circuit break. 16 A (B)	200
Power factor λ	> 0.70

Photometrical data

Luminous intensity	490 cd
Luminous flux	230 lm
Nominal useful luminous flux 90°	230 lm
Luminous efficacy	67 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 sdcm
Rated peak intensity	490 cd
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

© 2021, 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	54.00 mm
Diameter	51.00 mm
Maximum diameter	51 mm
Product weight	48.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	77 °C

Lifespan

Nominal lamp life time	40000 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)	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

© 2021, LEDVANCE GmbH. All rights reserved.

Capabilities

Dimmable	Yes

Certificates & Standards

Energy efficiency class	G [1)]
Energy consumption	4.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
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	LPPPR16D3536 3,

Energy labellling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	DLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	GU10
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	54.00 mm
Height	51.00 mm
Width	51.00 mm
Chromaticity coordinate x	0.378
Chromaticity coordinate y	0.369
Beam angle	NARROW_CONE_90
Survival factor	0.50
Displacement factor	0.75
LED light source replaces a fluorescent light source	not applicable
EPREL ID	522957

© 2021, LEDVANCE GmbH. All rights reserved.

Model number	AC33732

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075608351	Folding box 1	49 mm x 49 mm x 62 mm	55.00 g	0.15 dm^3
4058075608368	Shipping box 10	257 mm x 110 mm x 70 mm	603.00 g	1.98 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.

© 2021, LEDVANCE GmbH. All rights reserved.