PRODUCT DATASHEET
P PAR 16 50 36 ° 4.3 W/3000 K GU10

PARATHOM® PAR16 | 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
– Instant 100 % light, no warm-up time
– Lower energy consumption than incandescent or halogen lamps

Product features

– LED alternative to high voltage halogen lamps
– High color consistency: ≤ 6 SDCM
– Not dimmable
– Lamp made of glass
– Good quality of light; color rendering index CRI ≥ 80
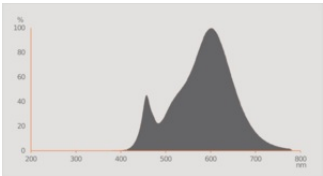– Lifetime up to 15,000 h

TECHNICAL DATA

Electrical data

Nominal wattage	4.3 W
Construction wattage	4.30 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	50 W
Nominal current	35 mA
Type of current	AC
Inrush current	4.5 A
Operating frequency	50…60 Hz
Mains frequency	50…60 Hz
Max. lamp number on MCB B10 A	303
Max. lamp number on MCB B16 A	484
Power factor λ	0.50

Photometrical data

Luminous intensity	720 cd
Luminous flux	350 lm
Nominal useful luminous flux 90°	350 lm
Luminous efficacy	81 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	3000 K
Color rendering index Ra	≥80
Light color	830
Standard deviation of color matching	≤6 sdcm
Rated peak intensity	720 cd
Rated LLMF at 6,000 h	0.80

Everlight 67-23ST KKE 3000K

Light technical data

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

Dimensions & Weight

Overall length	55.00 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	87 °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)	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	No

Certificates & Standards

Energy efficiency class	A++ [1]
Energy consumption	5.00 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

ILCOS	DRPAR-4,3/830-220-240-GU10-50/36
Order reference	LPPAR165036 4,3

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GU10
Length	55.00 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

	Documents and certificates	Document name
PDF	Declarations of conformity	LED STAR,LED SUPERSTAR,PARATHOM PRO,PARATHOM DIM,PARATHOM,LED VALUE
PDF	Declarations of conformity	LED STAR,LED SUPERSTAR,PARATHOM PRO,PARATHOM DIM,PARATHOM,LED VALUE

	Photometric and lighting design files	Document name
IES	IES file (IES)	AC08026_PAR165W
LDT	LDT file (Eulumdat)	AC08026_PAR165W
	Light distribution curve type cone	LPPAR165036 4,3W 830 230V GU10 FS1 OSRAM
	Light distribution curve type polar	LPPAR165036 4,3W 830 230V GU10 FS1 OSRAM
	Spectral power distribution	Everlight 67-23ST KKE 3000K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899451735	Folding box 1	49 mm x 49 mm x 62 mm	50.00 g	0.15 dm^3
4052899451742	Shipping box 10	257 mm x 110 mm x 70 mm	550.00 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 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.