PRODUCT DATASHEET
LED PAR 16 50 120° P 4.3W 840 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	30 W
Nominal current	38 mA
Type of current	AC
Inrush current	7 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	41
Max. lamp number on MCB B16 A	52
Power factor λ	> 0.40

Photometrical data

Luminous intensity	100 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)	Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
Standard deviation of color matching	≤6 sdcm
Rated peak intensity	100 cd
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

Everlight 67-23ST KKE 4000K

Light technical data

Beam angle	120 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	56.00 mm
Diameter	50.00 mm
Maximum diameter	50 mm
Product weight	39.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	90 °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)	GU10
Mercury content	0.0 mg

Capabilities

Dimmable	No

Certificates & Standards

Energy efficiency class	G [1]
Energy consumption	5.00 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	LPPAR1650 4,3W/

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	NDLS
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	56.00 mm
Height	50.00 mm
Width	50.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
LED light source replaces a fluorescent light source	No
EPREL ID	522941
Model number	AC32709

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 lamp PAR16

	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
4058075607996	Folding box 1	49 mm x 49 mm x 62 mm	50.00 g	0.15 dm³
4058075790827	Folding box 5	245 mm x 49 mm x 62 mm	234.00 g	0.74 dm³
4058075608009	Shipping box 10	257 mm x 110 mm x 70 mm	553.00 g	1.98 dm³
4058075790834	Shipping box 50	263 mm x 263 mm x 149 mm	2575.00 g	10.31 dm³

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.