

PRODUCT DATASHEET LED PAR16 50 36° DIM P PRO 6W 940 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

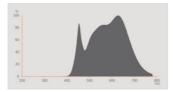
TECHNICAL DATA

Electrical data

Nominal wattage	6 W	
Construction wattage	6.00 W	
Nominal voltage	220240 V	
Claimed equiv. conventional lamp power	50 W	
Nominal current	34 mA	
Type of current	AC	
Inrush current	0.8 A	
Operating frequency	50/60 Hz	
Mains frequency	50/60 Hz	
Max. lamp number on MCB B10 A	162	
Max. lamp number on MCB B16 A	259	
Power factor λ	0.70	

Photometrical data

Luminous intensity	700 cd	
Luminous flux	350 lm	
Nominal useful luminous flux 90°	350 lm	
Luminous efficacy	58 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	700 cd	
Rated LLMF at 6,000 h	0.80	
Flickering metric (Pst LM)	0.2	
Stroboscope effect metric (SVM)	0.4	



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	52.00 mm
Diameter	50.00 mm
Maximum diameter	50 mm
Product weight	40.00 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C	
Maximum temperature at tc test point	98 °C	

Lifespan

Lifespan L70/B50 at 25 °C	40000 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
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

Certificates & Standards

Energy efficiency class	G 1)
Energy consumption	7.00 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	LPPAR16D5036 6W	
Energy labelling 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	52.00 mm	
Height	50.00 mm	
Width	50.00 mm	
Chromaticity coordinate x	0.379	
Chromaticity coordinate y	0.369	
R9 Colour rendering index	1	
Beam angle correspondence	NARROW_CONE_90	
Survival factor	0,9	
Displacement factor	0.70	
LED light source replaces a fluorescent light source	No	
EPREL ID	522960	

Model number AC32726	
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DOWNLOAD DATA

	Documents and certificates	Document name
POF	Declarations of conformity	LED lamp PAR16 50 100

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
4058075608412	Folding box 1	49 mm x 49 mm x 62 mm	47.00 g	0.15 dm ³
4058075608429	Shipping box 10	255 mm x 107 mm x 72 mm	523.00 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.