

PRODUCT DATASHEET LED PAR16 80 60° P 6.9W 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 $CRI \ge 80$
- Lifetime up to 15,000 h





TECHNICAL DATA

Electrical data

Nominal wattage	6.9 W
Construction wattage	6.90 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	80 W
Nominal current	40 mA
Type of current	AC
Inrush current	9 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	141
Max. lamp number on MCB B16 A	225
Power factor λ	0.70

Photometrical data

Luminous intensity	600 cd
Luminous flux	575 lm
Nominal useful luminous flux 90°	575 lm
Luminous efficacy	83 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	600 cd
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	0.1
Stroboscope effect metric (SVM)	0.1



Everlight 67-23ST KKE 4000K

Light technical data

Beam angle	60 °
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	37.5 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	93 °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	F 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	LPPAR168060 6,9		
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	522981		
Model number	AC32748		

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	
POF	Declarations of conformity	LED lamp PAR16 50 100	
	Dhatanashi'a and Enhios dasino fila	December 1997	
	Photometric and lighting design files	Document name	
	IES file (IES)	RB8 PAR16 80 60Du 6.5W_840 M3	
	LDT file (Eulumdat)	RB8 PAR16 80 60Du 6.5W_840 M3	
	Light distribution curve type polar	RB8 PAR16 80 60Du 6.5W_840 M3	
	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
4058075608795	Folding box 1	49 mm x 49 mm x 62 mm	55.00 g	0.15 dm ³
4058075608801	Shipping box 10	255 mm x 107 mm x 72 mm	603.00 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 further products and actual information concerning LED lamps see www.ledvance.com/ledlamps
- For Guarantee see www.ledvance.com/guarantee

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