

PRODUCT DATASHEET LED PAR16 50 36° P 4.5W 827 E14

LED PAR16 P | 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 R_a : ≥ 80





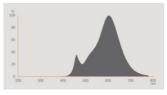
TECHNICAL DATA

Electrical data

Nominal wattage	4.5 W	
Construction wattage	4.50 W	
Nominal voltage	220240 V	
Operating mode	AC Mains	
Claimed equiv. conventional lamp power	50 W	
Nominal current	39 mA	
Type of current	AC	
Inrush current	4.28 A	
Operating frequency	50/60 Hz	
Mains frequency	50/60 Hz	
Max. lamp number on MCB B10 A	28	
Max. lamp number on MCB B16 A	33	
Total harmonic distortion	152 %	
Power factor λ	> 0.40	

Photometrical data

Luminous intensity	600 cd
Luminous flux	350 lm
Nominal useful luminous flux 90°	350 lm
Luminous efficacy	77 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdcm
Rated peak intensity	600 cd
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



Everlight 67-23ST KKE 2700K

Light technical data

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

Dimensions & Weight

Overall length	71.00 mm
Diameter	50.00 mm
Maximum diameter	50 mm
Product weight	41.00 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	10000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93

Additional product data

Base (standard designation)	E14
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	F ¹⁾
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA / EAC
Photobiological safety group acc. to EN62778	RG1
Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lo Country-specific categorizations Order reference	LED PAR165036 4
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71.00 mm

50.00 mm

Length Height

Width	50.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	8
Beam angle correspondence	NARROW_CONE_90
Survival factor	0.90
Displacement factor	0.7
LED light source replaces a fluorescent light source	No
EPREL ID	522921,1842004
Model number	AC32685,AC57957

DOWNLOAD DATA

Documents and certificates		Document name	
PDF	Declarations of conformity	LED lamp PAR16 50	
PDF	Declarations of conformity	LED PAR16	
PDF	Declarations Of Conformity UKCA	LED PAR16	

Photometric and lighting design files	Document name
Spectral power distribution	Everlight 67-23ST KKE 2700K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854071379	Folding box 1	51 mm x 51 mm x 88 mm	56.00 g	0.23 dm ³
4099854071386	Shipping box 10	267 mm x 111 mm x 102 mm	620.00 g	3.02 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 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.