

PRODUCT DATASHEET LED Superstar Plus PAR16 50 36° DIM 4.7W 927 GU10

LED SUPERSTAR PLUS REFLECTOR PAR16 | Dimmable LED reflector lamps PAR16 with bajonett base, natural daylight



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 a halogen lamp
- Natural light spectrum with outstanding color rendering of CRI > 90
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain
- Low maintenance costs and cost savings thanks to long lifetime
- Low flickering
- Lower energy consumption than incandescent or halogen lamps

Product features

- LED alternative to conventional low voltage lamps
- Dimmable





- Base: GU10
- Color rendering index R_a : ≥ 90
- Lamp made of glass

TECHNICAL DATA

Electrical data

Nominal wattage	4.7 W
Construction wattage	4.70 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	50 W
Nominal current	43 mA
Type of current	AC
Inrush current	2.72 A
Operating frequency	50 Hz
Mains frequency	50 Hz
Max. lamp number on MCB B10 A	76
Max. lamp number on MCB B16 A	121
Total harmonic distortion	120 %
Power factor λ	> 0.50

Photometrical data

700 cd
350 lm
350 lm
74 lm/W
0.96
Warm White
2700 K
90
927
≤6 sdcm
700 cd
1.0
0.4



Everlight 67-23ST HKE 2700K

Light technical data

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

Dimensions & Weight

Overall length	54.00 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	85 °C

Lifespan

Lifespan L70/B50 at 25 °C	25000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.96

Additional product data

Base (standard designation)	GU10
Mercury content	0.0 mg
Mercury-free	Yes

Capabilities

¹⁾ Check dimmer compatibility at ledvance.com/compatibility

Certificates & Standards

Energy efficiency class	F 1)
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC / UKCA
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

LOGISTICAL DATA

Temperature range at storage	-20+80 °C

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
Standby power	0 W
Claim of equivalent power	Yes
Length	54.00 mm

Height	50.00 mm
Width	50.00 mm
Chromaticity coordinate x	0.4578
Chromaticity coordinate y	0.4101
R9 Colour rendering index	1
Beam angle correspondence	NARROW_CONE_90
Survival factor	0.90
Displacement factor	0.5
LED light source replaces a fluorescent light source	No
EPREL ID	642820,1841969
Model number	AC35785,AC58007,AC58007,AC58007

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	PAR16 M2+ 50 120° 2700K GU10	
PDF	Declarations of conformity	LED PA16	
PDF	Declarations of conformity UKCA	LED PAR16	
	Photometric and lighting design files	Document name	
	IES file (IES)	PAR16 M2 PLUS 50 36 2700K GU10	
	LDT file (Eulumdat)	PAR16 M2 PLUS 50 36 2700K GU10	
	Light distribution curve type polar	PAR16 M2 PLUS 50 36 2700K GU10	
	Spectral power distribution	Everlight 67-23ST HKE 2700K	

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075613089	Folding box	52 mm x 52 mm x 95 mm	49.00 g	0.26 dm ³
4058075613096	Shipping box 6	185 mm x 120 mm x 76 mm	360.00 g	1.69 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

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