PRODUCT DATASHEET
SST PAR 16 35 36 ° 3.4 W/2700 K GU10

LED SUPERSTAR PAR16 | Dimmable LED reflector lamps PAR16 with retrofit pin base



Areas of application

- Shops
- Hospitality
- Museums, art galleries
- Residential interiors
- As a downlight for marking walkways, doors, stairs, etc.
- Spotlighting for accents
- Display cabinets and shop windows
- Spotlighting heat-sensitive objects such as food, plants, etc.
- Outdoor applications only in suitable luminaires

Product benefits

- Low energy consumption
- High color consistency thanks to narrow binning
- Easy replacement of halogen lamps due to compact full glass design and single optic
- Ideal for economical spotlighting

Product features

- LED alternative to conventional high voltage lamps
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Mercury-free lamps





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TECHNICAL DATA

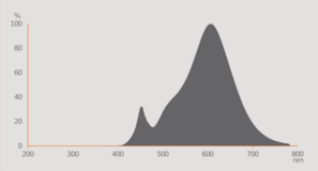
Electrical data

Nominal wattage	3.4 W
Construction wattage	3.40 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	35 W
Nominal current	26 mA
Type of current	AC
Inrush current	0.2 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	237
Max. lamp no. on circuit break. 16 A (B)	379
Power factor λ	> 0.50

Photometrical data

Luminous intensity	630 cd
Luminous flux	230 lm
Nominal useful luminous flux 90°	230 lm
Luminous efficacy	67 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥90
Light color	927
Standard deviation of color matching	≤5 sdcm
Rated peak intensity	630 cd
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

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Light technical data

Beam angle	36 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	36.00 °

Dimensions & Weight

Overall length	54.00 mm
Diameter	51,0 mm
Maximum diameter	51 mm
Product weight	38.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	83 °C

Lifespan

Nominal lamp life time	25000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,000	≥ 0.90

Additional product data

Base (standard designation)	GU10
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

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Capabilities

Dimmable	Yes

Certificates & Standards

Energy efficiency class	G [1)]
Energy consumption	4.00 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	LSSPR16D3536 3,

Energy labellling 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	54.00 mm
Height	51,0 mm
Width	51,0 mm
Chromaticity coordinate x	0.463
Chromaticity coordinate y	0.410
Beam angle	NARROW_CONE_90
Survival factor	0.50
Displacement factor	0.70
LED light source replaces a fluorescent light source	not applicable
EPREL ID	522953

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Model number	AC33733

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075431676	Folding box 1	49 mm x 49 mm x 95 mm	48.00 g	0.23 dm^3
4058075616820	Shipping box 6	159 mm x 110 mm x 70 mm	364.00 g	1.22 dm^3
4058075431683	Shipping box 10	266 mm x 111 mm x 71 mm	553.00 g	2.10 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

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