

## PRODUCT DATASHEET

### SST PAR 16 50 36 ° 5.5 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 use in suitable outdoor luminaires only

#### 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](http://www.ledvance.com/dim))
- Mercury-free lamps



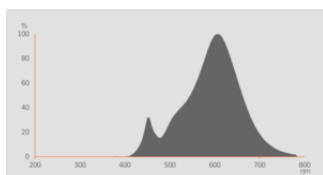
## TECHNICAL DATA

### Electrical data

Nominal wattage	5.5 W
Construction wattage	5.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	50 W
Nominal current	32 mA
Type of current	AC
Inrush current	2 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	303
Max. lamp no. on circuit break. 16 A (B)	484
Power factor $\lambda$	> 0.80

### Photometrical data

Luminous intensity	720 cd
Luminous flux	350 lm
Nominal useful luminous flux 90°	350 lm
Luminous efficacy	63 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 sdcn
Rated peak intensity	720 cd
Rated LLMF at 6,000 h	0.80



## 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 &amp; Weight

Overall length	55.00 mm
Diameter	51.00 mm
Maximum diameter	51 mm
Product weight	48.00 g

## Temperatures &amp; operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	80 °C

## Lifespan

Lifespan	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

## Capabilities

Dimmable	Yes <sup>1)</sup>
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<sup>1)</sup> With many common dimmers

## Certificates &amp; Standards

Energy efficiency class	A+ <sup>1)</sup>
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Energy consumption	6.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG0

1) Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)



### Country-specific categorizations

ILCOS	DRPAR-4,6/827-220-240-GU10-50/36
Order reference	LSPAR16D50365,5

### Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GU10
Length	55.00 mm
Height	51.00 mm
Width	51.00 mm
EPREL ID	1403126
Model number	AC26514

### DOWNLOAD DATA

DOWNLOAD DATA	
	PRODUCT DATASHEET
	zEulumdat (archived) - do not use

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899390171	Blister 1	50 mm x 140 mm x 120 mm	59.00 g	0.84 dm <sup>3</sup>
4052899390188	Shipping box 10	290 mm x 254 mm x 134 mm	673.00 g	9.87 dm <sup>3</sup>

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](http://www.ledvance.com/dim)
- For further products and actual information concerning LED lamps see [www.ledvance.com/ledlamps](http://www.ledvance.com/ledlamps)
- For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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