

## PRODUCT DATASHEET

### SST PAR 20 50 36 ° DIM 5 W/2700 K E27

Starters for single operation at 230 V AC ( ST 111, ST 171, ST 173) | Starters for single operation at 230 V AC



#### Areas of application

- Display cabinets and shop windows
- Museums, art galleries
- Exhibition rooms
- Hospitality
- Residential interiors
- As a downlight for marking walkways, doors, stairs, etc.
- Outdoor use in suitable outdoor luminaires only

#### Product benefits

- Very long lifetime of up to 25,000 h
- Lower energy consumption than incandescent or halogen lamps
- Easy replacement of halogen lamps thanks to compact design
- Instant 100 % light, no warm-up time

#### Product features

- Good color rendering index  $R_a \geq 80$
- Dimmable (with many common dimmers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim))
- Mercury-free lamps



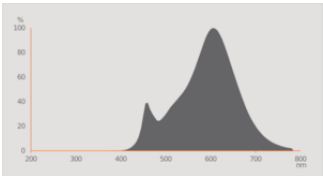
TECHNICAL DATA

Electrical data

Nominal wattage	5 W
Construction wattage	5.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	50 W
Nominal current	23 mA
Type of current	AC
Inrush current	18 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp number on MCB B10 A	143
Max. lamp number on MCB B16 A	230
Power factor $\lambda$	$\geq 0.70$

Photometrical data

Luminous intensity	700 cd
Luminous flux	345 lm
Nominal useful luminous flux 90°	345 lm
Luminous efficacy	69 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	$\geq 80$
Light color	827
Standard deviation of color matching	$\leq 6$ sdcn
Rated peak intensity	700 cd
Rated LLMF at 6,000 h	0.80



Bridgelux 27E-13H-9B 2700K

## Light technical data

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

## Dimensions &amp; Weight

Overall length	88.00 mm
Diameter	65 mm
Maximum diameter	64 mm
Product weight	110.00 g

## Temperatures &amp; operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	75 °C

## Lifespan

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)	E27
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
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## Certificates &amp; Standards

Energy efficiency class	A+ <sup>1)</sup>
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE / CB / EAC

Photobiological safety group acc. to EN62778	RG1
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1) Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

### Country-specific categorizations

ILCOS	DRPAR-5/827-220-240-E27-63/36
Order reference	LSPAR20D5036 5W


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

Light source cap-type (or other electric interface)	E27
Length	88.00 mm
Height	65 mm
Width	65 mm

### Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

### DOWNLOAD DATA

Photometric and lighting design files		Document name
	Spectral power distribution	Bridgelux 27E-13H-9B 2700K

### 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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