

# PRODUCT DATASHEET SST R63 60 36 ° 5.9 W/2700 K E27

LED SUPERSTAR R63 | Dimmable LED reflector lamps R63 with retrofit screw base



#### Areas of application

- Display cabinets and shop windows
- Museums, art galleries
- 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

- Professional LED alternative to halogen lamps
- Good color rendering: up to R<sub>a</sub> 90
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Mercury-free lamps





## TECHNICAL DATA

## Electrical data

Nominal wattage	5.9 W
Construction wattage	5.90 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	32 mA
Type of current	AC
Inrush current	1 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	183
Max. lamp number on MCB B16 A	293
Power factor λ	> 0.50

### Photometrical data

Luminous intensity	600 cd
Luminous flux	345 lm
Nominal useful luminous flux 90°	345 lm
Luminous efficacy	58 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	600 cd
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

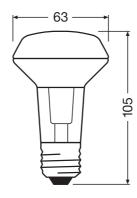


Everlight 67-23ST HKE 2700K

# Light technical data

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

## Dimensions & Weight



Overall length	102.00 mm
Diameter	63.00 mm
Maximum diameter	63 mm
Product weight	107.00 g

## Temperatures & operating conditions

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

## Lifespan

Lifespan L70/B50 at 25 °C	25000 h

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

### Certificates & Standards

Energy efficiency class	A+ 1)
Energy consumption	6.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG1

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

## Country-specific categorizations

Order reference	LEDSR6360D 5,9W	
Energy labelling regulation data acc EU 2019/2015		
Lighting technology used	LED	

Lighting technology used	LED
Non-directional or directional	DLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	E27
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No

Standby power	0 W
Claim of equivalent power	Yes
Length	102.00 mm
Height	63.00 mm
Width	63.00 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	0.9
LED light source replaces a fluorescent light source	No
EPREL ID	1402946

## 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	R63 R80 E27		
PDF	Declarations of conformity	LED spot lamp R63 R80		
PDF	Declarations of conformity UKCA	LED spot lamp R63 R80		
	Photometric and lighting design files	Document name		
	Photometric and lighting design files  IES file (IES)	Document name  LEDPR6360D 5.9W 927 260V GL E27		
		110 1 1 1 1		
	IES file (IES)	LEDPR6360D 5.9W 927 260V GL E27		

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075097087	Blister 1	65 mm x 140 mm x 120 mm	122.00 g	1.09 dm <sup>3</sup>
4058075097094	Shipping box	410 mm x 154 mm x 134 mm	900.00 g	8.46 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
- For further products and actual information concerning LED lamps see www.ledvance.com/ledlamps
- 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.