

# PRODUCT DATASHEET SST R50 60 36 ° 5.9 W/2700 K E14 DIM

LED SUPERSTAR R50 | Dimmable LED reflector lamps R50 with retrofit screw base



#### 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

- Professional LED alternative to halogen lamps
- Good color rendering: up to  $R_a$  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

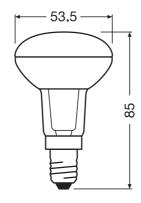
#### Photometrical data

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

# Light technical data

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

# Dimensions & Weight



Overall length	85.00 mm
Diameter	50,0 mm
Maximum diameter	50 mm
Product weight	64.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	88 °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)	E14
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
Certificates & Standards	

#### Certificates & Standards

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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	LEDSR5060D 5,9W

## Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E14
Correlated colour temperature type	SINGLE_VALUE
Length	85.00 mm
Height	50,0 mm
Width	50,0 mm
EPREL ID	1403192
Model number	AC24572

#### Safety advice

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

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075096929	Blister 1	55 mm x 140 mm x 120 mm	79.00 g	0.92 dm <sup>3</sup>
4058075096936	Shipping box 6	342 mm x 154 mm x 134 mm	618.00 g	7.06 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.