PRODUCT DATASHEET
SST PLUS SPOT R50 60 36 ° 4.8 W/2700 K E14

LED SUPERSTAR PLUS R50 | Dimmable LED reflector lamps R50 with screw base, natural daylight



Areas of application

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to a halogen lamp
- Natural light spectrum with outstanding color rendering of CRI>90
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain
- Low maintenance costs thanks to long lifetime
- Low flickering

Product features

- LED alternative to conventional low voltage lamps
- Dimmable
- Base: E14





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- Color rendering index R_a: ≥ 90
- Lamp made of glass

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TECHNICAL DATA

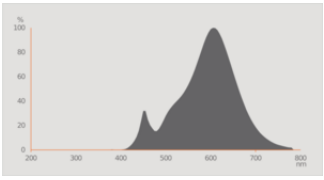
Electrical data

Nominal wattage	4.8 W
Construction wattage	4.80 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	27 mA
Type of current	AC
Inrush current	0.027 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	202
Max. lamp no. on circuit break. 16 A (B)	323
Power factor λ	≥ 0.70

Photometrical data

Luminous intensity	607 cd
Luminous flux	345 lm
Nominal useful luminous flux 90°	345 lm
Luminous efficacy	71 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	≤6 sdcm
Rated peak intensity	607 cd
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.9

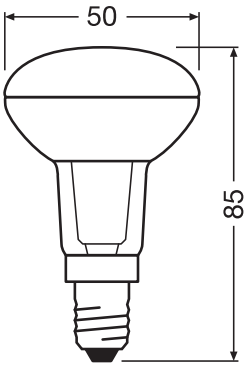
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Light technical data

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	85.00 mm
Diameter	50.00 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	96 °C

Lifespan

Lifespan	25000 h

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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)	E14
Mercury content	0.0 mg
Mercury-free	Yes

Capabilities

Dimmable	Yes

Certificates & Standards

Energy efficiency class	G [1)]
Energy consumption	5.00 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	LSSPR506036 4,8

Energy labelling 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)	E14
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	85.00 mm
Height	50.00 mm

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Width	50.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.400
R9 Colour rendering index	0.00
Beam angle correspondence	NARROW_CONE_90
Survival factor	0.90
Displacement factor	0.72
LED light source replaces a fluorescent light source	No
EPREL ID	642832
Model number	AC35797,AC35797

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075620346	Folding box 1	51 mm x 51 mm x 130 mm	79.00 g	0.34 dm^3
4058075620353	Shipping box 6	168 mm x 111 mm x 71 mm	560.00 g	1.32 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.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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