

PRODUCT DATASHEET

ST LINE S19 9 W/2700 K 310.00 mm

LED STAR LINE S19 | Special LED lamps with S19 base



Areas of application

- Domestic applications
- Outdoor applications only in suitable luminaires

Product benefits

- Long life
- Low energy consumption
- No UV and near-IR radiation in the light beam
- Three year guarantee

Product features

- LED alternative to conventional lamps
- Mercury-free lamps

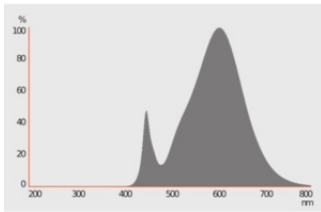


TECHNICAL DATA**Electrical data**

Nominal wattage	9 W
Construction wattage	9.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	50 mA
Type of current	AC
Inrush current	0.2 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	100
Max. lamp no. on circuit break. 16 A (B)	160
Total harmonic distortion	80 %
Power factor λ	≥ 0.70

Photometrical data

Luminous flux	830 lm
Nominal useful luminous flux 90°	830 lm
Luminous efficacy	92 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	≥ 80
Light color	827
Standard deviation of color matching	≤ 6 sdcn
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.90



Light technical data

Beam angle	140 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	140.00 °

Dimensions & Weight

Overall length	310.00 mm
Length	310.00 mm
Width (incl. round luminaires)	38 mm
Height (incl. round luminaires)	38 mm
Diameter	38 mm
Maximum diameter	38 mm
Product weight	52.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	70 °C

Lifespan

Nominal lamp life time	15000 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)	S19 s
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Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted

Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	F ¹⁾
Energy consumption	9.00 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 G (lowest efficiency)

Country-specific categorizations

ILCOS	DRL-9/827-220-240-S19-38/310
Order reference	LINE S19 9W/827

LOGISTICAL DATA


Temperature range at storage	-20...+80 °C
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Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	NDLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	S19 s
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
Standby power	0.00
Claim of equivalent power	Yes
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410

R9 Colour rendering index	0.00
Beam angle	SPHERE_360
Survival factor	0.90
Displacement factor	0.50
LED light source replaces a fluorescent light source	not applicable
EPREL ID	522865
Model number	AC32110

DOWNLOAD DATA

DOWNLOAD DATA	
	Declarations of conformity Declaration S19

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899955066	Folding box 1	39 mm x 46 mm x 345 mm	80.00 g	0.62 dm ³
4052899955264	Shipping box 10	324 mm x 207 mm x 106 mm	930.00 g	7.11 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.

References / Links

- For Guarantee see www.osram-lamps.com/guarantee
- For further products and actual information concerning LED lamps see www.osram-lamps.com/led-lamps

DISCLAIMER

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