

## PRODUCT DATASHEET

# LED Line 60 140° 310mm 9W 827 Frosted S19

LED LINE S15 / S19 | Special LED lamps with S15 and S19 base



### Areas of application

- Domestic applications
- Outdoor use in suitable outdoor luminaires only

### Product benefits

- Long life
- Lower energy consumption than incandescent or halogen lamps
- No UV and near-IR radiation in the light beam
- Three year guarantee

### Product features

- LED alternative to conventional lamps
- Mercury-free lamps



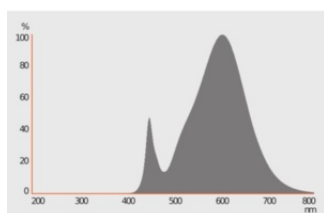
## TECHNICAL DATA

### Electrical data

Nominal wattage	9 W
Construction wattage	9.00 W
Nominal voltage	220...240 V
Operating mode	AC Mains
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 number on MCB B10 A	100
Max. lamp number on MCB B16 A	160
Total harmonic distortion	80 %
Power factor $\lambda$	> 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
Stroboscope effect metric (SVM)	0.4



349927\_2700K\_Evl\_5630.eps

### Light technical data

Beam angle	140 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

### Dimensions & Weight

Overall length	310.00 mm
Diameter	38.00 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

Lifespan L70/B50 at 25 °C	15000 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)	S19 s
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted

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
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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

Order reference	LINE S19 9W/827
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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	NMLS
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	1 W
Claim of equivalent power	Yes
Length	310.00 mm
Height	38.00 mm

Width	38.00 mm
Chromaticity coordinate x	0,458
Chromaticity coordinate y	0,410
R9 Colour rendering index	> 0
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.5
LED light source replaces a fluorescent light source	No
EPREL ID	522865
Model number	AC32110

## DOWNLOAD DATA

Documents and certificates		Document name
	Declarations of conformity	LED S19 60 lamp non dim
	Declarations Of Conformity UKCA	LED SPECIAL LINE S19
Photometric and lighting design files		Document name
	Spectral power distribution	349927_2700K_Evl_5630.eps

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854059674	Folding box 1	39 mm x 46 mm x 345 mm	80.00 g	0.62 dm <sup>3</sup>
4099854059681	Shipping box 10	324 mm x 207 mm x 106 mm	931.00 g	7.11 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](http://www.ledvance.com/dim)
- For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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