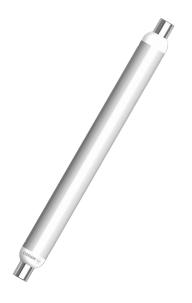


PRODUCT DATASHEET LED Line 57 140° 284mm 7W 827 Frosted S15s

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





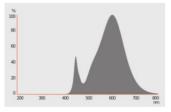
TECHNICAL DATA

Electrical data

Nominal wattage	7 W
Construction wattage	7.00 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	57 W
Nominal current	53 mA
Type of current	AC
Inrush current	4.22 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	197
Max. lamp number on MCB B16 A	316
Total harmonic distortion	120 %
Power factor λ	> 0.50

Photometrical data

Luminous flux	750 lm
Nominal useful luminous flux 90°	750 lm
Luminous efficacy	107 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 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	0.4

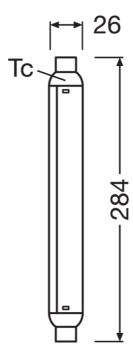


349927_2700K_Evl_5630.eps

Light technical data

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

Dimensions & Weight



Overall length	284.00 mm
Diameter	26.00 mm

Maximum diameter	26 mm	
Product weight	41.2 g	
emperatures & operating conditions		
oient temperature range -20+40 °C		
Maximum temperature at tc test point	80 °C	
ifespan		
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)	S15s	
Mercury content	0.0 mg	
Mercury-free	Yes	
Design / version	Frosted	
Product remark	All technical parameters apply to the entire lamp / Due to the complete production process for light-emitting diodes, the typical values show 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	No	
Certificates & Standards		
Energy efficiency class	F 1)	
Energy consumption	7.00 kWh/1000h	
Type of protection	IP20	
Standards	CE / UKCA	
notobiological safety group acc. to EN62778 RG1		

LINE S15 7W/827

LOGISTICAL DATA

Order reference

Temperature range at storage	-20+80 °C		
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)	S15s		
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 W		
Networked standby power for CLS	0 W		
Claim of equivalent power	Yes		
Length	284.00 mm		
Height	26.00 mm		
Width	26.00 mm		
Chromaticity coordinate x	0,458		
Chromaticity coordinate y	0,41		
R9 Colour rendering index	0.00		
Beam angle correspondence	SPHERE_360		
Survival factor	0,9		
Displacement factor	0.5		
LED light source replaces a fluorescent light source	No		
EPREL ID	1093388		
Model number	AC39391		

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	LINE S15 LED lamp

Photometric and lighting design files Docu		Document name
	Spectral power distribution	349927_2700K_EvI_5630.eps

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075699458	Folding box	28 mm x 49 mm x 328 mm	65.20 g	0.45 dm ³
4058075699465	Shipping box 10	303 mm x 148 mm x 111 mm	769.00 g	4.98 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 dimming conformity see www.ledvance.com/dim
- 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.