

PRODUCT DATASHEET

ST CLAS A 150 19 W/2700 K E27

LED STAR CLASSIC A | LED lamps, classic bulb shape



Areas of application

- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Low energy consumption
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

Product features

- LED alternative to conventional lamps
- Mercury-free lamps



TECHNICAL DATA

Electrical data

Nominal wattage	19 W
Construction wattage	19.00 W
Nominal voltage	220 V
Claimed equiv. conventional lamp power	150 W
Nominal current	160 mA
Type of current	AC
Inrush current	7.5 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	29
Max. lamp no. on circuit break. 16 A (B)	48
Power factor λ	> 0.50

Photometrical data

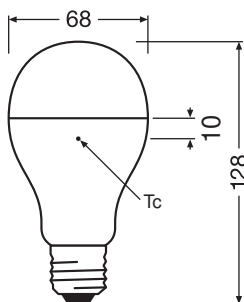
Luminous flux	2452 lm
Nominal useful luminous flux 90°	2452 lm
Luminous efficacy	129 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥ 80
Light color	827
Standard deviation of color matching	≤ 6 sdcm
Rated LLMF at 6,000 h	0.80



Light technical data

Beam angle	150 °
Warm-up time (60 %)	< 1.00 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	150.00 °

Dimensions & Weight



Overall length	128.00 mm
Diameter	68.00 mm
Maximum diameter	68 mm
Product weight	72.00 g

Temperatures & operating conditions

Ambient temperature range	-15...+40 °C
Maximum temperature at tc test point	100 °C

Lifespan

Lifespan	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)	E27
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	E ¹⁾
Energy consumption	19.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG0

¹⁾ Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)




Country-specific categorizations

ILCOS	DRAA/F-20/827-220-240-E27-60
Order reference	LEDSCLA150 19W/

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Correlated colour temperature type	SINGLE_VALUE
Length	128.00 mm
Height	68.00 mm
Width	68.00 mm
EPREL ID	1403224,523302,1351510

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IES file (IES)



LDT file (Eulumdat)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899959118	Blister 1	72 mm x 140 mm x 185 mm	100.00 g	1.86 dm ³
4058075245976	Folding box 1	70 mm x 70 mm x 162 mm	108.00 g	0.79 dm ³
4052899959569	Shipping box 6	432 mm x 153 mm x 201 mm	788.00 g	13.29 dm ³
4058075555396	Shipping box 6	233 mm x 153 mm x 139 mm	772.00 g	4.95 dm ³
4058075245983	Shipping box 10	373 mm x 153 mm x 139 mm	1125.00 g	7.93 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 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.