PRODUCT DATASHEET
SST CLAS A 60 FR 8.8 W/2700 K E27

LED SUPERSTAR CLASSIC A | Dimmable LED lamps, classic bulb shape



Areas of application

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

Product benefits

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

Product features

- LED alternative to conventional lamps
- Good quality of light; color rendering index R_a: ≥ 80; constant chromaticity
- High color consistency: < 6 SDCM
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Mercury-free lamps





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TECHNICAL DATA

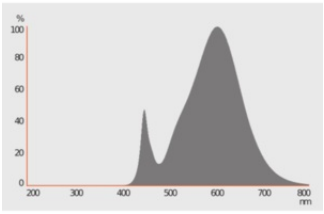
Electrical data

Nominal wattage	8.8 W
Construction wattage	8.80 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	45 mA
Type of current	AC
Inrush current	0.28 A
Operating frequency	50…60 Hz
Mains frequency	50…60 Hz
Max. lamp no. on circuit break. 10 A (B)	120
Max. lamp no. on circuit break. 16 A (B)	198
Total harmonic distortion	120 %
Power factor λ	> 0.70

Photometrical data

Luminous flux	806 lm
Nominal useful luminous flux 90°	806 lm
Luminous efficacy	91 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)	1.0
Stroboscope effect metric (SVM)	0.4

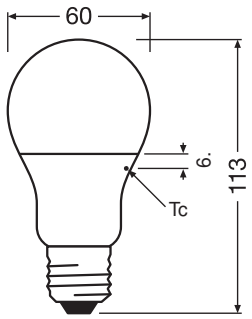
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Light technical data

Beam angle	220 °
Warm-up time (60 %)	‹ 1.00 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	220.00 °

Dimensions & Weight



Overall length	105.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	34.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	105 °C

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Lifespan

Lifespan	25000 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 / LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance)

Capabilities

Dimmable	Yes

Certificates & Standards

Energy efficiency class	F [1)]
Energy consumption	9.00 kWh/1000h
Type of protection	IP20
Standards	CE / ROHS / REACH / ERP
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	123

LOGISTICAL DATA

Temperature range at storage	-20...+80 °C

Energy labelling regulation data acc EU 2019/2015

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Lighting technology used	LED
Non-directional or directional	NDLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	E27
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
Networked standby power for CLS	0 W
Claim of equivalent power	Yes
Length	105.00 mm
Height	60.00 mm
Width	60.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.70
LED light source replaces a fluorescent light source	No
EPREL ID	523285,1403221
Model number	AC31127,AC31127,AC24705

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	PRODUCT DATASHEET

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075433861	Folding box 1	60 mm x 60 mm x 145 mm	49.00 g	0.52 dm^3

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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075433878	Shipping box 10	322 mm x 134 mm x 120 mm	648.00 g	5.18 dm^3
4058075585737	Shipping box 6	202 mm x 134 mm x 120 mm	377.00 g	3.25 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 further products and actual information concerning LED lamps see www.ledvance.com/ledlamps
- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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