

PRODUCT DATASHEET

SST CLAS B 40 FR 4.9 W/2700 K E14

LED SUPERSTAR CLASSIC B DIM | Dimmable LED lamps, classic mini-candle shape



Areas of application

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

Product benefits

- Lower thermal output (compared with the standard reference product)
- Very low energy consumption
- Shockproof and vibration-proof thanks to LED technology
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Simple direct replacement for conventional incandescent lamps

Product features

- Professional LED lamps for line voltage
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Good color rendering ($R_a \geq 80$) and color stability throughout the life of the lamp
- Mercury-free lamps



TECHNICAL DATA

Electrical data

Nominal wattage	4.9 W
Construction wattage	4.90 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	30 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)	266
Max. lamp no. on circuit break. 16 A (B)	426
Total harmonic distortion	150 %
Power factor λ	> 0.70

Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	95 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 sdc _m
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



Light technical data

Beam angle	280 °
Warm-up time (60 %)	< 1.00 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	280.00 °

Dimensions & Weight

Overall length	102.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	22.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	95 °C

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)	E14
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 / In preparation
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Capabilities

Dimmable	Yes
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Certificates & Standards

Energy efficiency class	F ¹⁾
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE / ROHS / REACH / ERP
Photobiological safety group acc. to EN62778	RG1

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

Country-specific categorizations

Order reference	LEDSCLB40D 4,9W
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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	MLS
Light source cap-type (or other electric interface)	E14
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	102.00 mm

Height	35.00 mm
Width	35.00 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	0.90
LED light source replaces a fluorescent light source	No
EPREL ID	523287,1403233
Model number	AC31129,AC31129,AC24719

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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075430914	Folding box 1	36 mm x 49 mm x 145 mm	34.00 g	0.26 dm ³
4058075430921	Shipping box 10	201 mm x 111 mm x 120 mm	396.00 g	2.68 dm ³
4058075585720	Shipping box 6	129 mm x 111 mm x 120 mm	258.00 g	1.72 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
- For dimming conformity see www.ledvance.com/dim

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