PRODUCT DATASHEET
SST CLAS B 40 FR 5 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)
- Lower energy consumption than incandescent or halogen lamps
- 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



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– Mercury-free lamps

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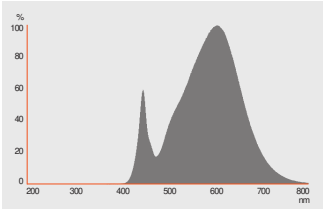
TECHNICAL DATA

Electrical data

Nominal wattage	5 W
Construction wattage	5.00 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	29 mA
Type of current	AC
Inrush current	0.75 A
Operating frequency	50…60 Hz
Mains frequency	50…60 Hz
Max. lamp number on MCB B10 A	150
Max. lamp number on MCB B16 A	250
Power factor λ	> 0.80

Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	94 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



349923_2700K_3000K_Se_3030.eps

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Light technical data

Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	106.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	45.00 g

Temperatures & operating conditions

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

Lifespan

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)	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

Capabilities

Dimmable	Yes [1)]

1) With many common dimmers, see also www.ledvance.com/dim

Certificates & Standards

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Energy efficiency class	A+ [1)]
Energy consumption	6.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG1

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

Country-specific categorizations

ILCOS	DRBB/F-6,2-220-240-E14-38/110
Order reference	LEDSCLB40D 5W/8

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E14
Length	106.00 mm
Height	35.00 mm
Width	35.00 mm

DOWNLOAD DATA

	Photometric and lighting design files	Document name
	Spectral power distribution	349923_2700K_3000K_Se_3030.eps

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899904415	Blister 1	39 mm x 64 mm x 138 mm	65.00 g	0.34 dm^3
4052899904446	Shipping box 6	243 mm x 72 mm x 149 mm	456.00 g	2.61 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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