

PRODUCT DATASHEET

SST CLAS A 100 12 W/2700K B22d

LED Retrofit CLASSIC A DIM | Dimmable LED lamps, classic bulb shape



AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

PRODUCT BENEFITS

- Lamps with innovative LED "filament" technology
- Very low energy consumption
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lower thermal output (compared with the standard reference product)
- Design, dimensions, luminous flux comparable to a halogen lamp

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Beam angle: up to 360°
- Lifetime: up to 15,000 h
- Lamp made of glass



- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity

TECHNICAL DATA

Electrical data

Rated wattage	12.00 W
Nominal wattage	12.00 W
Nominal voltage	220...240 V
Max. lamp no. on circuit break. 10 A (B)	191
Max. lamp no. on circuit break. 16 A (B)	306
Operating frequency	50...60 Hz
Power factor λ	> 0.50
Claimed equiv. conventional lamp power	100 W

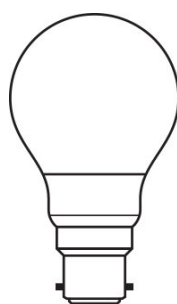
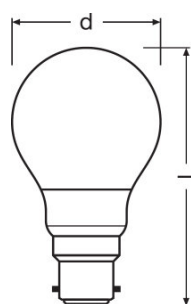
Photometrical data

Nominal luminous flux	1521 lm
Rated luminous flux	1521 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	1521 lm
Color rendering index Ra	≥ 80
Standard deviation of color matching	≤ 6 sdcM
Rated color temperature	2700 K

Light technical data

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

Dimensions & weight



Overall length	133.0 mm
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Diameter	70.0 mm
Outer bulb	A70
Length	133.0 mm

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	55 °C

Lifespan

Nominal lamp life time	15000 h
Rated lamp life time	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service life	0.70

Additional product data

Base (standard designation)	B22d
Mercury content	0.0 mg
Mercury-free	Yes
Show WEEE picto	Yes
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

Capabilities

Dimmable	Yes
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Certificates & standards

Energy efficiency class	A++
Energy consumption	12 kWh/1000h

Country-specific categorizations

Order reference	LEDSCA100D12W/8
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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075116955	Blister 1	72 mm x 140 mm x 185 mm	77.00 g	1.86 dm ³
4058075116962	Shipping carton box 6	432 mm x 153 mm x 201 mm	727.00 g	13.29 dm ³

4058075245655	Folding carton box 1	60 mm x 60 mm x 145 mm	48.00 g	0.52 dm ³
4058075245662	Shipping carton box 10	322 mm x 134 mm x 120 mm	618.00 g	5.18 dm ³
4058075610873	Shipping carton box 6	202 mm x 134 mm x 120 mm	371.00 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.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.