PRELIMINARY - PRODUCT DATASHEET
SST PLUS GLOBE 100 12 W/2700 K E27

LED SUPERSTAR PLUS CLASSIC GLOBE FILAMENT | Dimmable LED lamps, classic ball 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
– Design, dimensions, luminous flux comparable to a halogen lamp
– Natural light spectrum with outstanding color rendering of CRI>90
– Greatly reduced blue component
– Improved visual comfort and reduced eye strain
– Very low energy consumption
– Instant 100 % light, no warm-up time
– Low flickering

Product features

– LED lamps for line voltage
– Beam angle: up to 300°
– Dimmable
– Color rendering index R_a: ≥ 90

TECHNICAL DATA

Electrical data

Nominal wattage	12 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	100 W
Nominal current	72 mA
Type of current	AC
Inrush current	2.28 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	271
Max. lamp no. on circuit break. 16 A (B)	434
Power factor λ	> 0,50

Photometrical data

Luminous flux	1521 lm
Nominal useful luminous flux 90°	1521 lm
Luminous efficacy	126 lm/W
Lumen main.fact.at end of nom.life time	0.80
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	90
Light color	927
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80

Light technical data

Beam angle	320 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	320.00 °

Dimensions & weight

Overall length	135.00 mm
Length	135.00 mm
Diameter	95.00 mm
Maximum diameter	95 mm
Product weight	54.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	≤65 °C

Lifespan

Nominal lamp life time	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

Capabilities

Dimmable	Yes

Certificates & standards

Energy efficiency class	D
Energy consumption	12.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG0

Country-specific categorizations

Order reference	LSSPG95100 12W/

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075602953	Folding box 1	110 mm x 110 mm x 190 mm	116.00 g	2.30 dm³
4058075602960	Shipping box 6	350 mm x 233 mm x 170 mm	856.00 g	13.86 dm³

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.

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