

PRODUCT FAMILY DATASHEET

LED STAR CLASSIC GLOBE 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

- Very low energy consumption
- Design, dimensions, luminous flux comparable to an incandescent lamp
- Can be easily fitted instead of ordinary light bulbs
- Lamps with innovative LED "filament" technology
- Instant 100 % light, no warm-up time

Product features

- Dimmable
- Lifetime: up to 15,000 h
- Beam angle: up to 360°
- Professional LED lamps for line voltage
- Lamp made of glass
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity



TECHNICAL DATA

Electrical data

Product description	Nominal wattage	Construction wattage	Nominal voltage	Claimed equiv. conventional lamp power	Nominal current
SST CLAS Globe 100 12 W/2700 K E27	12 W	12.00 W	220...240 V	100 W	72 mA

Product description	Type of current	Inrush current	Operating frequency	Mains frequency	Max. lamp no. on circuit break. 10 A (B)
SST CLAS Globe 100 12 W/2700 K E27	AC	0.15 A	50...60 Hz	50...60 Hz	55

Product description	Max. lamp no. on circuit break. 16 A (B)	Power factor λ
SST CLAS Globe 100 12 W/2700 K E27	85	> 0.50

Photometrical data

Product description	Luminous flux	Nominal useful luminous flux 90°	Luminous efficacy	Lumen main.fact.at end of nom.life time	Light color (designation)
SST CLAS Globe 100 12 W/2700 K E27	1521 lm	1521 lm	126 lm/W	0.70	Warm White

Product description	Color temperature	Color rendering index Ra	Light color	Standard deviation of color matching	Rated LLMF at 6,000 h
SST CLAS Globe 100 12 W/2700 K E27	2700 K	≥80	827	≤6 sdc _m	0.80

Light technical data

Product description	Beam angle	Warm-up time (60 %)	Starting time	Rated beam angle (half peak value)
SST CLAS Globe 100 12 W/2700 K E27	320 °	< 0.50 s	< 0.5 s	320.00 °

Dimensions & Weight

Product description	Overall length	Length	Width (incl. round luminaires)	Height (incl. round luminaires)
SST CLAS Globe 100 12 W/2700 K E27	138.00 mm	138.00 mm	95.00 mm	95.00 mm

Product description	Diameter	Maximum diameter	Product weight
SST CLAS Globe 100 12 W/2700 K E27	95.00 mm	95 mm	63.00 g

Temperatures & operating conditions

Product description	Ambient temperature range	Maximum temperature at tc test point
SST CLAS Globe 100 12 W/2700 K E27	-20...+40 °C	65 °C

Lifespan

Product description	Nominal lamp life time	Number of switching cycles	Lumen maintenance at end of serv	Rated lamp survival factor at 6,000
SST CLAS Globe 100 12 W/2700 K E27	15000 h	100000	0.70	≥ 0.90

Additional product data

Product description	Base (standard designation)	Mercury content	Mercury-free	Product remark
SST CLAS Globe 100 12 W/2700 K E27	E27	0.0 mg	Yes	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

Product description	Dimmable
SST CLAS Globe 100 12 W/2700 K E27	Yes

Certificates & Standards

Product description	Energy efficiency class	Energy consumption	Type of protection	Standards	Photobiological safety group acc. to EN62778
SST CLAS Globe 100 12 W/2700 K E27	A++ ¹⁾	12.00 kWh/1000h	IP20	CE	RG0

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

Energy labelling regulation data acc EU 2019/2015

Product description	Light source cap-type (or other electric interface)	Correlated colour temperature type
SST CLAS Globe 100 12 W/2700 K E27	E27	SINGLE_VALUE

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.




SALES AND TECHNICAL SUPPORT

Sales and Technical Support www.ledvance.com

COUNTRY SPECIFIC INFORMATION

Product description	Product code	METEL-Code	SEG number	STK number	UK Org
SST CLAS Globe 100 12 W/2700 K E27	4058075439054	-	8295407	4731570	-

DOWNLOAD DATA

DOWNLOAD DATA	
	Certificates EAEC N RU D-DE.MYu62.B.00793 20 02.03.2020-01.03.2025
	Certificates EAEC N RU D-DE.MYu62.B.00978 20 10.03.2020-09.03.2025
	Certificates EAEC N RU D-DE.MYu62.B.01095 20 16.03.2020-15.03.2025

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075439054	Folding box 1	110 mm x 110 mm x 158 mm	119.00 g	1.91 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.