PRODUCT DATASHEET
LED Classic Globe 95 100 DIM P 12W 827 Frosted E27

LED STAR CLASSIC GLOBE Dimmable | LED lamps, classic ball shape

Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Lower energy consumption than incandescent or halogen lamps
- 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: ≥ 80; constant chromaticity

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TECHNICAL DATA

Electrical data

Nominal wattage	12 W
Construction wattage	12.00 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	100 W
Nominal current	72 mA
Type of current	AC
Inrush current	0.15 A
Operating frequency	50…60 Hz
Mains frequency	50…60 Hz
Max. lamp number on MCB B10 A	55
Max. lamp number on MCB B16 A	85
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	0.70
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

Light technical data

Beam angle	320 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

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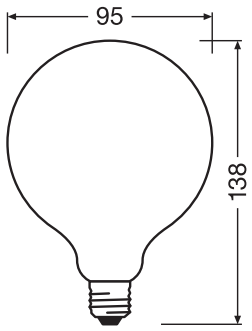

Overall length	138.00 mm
Diameter	95.00 mm
Maximum diameter	95 mm
Product weight	63.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	65 °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)	E27
Mercury content	0.0 mg
Mercury-free	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

Certificates & Standards

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Energy efficiency class	E [1)]
Energy consumption	12.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

Order reference	LEDPG95100D 12W

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Correlated colour temperature type	SINGLE_VALUE
Length	138.00 mm
Height	95.00 mm
Width	95.00 mm
EPREL ID	1403344
Model number	AC24253

Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Declarations of conformity	Classic A/B/P/G

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
4058075439061	Shipping box 6	342 mm x 231 mm x 175 mm	954.00 g	13.83 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.

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When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

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