PRODUCT DATASHEET
LED Superstar Globe 95 100 Filament DIM 11W 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
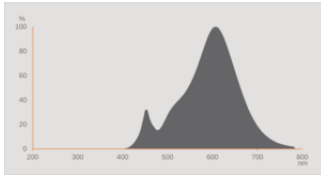– Good quality of light; color rendering index R_a: ≥ 80; constant chromaticity

TECHNICAL DATA

Electrical data

Nominal wattage	11 W
Construction wattage	11.00 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	100 W
Nominal current	52 mA
Type of current	AC
Inrush current	1.66 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	52
Max. lamp number on MCB B16 A	75
Total harmonic distortion	17.80 %
Power factor λ	≥ 0.70

Photometrical data

Luminous flux	1521 lm
Luminous efficacy	138 lm/W
Lumen main.fact.at end of nom.life time	0.93
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
Flickering metric (Pst LM)	≤1.0
Stroboscope effect metric (SVM)	≤0.4

EPREL data spectral diagram PROF
LEDr 2700K

Light technical data

Beam angle	300 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	135.00 mm
Diameter	95.00 mm
Maximum diameter	60 mm
Product weight	54.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	≤80 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93
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
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

Capabilities

Dimmable	Yes [1]

[1] Check dimmer compatibility at ledvance.com/compatibility

Certificates & Standards

Energy efficiency class	D [1]
Energy consumption	11.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC / UKCA
Photobiological safety group acc. to EN62778	RG0

[1] Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Country-specific categorizations

Order reference	LEDSG95100D 11W

LOGISTICAL DATA

Temperature range at storage	-20…+80 °C

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	NDLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	E27
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0 W

Claim of equivalent power	Yes
Length	135.00 mm
Height	95.00 mm
Width	95.00 mm
Chromaticity coordinate x	0.4578
Chromaticity coordinate y	0.4101
R9 Colour rendering index	20
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	≥0.7
LED light source replaces a fluorescent light source	No
EPREL ID	1403344,523141,800104,1361297,2178967
Model number	AC37475,AC32314,AC45142,AC24253,AC70252

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	LED lamps CLA,B,G,P
PDF	Declarations of conformity	LED CLASSIC
PDF	Declarations of conformity	LED lamps
PDF	Declarations of conformity UKCA	LED lamps

	Photometric and lighting design files	Document name
	Spectral power distribution	EPREL data spectral diagram PROF LEDr 2700K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075112131	Folding box 1	110 mm x 110 mm x 190 mm	116.00 g	2.30 dm^3
4058075112148	Shipping box 6	350 mm x 233 mm x 170 mm	920.00 g	13.86 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.