

PRODUCT DATASHEET LED GLOBE95 100 DIM S 100 11 W/4000 K E27

LED SCLASSIC 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

- 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

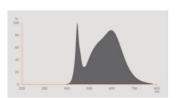
TECHNICAL DATA

Electrical data

Nominal wattage	11 W
Construction wattage	11.00 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	100 W
Nominal current	52 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	138 lm/W
Lumen main.fact.at end of nom.life time	0.80
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	≥90
Light color	940
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	≤1
Stroboscope effect metric (SVM)	≤ 0.9



Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	300.00 °

Dimensions & Weight

Overall 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

Lifespan	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
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

Certificates & Standards

Energy efficiency class	D ¹⁾
Energy consumption	11.00 kWh/1000h

Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RGO

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

Country-specific categorizations		
Order reference	LEDCG95100 11W/	
LOGISTICAL DATA		
Temperature range at storage	-40+80 °C	
Energy labelling regulation data acc EU 2019/2015		
Lighting technology used	LED	
Non-directional or directional	NDLS	
Mains or non-mains	MLS	

E27

No No No

No

No

0 W

0.380

Color-tuneable light source	
Envelope	
High luminance light source	

Light source cap-type (or other electric interface)

Connected light source (CLS)

Anti-glare shield

Standby power

Chromaticity coordinate x

Correlated colour temperature type	SINGLE_VALUE

Claim of equivalent power	Yes

Length	135.00 mm

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Width	95.00 mm
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R9 Colour rendering index	0.00
Beam angle correspondence	SPHERE_360

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Survival factor		0.90

Displacement factor	≥0.7

LED light source replaces a fluorescent light source	
EPREL ID	642804

Model number	AC3400

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075758247	Folding box 1	110 mm x 110 mm x 158 mm	110.00 g	1.91 dm³
4058075758254	Shipping box 10	564 mm x 231 mm x 175 mm	1345.00 g	22.80 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.

References / Links

- For dimming conformity see www.ledvance.com/dim
- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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