

PRODUCT DATASHEET CLAS GLOBE125 100 DIM S 11W 927 FIL CL E27

LED CLASSIC GLOBE DIM CRI90 S | Dimmable LED lamps, classic ball shape, CRI90, with greatly reduced blue component



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

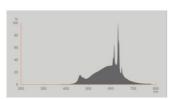
TECHNICAL DATA

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	1.66 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)	433
Total harmonic distortion	13.5 %
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	90
Light color	927
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



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	168.00 mm
Diameter	124.00 mm
Maximum diameter	124 mm
Product weight	100.00 g

Temperatures & operating conditions

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

Lifespan

Lifespan	15000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.93
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	Clear	
Product remark	All technical parameters apply to the entire lamp / Due to the comple 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		
Energy consumption	11.00 kWh/1000h		
Type of protection	IP20		
Standards	CE / ERP / RoHS / REACH / UKCA		
Photobiological safety group acc. to EN62778	RG0		
Country-specific categorizations			
Order reference	LEDG125100DIM 1		
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	not applicable		
Networked standby power for CLS	not applicable		
Claim of equivalent power	Yes		
Length	168.00 mm		
Height	124.00 mm		
Width	124.00 mm		
Chromaticity coordinate x	0.463		
Chromaticity coordinate y	0.420		
R9 Colour rendering index	>0		
Beam angle correspondence	SPHERE_360		
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0.90

Survival factor

Displacement factor	≥0.7
LED light source replaces a fluorescent light source	No
EPREL ID	1361266
Model number	AC45178

DOWNLOAD DATA

DOWNLOAD DATA



Declarations Of Conformity CE

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854062087	Folding box 1	140 mm x 140 mm x 179 mm	130.00 g	3.48 dm ³
4099854062094	Shipping box 10	710 mm x 290 mm x 193 mm	1665.00 g	39.74 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.