PRODUCT DATASHEET

LED Superstar Plus Classic Globe 125 60 Filament Glow DIM 7W 822…827 E27

LED SUPERSTAR CLASSIC GLOBE GLOWdim | LED lamps with GLOWdim effect, classic ball shape



Areas of application

- Hospitality
- Historical buildings
- Residential interiors
- Marine lighting
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Provides an especially warm light when dimmed down
- Directly controllable via standard dimmer, no remote control required
- Can be easily combined with other GLOWdim products in one application
- Very long lifetime of up to 25,000 h
- Lower energy consumption than incandescent or halogen lamps
- Easy relamping thanks to compact design

Product features

- LED alternative to conventional lamps
- Dimming changes light color from warm white (2700 K) to extra warm white (2200 K)
- Good quality of light; color rendering index CRI ≥ 80
- Dimmable



TECHNICAL DATA

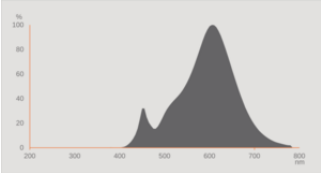
Electrical data

Nominal wattage	7 W
Construction wattage	7.00 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	44 mA
Type of current	AC
Inrush current	0.5 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	181
Max. lamp number on MCB B16 A	290
Maximum total harmonic distortion	110 %
Power factor λ	≥ 0.40

Photometrical data

Luminous flux	806 lm
Luminous efficacy	115 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Tunable Warm White
Color temperature	2200…2700 K
Color rendering index Ra	80
Light color	822…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

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EPREL data spectral diagram PROF LEDr 2700K

Light technical data

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

Dimensions & Weight



Overall length	173.00 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	61 °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

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Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Clear
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
Added function	Glow DIM

Capabilities

Dimmable	Yes [1)]

1) Check dimmer compatibility at ledvance.com/compatibility

Certificates & Standards

Energy efficiency class	E [1)]
Energy consumption	7.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA
Photobiological safety group acc. to EN62778	RG1

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

Country-specific categorizations

ILCOS	DRAG/C-7/827-220/240-E27-125
Order reference	LEDSG12560GD 7W

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

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Anti-glare shield	No
Correlated colour temperature type	RANGE
Claim of equivalent power	Yes
Length	173.00 mm
Height	124.00 mm
Width	124.00 mm
Chromaticity coordinate x	0.502-0.463
Chromaticity coordinate y	0.415-0.420
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	≥0.5
LED light source replaces a fluorescent light source	No
EPREL ID	523228,1358098
Model number	AC32280,AC44593,AC44593

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 MAGNETIC

	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
4058075808942	Folding box 1	140 mm x 140 mm x 236 mm	179.00 g	4.63 dm^3
4058075810372	Shipping box 4	299 mm x 293 mm x 247 mm	1020.00 g	21.64 dm^3

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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

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