

# PRODUCT DATASHEET LED Star Globe 125 60 7W 827 Frosted E27

LED Retrofit CLASSIC GLOBE125 | 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
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Design, dimensions, luminous flux comparable to an incandescent lamp
- Lamps with innovative LED "filament" technology

#### **Product features**

- LED lamps for line voltage
- Not dimmable
- Lifetime up to 15,000 h
- Beam angle: up to 360°
- Lamp made of glass
- Good quality of light; color rendering index  $R_{a:} \ge 80$ ; constant chromaticity





### TECHNICAL DATA

### Electrical data

Nominal wattage	7 W
Construction wattage	7.00 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	46 mA
Type of current	AC
Inrush current	1 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	75
Max. lamp number on MCB B16 A	110
Total harmonic distortion	93.1 %
Power factor $\lambda$	> 0.50

### 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)	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

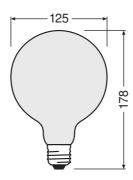


EPREL data spectral diagram PROF LEDr 2700K

## Light technical data

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

### Dimensions & Weight



Overall length	178.00 mm
Diameter	125.00 mm
Maximum diameter	125 mm
Product weight	88.00 g

## Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	48.6 °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	No
Certificates & Standards	
Energy efficiency class	E 1)
Energy consumption	7.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA
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Photobiological safety group acc. to EN62778	RG1
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High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Claim of equivalent power	Yes
Length	178.00 mm
Height	125.00 mm
Width	125.00 mm
Chromaticity coordinate x	0.463
Chromaticity coordinate y	0.420
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	20.5
LED light source replaces a fluorescent light source	No
EPREL ID	523097,1358112
Model number	AC32476,AC44671

## 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	CLA 60 dim andCLGLOBE125	
	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
4058075269866	Folding box 1	140 mm x 140 mm x 236 mm	179.00 g	4.63 dm <sup>3</sup>

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075269873	Shipping box 4	299 mm x 293 mm x 247 mm	1000.00 g	21.64 dm <sup>3</sup>

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.