PRODUCT DATASHEET

LED Classic Globe 125 60 Filament V 5.9W 827 Clear E27

LED CLASSIC GLOBE V | LED lamps, classic ball shape



VALUE CLASS

Areas of application

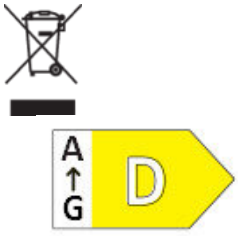
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Can be easily fitted instead of ordinary light bulbs

Product features

- LED alternative to conventional lamps
- Not dimmable
- Good color rendering CRI ≥ 80 and color stability throughout the life of the lamp



TECHNICAL DATA

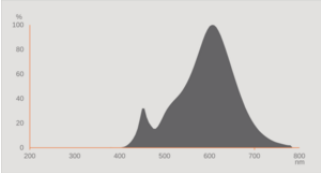
Electrical data

Nominal wattage	5.9 W
Construction wattage	5.90 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	38 mA
Type of current	AC
Inrush current	1.18 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	184
Max. lamp number on MCB B16 A	219
Maximum total harmonic distortion	111 %
Power factor λ	> 0.50

Photometrical data

Luminous flux	806 lm
Luminous efficacy	136 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
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	300 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	168.00 mm
Diameter	125.00 mm
Maximum diameter	125 mm
Product weight	95.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	65 °C

Lifespan

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

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg

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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

Capabilities

Dimmable	No

Certificates & Standards

Energy efficiency class	D [1)]
Energy consumption	6.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC / 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

Order reference	LED G12560 5.9W

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	168.00 mm

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Height	125.00 mm
Width	125.00 mm
Chromaticity coordinate x	0.4578
Chromaticity coordinate y	0.4101
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.9
Displacement factor	0.5
LED light source replaces a fluorescent light source	No
EPREL ID	2180130,2506941
Model number	AC70095,AC92619

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
PDF	Declarations of conformity	LED lamps
PDF	Declarations of conformity UKCA	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
4099854467752	Folding box 1	140 mm x 140 mm x 189 mm	125.00 g	3.68 dm^3
4099854467769	Shipping box 10	710 mm x 290 mm x 203 mm	2200.00 g	41.80 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.

References / Links

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

DISCLAIMER

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