

product_datasheet_title

LED Star Globe 125 100 11W 827 Frosted E27

LED Retrofit CLASSIC GLOBE125 | LED lamps, classic ball shape



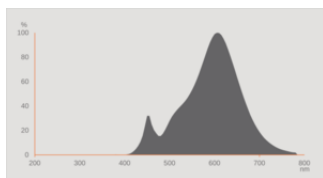
technical_data

ELECTRICAL DATA

Nominal wattage	11 W
Construction wattage	11.00 W
Nominal voltage	220...240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	100 W
Nominal current	80 mA
Type of current	AC
Inrush current	4,4 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	34
Max. lamp number on MCB B16 A	43
Total harmonic distortion	91.7 %
Power factor λ	> 0.50

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	80
Light color	827
Standard deviation of color matching	≤6 sdcn
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	≤1.0
Stroboscope effect metric (SVM)	≤0.4

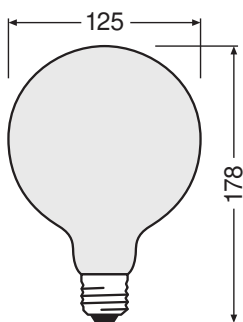


EPREL data spectral diagram PROF
LEDr 2700K

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	90.00 g

TEMPERATURES & OPERATING CONDITIONS

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	50 °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
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CERTIFICATES & STANDARDS

Energy efficiency class	D ¹⁾
Energy consumption	11.00 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

Order reference	LEDSG125100 11W
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LOGISTICAL DATA


Temperature range at storage	-20...+80 °C
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Energy labelling regulation data

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
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	>0
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.7
LED light source replaces a fluorescent light source	no
EPREL ID	1402998,523037,1358109
Model number	AC32356,AC44668,AC17537

download_data

Documents and certificates	document_name
 Declarations Of Conformity CE	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	dimensions	weight	volume
4058075269880	Folding box 1	140 mm x 140 mm x 236 mm	169.00 g	4.63 dm ³
4058075269897	Shipping box 4	299 mm x 293 mm x 247 mm	1020.00 g	21.64 dm ³

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