

PRODUCT DATASHEET LED Classic Globe 80 40 Filament Energy efficiency class A 2.2W 840 Clear E27

LED LAMPS ENERGY CLASS A ENERGY EFFICIENCY FILAMENT CLASSIC Globe | LED lamps, classic ball shape, ENERGY EFFICIENCY CLASS A



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
- Low energy consumption
- Instant 100 % light, no warm-up time
- Low flickering

Product features

- LED lamps for line voltage
- Beam angle: up to 300°
- Very long lifetime of up to 50,000 h
- Very high number of switching cycles up to 100,000
- Luminous efficacy: up to 210 lm/W





TECHNICAL DATA

Electrical data

Nominal wattage	2.2 W
Construction wattage	2.20 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	40 W
Nominal current	20 mA
Type of current	AC
Inrush current	1.44 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	151
Max. lamp number on MCB B16 A	180
Total harmonic distortion	110 %
Power factor λ	≥ 0.40

Photometrical data

Luminous flux	470 lm
Luminous efficacy	213 lm/W
Lumen main.fact.at end of nom.life time	0.96
Light color (designation)	Cool white
Color temperature	4000 K
Color rendering index Ra	80
Light color	840
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	≤1.0
Stroboscope effect metric (SVM)	≤0.4



Spectral graph Classic 4000K

Light technical data

Beam angle	330 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	115.00 mm
Diameter	80.00 mm
Maximum diameter	80 mm
Product weight	40.00 g

Temperatures & operating conditions

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

Lifespan

Lifespan L70/B50 at 25 °C	50000 h
Number of switching cycles	500000
Lumen maintenance at end of service lifetime	0.96

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 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

	PRODUCT DATASHE
Dimmable	No
Certificates & Standards	
Energy efficiency class	A 1)
Energy consumption	3.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC / UKCA
Photobiological safety group acc. to EN62778	RG0
Order reference	LSSPG8040 2,2W/
Country-specific categorizations	
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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

No

No

0 W

Yes

SINGLE_VALUE

Not relevant

115.00 mm

80.00 mm

80.00 mm

SPHERE_360

0.380

0.380

1

High luminance light source

Correlated colour temperature type

Networked standby power for CLS

Claim of equivalent power

Chromaticity coordinate x

Chromaticity coordinate y

R9 Colour rendering index

Beam angle correspondence

Anti-glare shield

Standby power

Length

Height

Width

Survival factor	0.90
Displacement factor	≥0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1902963,2185098,2506879
Model number	AC60064,AC70284,AC92548

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
POF	Declarations of conformity	LED lamp
POF	Declarations of conformity	LED lamps
POF	Declarations of conformity UKCA	LED lamp
POF	Declarations of conformity UKCA	LED lamps

Photometric and lighting design files	Document name
Spectral power distribution	Spectral graph Classic 4000K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075839489	Folding box 1	81 mm x 81 mm x 155 mm	74.00 g	1.02 dm ³
4058075839496	Shipping box	260 mm x 184 mm x 170 mm	667.00 g	8.13 dm ³

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.