

PRODUCT DATASHEET LED Classic Globe 80 40 Filament Energy efficiency class A 2.2W 827 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





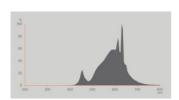
TECHNICAL DATA

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)	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



EPREL Data Spectral Diagram LEDr _2700K_EELB

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 DATASHEET
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	
Country-specific categorizations		
Order reference	LSSPG8040 2,2W/	
Order release to	2,200	
LOGISTICAL DATA		
Temperature range at storage	-20+80 °C	
Energy labelling regulation data acc EU 2019/2015		
Lighting technology used		
3 - 3	LED	
Non-directional or directional	LED NDLS	
Non-directional or directional	NDLS	

No

No

No

No

0 W

Yes

SINGLE_VALUE

Not relevant

Envelope High luminance light source Anti-glare shield Correlated colour temperature type Standby power Networked standby power for CLS Claim of equivalent power

Chromaticity coordinate x

Chromaticity coordinate y

R9 Colour rendering index

Beam angle correspondence

Length

Height

Width

Color-tuneable light source

Survival factor	0.90
Displacement factor	≥0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1902957,2185103,2506858
Model number	AC60063,AC70021,AC92522

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 lamp
PDF	Declarations of conformity	LED lamps
PDF	Declarations of conformity UKCA	LED lamp
PDF	Declarations of conformity UKCA	LED lamps

Photometric and lighting design files	Document name
Spectral power distribution	EPREL Data Spectral Diagram LEDr _2700K_EELB

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075839465	Folding box 1	81 mm x 81 mm x 155 mm	74.00 g	1.02 dm ³
4058075839472	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.