

# PRODUCT DATASHEET

## LED Classic Edison 60 Filament Energy efficiency class A S 4W 830 Clear E27

LED CLASSIC EDISON ENERGY EFFICIENCY A S | LED lamps, classic edison 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
- Low energy consumption
- Design, dimensions, luminous flux comparable to a halogen lamp
- Instant 100 % light, no warm-up time
- Low flickering

### Product features

- LED lamps for line voltage
- Luminous efficacy: up to 210 lm/W
- Beam angle: up to 300°
- Very long lifetime of up to 50,000 h
- Very high number of switching cycles 500,000



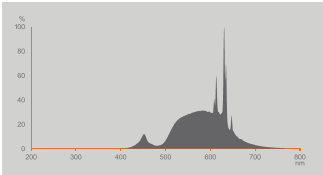
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**TECHNICAL DATA****Electrical data**

Nominal wattage	4 W
Construction wattage	4.00 W
Nominal voltage	220...240 V
Operating mode	Mains voltage
Claimed equiv. conventional lamp power	60 W
Nominal current	37 mA
Type of current	AC
Inrush current	2.57 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	54
Max. lamp number on MCB B16 A	68
Total harmonic distortion	125 %
Power factor $\lambda$	$\geq 0.40$

**Photometrical data**

Luminous flux	840 lm
Nominal useful luminous flux 90°	840 lm
Luminous efficacy	210 lm/W
Lumen main.fact.at end of nom.life time	0.98
Light color (designation)	Warm White
Color temperature	3000 K
Color rendering index Ra	$\geq 80$
Light color	830
Standard deviation of color matching	$\leq 6$ sdc <sub>m</sub>
Flickering metric (Pst LM)	$\leq 1$
Stroboscope effect metric (SVM)	$\leq 0,4$



EPREL Data Spectral Diagram LEDr  
3000K Energy Class A Globe  
Edison

Light technical data

Beam angle	320 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	140.00 mm
Diameter	64.00 mm
Maximum diameter	64 mm
Product weight	46.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	<49 °C

Lifespan

Lifespan L70/B50 at 25 °C	50000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.98
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg
Design / version	Clear

### Capabilities

Dimmable	No
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### Certificates & Standards

Energy efficiency class	A
Energy consumption	4.00 kWh/1000h
Type of protection	IP20
Standards	CE / ERP / ROHS / REACH / UKCA
Photobiological safety group acc. to EN62778	RG0

### Country-specific categorizations

Order reference	LEDISON60 4W/83
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### 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
Networked standby power for CLS	not applicable
Claim of equivalent power	Yes
Length	140.00 mm
Height	64.00 mm
Width	64.00 mm
Chromaticity coordinate x	0,46
Chromaticity coordinate y	0,445
R9 Colour rendering index	1

Beam angle correspondence	SPHERE_360
Survival factor	0,90
Displacement factor	not applicable
LED light source replaces a fluorescent light source	No
EPREL ID	1260034
Model number	AC43735

### 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
	Declarations of conformity	LED lamp Globe FIL lamp
Photometric and lighting design files		Document name
	Spectral power distribution	EPREL Data Spectral Diagram LEDr 3000K Energy Class A Globe Edison

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854002946	Folding box 1	65 mm x 65 mm x 179 mm	65.00 g	0.76 dm <sup>3</sup>
4099854002953	Shipping box 6	216 mm x 143 mm x 153 mm	495.00 g	4.73 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.

### References / Links

- For dimming conformity see [www.ledvance.com/dim](http://www.ledvance.com/dim)
- For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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