

# PRODUCT DATASHEET LED Classic Edison 60 Filament Energy efficiency class A S 3.8W 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





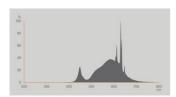
## **TECHNICAL DATA**

## Electrical data

Nominal wattage	3.8 W
Construction wattage	3.80 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	40 mA
Type of current	AC
Inrush current	0.5 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	200
Max. lamp number on MCB B16 A	320
Power factor $\lambda$	≥ 0.40

## Photometrical data

Luminous flux	806 lm
Luminous efficacy	212 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	80
Light color	830
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	≤1.0
Stroboscope effect metric (SVM)	≤0.4



EPREL Data Spectral Diagram LEDr \_3000K\_EELA

## 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	48.00 g

## Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	42 °C

## Lifespan

Lifespan L70/B50 at 25 °C	50000 h
Number of switching cycles	500000
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
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	A 1)
Energy consumption	4.00 kWh/1000h
Type of protection	IP20
Standards	CE / ERP / RoHS / REACH / UKCA
Photobiological safety group acc. to EN62778	RG1
Country-specific categorizations	
Country-specific categorizations  Order reference	LEDISON60EELA 3
·	LEDISON60EELA 3
Order reference	LEDISON60EELA 3  -20+80 °C
Order reference  LOGISTICAL DATA  Temperature range at storage	
Order reference  LOGISTICAL DATA  Temperature range at storage	
Order reference  LOGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015	-20+80 °C
Order reference  LOGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used	-20+80 °C
Order reference  LOGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional	-20+80 °C  LED  NDLS
Order reference  LOGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains	-20+80 °C  LED  NDLS  MLS
Order reference  LOGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains  Light source cap-type (or other electric interface)	-20+80 °C  LED  NDLS  MLS  E27
Order reference  OGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains  Light source cap-type (or other electric interface)  Connected light source (CLS)	-20+80 °C  LED  NDLS  MLS  E27  No
Order reference  OGISTICAL DATA  Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains  Light source cap-type (or other electric interface)  Connected light source (CLS)  Color-tuneable light source	-20+80 °C  LED  NDLS  MLS  E27  NO  NO

No

0 W

Yes

140.00 mm

64.00 mm

SINGLE\_VALUE

Anti-glare shield

Standby power

Length

Height

Claim of equivalent power

Correlated colour temperature type

Width	64.00 mm
Chromaticity coordinate x	0.440
Chromaticity coordinate y	0.403
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
LED light source replaces a fluorescent light source	No
EPREL ID	1361299
Model number	AC44618

## 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 CLASSIC
	Photometric and lighting design files	Document name

Photometric and lighting design files	Document name
Spectral power distribution	EPREL Data Spectral Diagram LEDr _3000K_EELA

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854060236	Folding box	65 mm x 65 mm x 179 mm	67.00 g	0.76 dm <sup>3</sup>
4099854060243	Shipping box	216 mm x 143 mm x 153 mm	507.00 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
- For Guarantee see www.ledvance.com/guarantee

## DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.