

## PRODUCT DATASHEET

# Vintage 1906 Edison 60 Filament DIM 8.8W 824 Gold E27

Vintage 1906 LED CLASSIC EDISON DIM | Dimmable LED lamps, vintage edition, classic Edison bulb shape



### Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

### Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lamps with innovative LED "filament" technology

### Product features

- LED lamps for line voltage
- Lamp made of glass
- Lifetime up to 15,000 h
- Beam angle: up to 360°
- Dimmable
- Good quality of light; color rendering index  $R_a \geq 80$ ; constant chromaticity



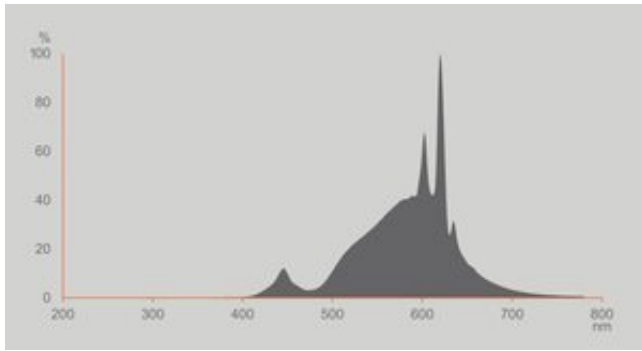
## TECHNICAL DATA

### Electrical data

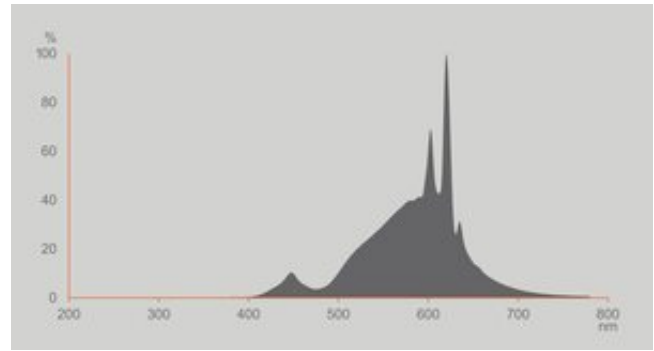
Nominal wattage	8.8 W
Construction wattage	8.80 W
Nominal voltage	220...240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	40 mA
Type of current	AC
Inrush current	2.3 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	200
Max. lamp number on MCB B16 A	320
Total harmonic distortion	21 %
Power factor $\lambda$	$\geq 0.50$

### Photometrical data

Luminous flux	806 lm
Luminous efficacy	91 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Comfort warm white
Color temperature	2400 K
Color rendering index Ra	$\geq 80$
Light color	824
Standard deviation of color matching	$\leq 6$ sdc
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	$\leq 1.0$
Stroboscope effect metric (SVM)	$\leq 0.4$



Spectral diagram 1906 SFIL



Spectral diagram 1906 SFIL

**Light technical data**

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

**Dimensions & Weight**

Overall length	143.00 mm
Diameter	64.00 mm
Maximum diameter	64 mm
Product weight	50.00 g

**Temperatures & operating conditions**

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	70 °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	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	Yes <sup>1)</sup>
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<sup>1)</sup> Check dimmer compatibility at [ledvance.com/compatibility](https://www.ledvance.com/compatibility)

## Certificates &amp; Standards

Energy efficiency class	F <sup>1)</sup>
Energy consumption	9.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG0

<sup>1)</sup> Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

## Country-specific categorizations

Order reference	1906LDISOND8,8W
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## LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
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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
Claim of equivalent power	Yes
Length	143.00 mm
Height	64.00 mm
Width	64.00 mm
Chromaticity coordinate x	0.494
Chromaticity coordinate y	0.424
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.9
Displacement factor	≥0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1544504
Model number	AC52026,AC52026

**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 CLASSIC

Photometric and lighting design files		Document name
	Spectral power distribution	Spectral diagram 1906 SFIL
	Spectral power distribution	Spectral diagram 1906 SFIL

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854137846	Folding box 1	65 mm x 65 mm x 179 mm	69.00 g	0.76 dm <sup>3</sup>
4099854137853	Shipping box 4	148 mm x 142 mm x 191 mm	369.00 g	4.01 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.

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## DISCLAIMER

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