PRODUCT DATASHEET

Vintage 1906 Edison Spiral Filament 1.8W 822 Gold E27

Vintage 1906 LED EDISON | 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°



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TECHNICAL DATA

Electrical data

Nominal wattage	1.8 W
Construction wattage	1.80 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Nominal current	14 mA
Type of current	AC
Inrush current	1.2 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	27
Max. lamp number on MCB B16 A	44
Maximum total harmonic distortion	125 %
Power factor λ	0.50

Photometrical data

Luminous flux	30 lm
Luminous efficacy	16 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Comfort warm white
Color temperature	2200 K
Color rendering index Ra	80
Light color	822
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	≤1.0
Stroboscope effect metric (SVM)	≤0.4

Light technical data

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

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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	53 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Clear gold
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 consumption	2.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA / EAC

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Photobiological safety group acc. to EN62778	RG1

Country-specific categorizations

Order reference	1906LDISON 1,8W

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
High luminance light source	No
Anti-glare shield	No
Standby power	0 W
Claim of equivalent power	Yes
Length	140.00 mm
Height	64.00 mm
Width	64.00 mm
Chromaticity coordinate x	0.5018
Chromaticity coordinate y	0.4153
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	≥0.5
LED light source replaces a fluorescent light source	No

Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

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DOWNLOAD DATA

	Documents and certificates	Document name
PDF	On-Pack-Info	ELR - exempt lamps
PDF	Declarations of conformity	LED lamp
PDF	Declarations of conformity UKCA	LED lamp

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854551840	Folding box 1	65 mm x 65 mm x 179 mm	67.00 g	0.76 dm^3
4099854551857	Shipping box 4	148 mm x 142 mm x 191 mm	359.00 g	4.01 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.

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