PRODUCT DATASHEET

Vintage 1906 Edison 40 Filament DIM 5.8W 822 Gold E27

Vintage 1906 LED CLASSIC SLIM FILAMENT EDISON DIMMABLE | Dimmable LED lamps, vintage edition, classic Edison bulb shape slim filament - style LED technology



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 "slim-filament" technology
- Spiral slim-filament with ϕ 0.6 mm
- Straight, long slim - filament width: minimum 0.7 mm

Product features

- LED lamps for line voltage
- Lamp made of glass
- Lifetime up to 15,000 h
- Beam angle: up to 360°
- Dimmable
- Can be used directly as luminaire
- Thinner filament, better decorative effect





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TECHNICAL DATA

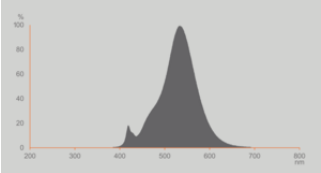
Electrical data

Nominal wattage	5.8 W
Construction wattage	5.80 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	40 W
Nominal current	35 mA
Type of current	AC
Inrush current	0.08 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	228
Max. lamp number on MCB B16 A	365
Maximum total harmonic distortion	30 %
Power factor λ	> 0.50

Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	81 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Warm Comfort Light
Color temperature	2200 K
Color rendering index Ra	80
Light color	822
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	≤1
Stroboscope effect metric (SVM)	≤0.4

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EPREL Data Spectral Diagram LEDr _2200K

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	45.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	53.4 °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

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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	Yes [1)]

1) Check dimmer compatibility at ledvance.com/compatibility

Certificates & Standards

Energy efficiency class	G [1)]
Energy consumption	6.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

Order reference	1906LEDISOND5,8

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
Correlated colour temperature type	SINGLE_VALUE

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Standby power	0 W
Claim of equivalent power	Yes
Length	140.00 mm
Height	64.00 mm
Width	64.00 mm
Chromaticity coordinate x	0.502
Chromaticity coordinate y	0,415
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
EPREL ID	1212447
Model number	AC41922,AC41922

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	1906 LED lamps

	Photometric and lighting design files	Document name
	Spectral power distribution	EPREL Data Spectral Diagram LEDr _2200K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854091063	Folding box 1	65 mm x 65 mm x 179 mm	64.00 g	0.76 dm^3
4099854091070	Shipping box 4	148 mm x 142 mm x 191 mm	347.00 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.

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DISCLAIMER

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