

PRODUCT DATASHEET Vintage 1906 Edison 5 Spiral Filament DIM 3W 618 Copper 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°



3W 618 Copper E27

- Dimmable
- Good quality of light; color rendering index $\rm R_{a}\!\!: \geq 80;$ constant chromaticity
- Can be used directly as luminaire
- Thinner filament, better decorative effect

TECHNICAL DATA

Electrical data

Nominal wattage	3 W
Construction wattage	3.00 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	5 W
Nominal current	17 mA
Type of current	AC
Inrush current	0.167 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	179
Max. lamp number on MCB B16 A	287
Total harmonic distortion	120 %
Power factor λ	0.50

Photometrical data

Luminous flux	45 lm
Luminous efficacy	15 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Comfort warm white
Color temperature	1800 K
Color rendering index Ra	66
Light color	618
Standard deviation of color matching	≤ 20 sdcm
Flickering metric (Pst LM)	≤1.0
Stroboscope effect metric (SVM)	≤0.4

Light technical data

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

Dimensions & Weight



Overall length	139.00 mm
Diameter	64.00 mm
Maximum diameter	64 mm
Product weight	40.00 g
Temperatures & operating conditions	

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	60 °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	Copper	
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

¹⁾ Check dimmer compatibility at ledvance.com/compatibility

Certificates & Standards

Energy consumption	3.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA / EAC
Photobiological safety group acc. to EN62778	RG1

3W 618 Copper E27

Country-specific categorizations

Order reference

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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	o W
Claim of equivalent power	Yes
Length	139.00 mm
Height	64.00 mm
Width	64.00 mm

0.5513

0.4153

SPHERE_360

1

0.90

≥0.5

No

1906LDISOND 3W/

Safety advice

Survival factor

Displacement factor

- Do not touch the lamp if broken.

Chromaticity coordinate x

Chromaticity coordinate y

R9 Colour rendering index

Beam angle correspondence

- Must not be used if outer bulb is defective.

LED light source replaces a fluorescent light source

DOWNLOAD DATA

3W 618 Copper E27

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

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854586309	Folding box	69 mm x 69 mm x 179 mm	58.00 g	0.85 dm ³
4099854586316	Shipping box 4	162 mm x 154 mm x 189 mm	325.00 g	4.72 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.