

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 \varnothing 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
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity
- Can be used directly as luminaire
- Thinner filament, better decorative effect

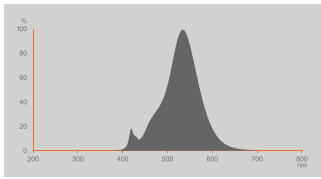
TECHNICAL DATA

Electrical data

Nominal wattage	5.8 W
Construction wattage	5.80 W
Nominal voltage	220...240 V
Operating mode	Mains voltage
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
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)	Comfort warm white
Color temperature	2200 K
Color rendering index Ra	80
Light color	822
Standard deviation of color matching	≤6 sdcn
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	≤1
Stroboscope effect metric (SVM)	≤0,4



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
-----------------------------	-----

Mercury content	0.0 mg
Design / version	Clear

Capabilities

Dimmable	Yes
----------	-----

Certificates & Standards

Energy efficiency class	G
Energy consumption	6.00 kWh/1000h
Type of protection	IP20
Standards	CE / ROHS / REACH
Photobiological safety group acc. to EN62778	RG0

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
Standby power	0 W
Networked standby power for CLS	not applicable
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	0.00
Beam angle correspondence	SPHERE_360
Survival factor	0,9
Displacement factor	≥0,50
LED light source replaces a fluorescent light source	No
EPREL ID	1212447
Model number	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
	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
4058075761513	Folding box 1	87 mm x 87 mm x 191 mm	95.00 g	1.45 dm ³
4058075761520	Shipping box 4	185 mm x 185 mm x 206 mm	504.00 g	7.05 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.