

# PRODUCT DATASHEET Vintage 1906 Edison 42 Filament DIM 11W 818 Smoke E27

Vintage 1906 LED DIM | LED lamps, dimmable vintage edition



#### 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  $\phi$  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  $R_{a:} \ge 80$ ; constant chromaticity
- Can be used directly as luminaire
- Thinner filament, better decorative effect

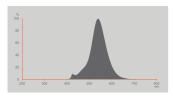
## TECHNICAL DATA

## Electrical data

Nominal wattage	11 W
Construction wattage	11.00 W
Nominal voltage	220240 V
Operating mode	Mains voltage
Claimed equiv. conventional lamp power	42 W
Nominal current	55 mA
Type of current	AC
Inrush current	0.4 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	145
Max. lamp number on MCB B16 A	232
Total harmonic distortion	30 %
Power factor $\lambda$	> 0.50

## Photometrical data

Luminous flux	500 lm
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Nominal useful luminous flux 90°	500 lm
Luminous efficacy	45 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	80
Light color	818
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



EPREL Data Spectral Diagram LEDr \_1800K\_1906\_Vintage\_Smoke

## 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	65,4 °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

Management	0.0
Mercury content	0.0 mg
Design / version	Clear
Capabilities	
Dimmable	Yes
Certificates & Standards	
Type of protection	IP20
Standards	CE / ROHS / REACH
Photobiological safety group acc. to EN62778	RG0
Country-specific categorizations	
Order reference	1906LEDISOND 11
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
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	0,552
Chromaticity coordinate y	0,408
R9 Colour rendering index	1

SPHERE\_360

Beam angle correspondence

Survival factor	0,9
Displacement factor	≥0,70
LED light source replaces a fluorescent light source	No
EPREL ID	1213081
Model number	AC41909

## 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 _1800K_1906_Vintage_Smoke

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075761131	Folding box 1	87 mm x 87 mm x 191 mm	95.00 g	1.45 dm <sup>3</sup>
4058075761148	Shipping box 4	185 mm x 185 mm x 206 mm	504.00 g	7.05 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.

#### **DISCLAIMER**

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