

PRODUCT DATASHEET Vintage 1906 Edison 10 Filament 3.4W 818 Smoke E27

Vintage 1906® LED CLASSIC A, Globe and EDISON | LED lamps, vintage edition, classic bulb, classic ball and Edison bulb shape with slim filament - style LED technology



Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

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

Product features

- LED lamps for line voltage
- Lamp made of glass
- Lifetime up to 15,000 h
- Beam angle: up to 360°
- Good quality of light; color rendering index R_a : \geq 80; constant chromaticity
- Can be used directly as luminaire



- Thinner filament, better decorative effect
- Pleasant light: Warm white comfort light color

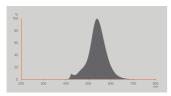
TECHNICAL DATA

Electrical data

Nominal wattage	3.4 W
Construction wattage	3.40 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	10 W
Nominal current	20 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	400
Max. lamp number on MCB B16 A	640
Power factor λ	> 0.50

Photometrical data

Luminous flux	100 lm
Nominal useful luminous flux 90°	100 lm
Luminous efficacy	29 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Warm Comfort Light
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	51.2 °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		
Mercury-free	Yes	
Design / version	Clear smoke	
Product remark	All technical parameters apply to the entire lamp / Due to the comp 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		
Type of protection	IP20	
Standards	CE / EAC	
Photobiological safety group acc. to EN62778	RG0	
Country-specific categorizations		
Order reference	1906LDISON 3,4W	
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	

0,552

Chromaticity coordinate x

Chromaticity coordinate y	0.408
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	1224608
Model number	AC41905,AC41905

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	1906 LED lamps	
	Distance tris and lighting design files Desuggest to			

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
4099854091353	Folding box 1	65 mm x 65 mm x 179 mm	64.00 g	0.76 dm ³
4099854091360	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.

DISCLAIMER

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