

PRODUCT DATASHEET

Vintage 1906 Globe 80 42 Filament DIM 11W 818 Smoke E27

Vintage 1906 LED CLASSIC SLIM FILAMENT Globe DIMMABLE | Dimmable LED lamps, vintage edition, classic ball shape with 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 $\varnothing 0.6\text{mm}$
- Straight, long slim - filament width: minimum 0.7mm

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

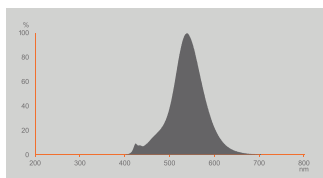
TECHNICAL DATA

Electrical data

Nominal wattage	11 W
Construction wattage	11.00 W
Nominal voltage	220...240 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 λ	> 0.50

Photometrical data

Luminous flux	500 lm
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 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
_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	120.00 mm
Diameter	80.00 mm
Maximum diameter	80 mm
Product weight	42.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	67,2 °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
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Mercury content	0.0 mg
Design / version	Clear

Capabilities

Dimmable	Yes
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Certificates & Standards

Energy efficiency class	G
Energy consumption	11.00 kWh/1000h
Type of protection	IP20
Standards	CE / ROHS / REACH
Photobiological safety group acc. to EN62778	RG0

Country-specific categorizations

Order reference	1906LGL80D 11W/
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LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
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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	120.00 mm
Height	80.00 mm
Width	80.00 mm
Chromaticity coordinate x	0,552


Chromaticity coordinate y	0,408
R9 Colour rendering index	0.00
Beam angle correspondence	SPHERE_360
Survival factor	0,9
Displacement factor	≥0,70
LED light source replaces a fluorescent light source	No
EPREL ID	1212439
Model number	AC41914

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 _1800K_1906_Vintage_Smoke

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075761315	Folding box 1	111 mm x 111 mm x 165 mm	109.00 g	2.03 dm ³
4058075761322	Shipping box 4	233 mm x 233 mm x 206 mm	632.00 g	11.18 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.