PRODUCT DATASHEET

Vintage 1906 Ballon 10 Filament DIM 4.5W 816 Blue E27

Vintage 1906 LED Special Shapes Dimmable | Dimmable LED lamps, vintage edition, special bulb shape



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
- Available in various bulb shapes and diameters

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: ≥ 80; constant chromaticity
- Can be used directly as luminaire



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TECHNICAL DATA

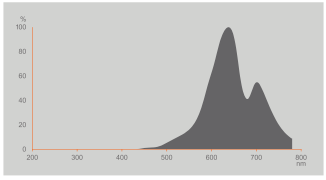
Electrical data

Nominal wattage	4.5 W
Construction wattage	4.50 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	10 W
Nominal current	27 mA
Type of current	AC
Inrush current	0.21 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	296
Max. lamp number on MCB B16 A	474
Maximum total harmonic distortion	85 %
Power factor λ	> 0.40

Photometrical data

Luminous flux	100 lm
Nominal useful luminous flux 90°	100 lm
Luminous efficacy	22 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Comfort warm white
Color temperature	1600 K
Color rendering index Ra	80
Light color	816
Standard deviation of color matching	≤9 sdcm
Flickering metric (Pst LM)	≤1
Stroboscope effect metric (SVM)	≤0,4

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EPREL Data Spectral Diagram LEDr _1600K_AC42357

Light technical data

Beam angle	320 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	270.00 mm
Diameter	170.00 mm
Maximum diameter	170 mm
Product weight	255.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	52 °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

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Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Clear
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

Dimmable	Yes [1)]

1) Check dimmer compatibility at ledvance.com/compatibility

Certificates & Standards

Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG0

Country-specific categorizations

Order reference	1906LBALLOND4,5

LOGISTICAL DATA

Temperature range at storage	-40…+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

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Length	270.00 mm
Height	170.00 mm
Width	170.00 mm
Chromaticity coordinate x	0,592
Chromaticity coordinate y	0,394
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0,9
Displacement factor	≥0,72
LED light source replaces a fluorescent light source	No

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	On-Pack-Info	ELR - exempt lamps
PDF	Declarations of conformity	LED lamp

	Photometric and lighting design files	Document name
	Spectral power distribution	EPREL Data Spectral Diagram LEDr _1600K_AC42357

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075761872	Folding box 1	185 mm x 185 mm x 356 mm	413.00 g	12.18 dm^3
4058075761889	Shipping box 4	394 mm x 394 mm x 388 mm	2415.00 g	60.23 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.

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