

PRODUCT DATASHEET

Vintage 1906 Big Oval 45 Magnetic DIM 12W 818 Amber E27

VINTAGE 1906 LED BIG DECORATIVE BULB WITH FILAMENT-MAGNETIC STYLE DIMMABLE | Dimmable LED lamps, decorative big bulbs with filament-magnetic technology



Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination

Product benefits

- Very low energy consumption
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Type of protection: IP20, Ideal for indoor use
- Decorative lamps with innovative LED "filament-magnetic" technology
- No Filament Holder: Perfect for decorative installations
- Available in various bulb shapes and diameters

Product features

- Lifetime: up to 15,000 h
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity
- Lamp made of plastic



- Pleasant light: Warm white comfort light colour
- Can be used directly as luminaire
- Dimmable

TECHNICAL DATA

Electrical data

Nominal wattage	12 W
Construction wattage	12.00 W
Nominal voltage	220...240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	45 W
Nominal current	70 mA
Type of current	AC
Inrush current	1 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	108
Max. lamp no. on circuit break. 16 A (B)	134
Total harmonic distortion	≤ 90 %
Power factor λ	≥ 0.50

Photometrical data

Luminous flux	550 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
Flickering metric (Pst LM)	≤1
Stroboscope effect metric (SVM)	≤0.4

Light technical data

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

Dimensions & Weight

Overall length	300.00 mm
Diameter	250.00 mm
Maximum diameter	250 mm
Product weight	650.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	55 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93

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⁾
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¹⁾ Check dimmer compatibility at [ledvance.com/compatibility](https://www.ledvance.com/compatibility)

Certificates & Standards

Energy efficiency class	G ¹⁾
Energy consumption	12.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA / EAC
Photobiological safety group acc. to EN62778	RG1

1) Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Country-specific categorizations

Order reference	1906LBOVLD 12W/
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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
Claim of equivalent power	Yes
Length	300.00 mm
Height	250.00 mm
Width	250.00 mm
Chromaticity coordinate x	0.552
Chromaticity coordinate y	0.408
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.9
Displacement factor	≥0.7
LED light source replaces a fluorescent light source	No
EPREL ID	1854774
Model number	AC58051

DOWNLOAD DATA

Documents and certificates	
	Declarations Of Conformity CE
	Declarations Of Conformity UKCA

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075836266	Folding box 1	258 mm x 258 mm x 309 mm	1140.00 g	20.57 dm³
4058075836273	Shipping box 4	535 mm x 535 mm x 336 mm	5961.00 g	96.17 dm³

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.