PRODUCT DATASHEET

Vintage 1906 Big Ball 45 Filament Magnetic 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

- 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: ≥ 80; constant chromaticity
- Lamp made of plastic
- Pleasant light: Warm white comfort light color
- Can be used directly as luminaire
- Dimmable



© 2026, LEDVANCE GmbH. All rights reserved.

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 number on MCB B10 A	108
Max. lamp number on MCB B16 A	134
Maximum 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 sdcm
Flickering metric (Pst LM)	≤1.0
Stroboscope effect metric (SVM)	≤0.4

Light technical data

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

© 2026, LEDVANCE GmbH. All rights reserved.

Dimensions & Weight



Overall length	320.00 mm
Diameter	280.00 mm
Maximum diameter	280 mm
Product weight	600.00 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 amber
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

Energy consumption	12.00 kWh/1000h
Type of protection	IP20

© 2026, LEDVANCE GmbH. All rights reserved.

Standards	CE / UKCA / EAC
Photobiological safety group acc. to EN62778	RG1

Country-specific categorizations

Order reference	1906LBB45D12W/8

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	320.00 mm
Height	280.00 mm
Width	280.00 mm
Chromaticity coordinate x	0.552
Chromaticity coordinate y	0.408
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	≥0.7
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.

© 2026, LEDVANCE GmbH. All rights reserved.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	On-Pack-Info	ELR - exempt lamps
PDF	Declarations of conformity	LED lamp
PDF	Declarations of conformity UKCA	LED lamp

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854552007	Folding box 1	292 mm x 292 mm x 343 mm	822.00 g	29.25 dm^3
4099854552014	Shipping box 2	600 mm x 308 mm x 368 mm	2613.00 g	68.01 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.

© 2026, LEDVANCE GmbH. All rights reserved.