PRODUCT DATASHEET
1906 DECOR LED SPIRAL FILAMENT SQUARE 100 18 GOLD DIM 3.5W 818 E27

DECOR SPIRAL FILAMENT LAMP IN METAL HOUSING | Spiral filament lamp in Metal Housing



Areas of application

- Perfect for decorative installations
- Luxurious living areas

Product benefits

- The integrated lamp delivers a modern and luxurious atmosphere
- The special design offers comfortable light distribution
- Type of protection: IP20, Ideal for indoor use

Product features

- The integrated lamp features a unique spiral-shaped design
- Metal housing has two versions: Globe and Square
- Two different colors are offered for the lamp housing: Gold and Black
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Lifetime up to 25,000 h
- The integrated lamp cannot be detached from the housing
- Pleasant light: Warm white comfort light color
- Can be used directly as luminaire



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TECHNICAL DATA

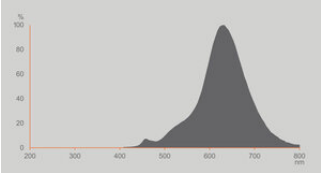
Electrical data

Nominal wattage	3.5 W
Construction wattage	3.50 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	18 W
Nominal current	19 mA
Type of current	AC
Inrush current	2.36 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	320
Max. lamp number on MCB B16 A	514
Maximum total harmonic distortion	141.90 %
Power factor λ	0.74

Photometrical data

Luminous intensity	Not relevant
Luminous flux	170 lm
Luminous efficacy	48 lm/W
Lumen main.fact.at end of nom.life time	0.96
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
Stroboscope effect metric (SVM)	0.4

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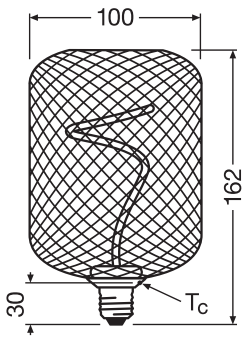


EPREL Data Spectral Diagram LEDr _1800K_Big_Shape_Smoke

Light technical data

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

Dimensions & Weight



Overall length	162.00 mm
Diameter	100.00 mm
Maximum diameter	100 mm
Product weight	84.00 g

Temperatures & operating conditions

Ambient temperature range	-25…+40 °C
Maximum temperature at tc test point	90 °C

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Lifespan

Lifespan L70/B50 at 25 °C	25000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.96

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

Energy consumption	4.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA / EAC
Photobiological safety group acc. to EN62778	RG1

Country-specific categorizations

Order reference	1906 METAL SQ G

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

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Envelope	No
High luminance light source	No
Anti-glare shield	No
Standby power	0 W
Claim of equivalent power	Yes
Length	162.00 mm
Height	100.00 mm
Width	100.00 mm
Chromaticity coordinate x	0.5499
Chromaticity coordinate y	0.4050
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.9
Displacement factor	0.887
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 LDECO
PDF	Declarations of conformity UKCA	LED lamp LDECO

	Photometric and lighting design files	Document name
	Spectral power distribution	EPREL Data Spectral Diagram LEDr _1800K_Big_Shape_Smoke

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075840225	Folding box 1	111 mm x 111 mm x 210 mm	156.00 g	2.59 dm^3

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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075840232	Shipping box 4	238 mm x 230 mm x 225 mm	811.00 g	12.32 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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