PRODUCT DATASHEET

SMART+ Filament Globe Dimmable 42 6W 825 230V FIL SM E27

SMART+ WiFi Filament Globe Dimmable | Classic globe shape with filament-style with WiFi technology



Areas of application

- General illumination
- Residential interiors
- Professional (hotels, bars, boutiques etc.)
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Wireless control via app
- Easy to install and use
- Lower energy consumption than incandescent or halogen lamps

Product features

- Controllable via SMART+ App (with minimum Android 8.0 or iOS 14.0)
- Controllable via Google Assistant and Amazon Alexa possible
- Network protocol: WiFi
- Dimmable
- Lifetime up to 15,000 h



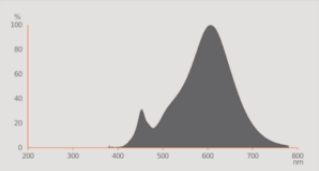
TECHNICAL DATA

Electrical data

Nominal wattage	6 W
Construction wattage	6.00 W
Nominal voltage	220…240 V
Nominal current	34 mA
Operating frequency	50…60 Hz
Mains frequency	50…60 Hz
Power factor λ	> 0.50
Claimed equiv. conventional lamp power	42 W
Operating mode	AC Mains

Photometrical data

Light color (designation)	Warm White
Lumen main.fact.at end of nom.life time	0.93
Standard deviation of color matching	≤6 sdcm
Nominal luminous flux	500 lm
Luminous flux	500 lm
Luminous efficacy	83 lm/W
Color temperature	2500 K
Color rendering index Ra	80
Flickering metric (Pst LM)	<1.0
Stroboscope effect metric (SVM)	<0.9



MJT3030 STW8C2SB 2700K

Light technical data

Beam angle	320 °
Starting time	< 0.5 s

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Warm-up time (60 %)	‹ 0.50 s

Dimensions & Weight



Product weight	285.00 g
Diameter	200.00 mm
Maximum diameter	200 mm
Length	290.00 mm
Width	200.00 mm
Height	200.00 mm
Outer bulb [PICOS]	G200

Lifespan

Number of switching cycles	100000
Lifespan	15000 h [1)]
Lumen maintenance at end of service lifetime	0.70

1) L70/B50

Colors & materials

Product color	Light grey

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C

Additional product data

Mercury-free	Yes
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
Base (standard designation)	E27

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Capabilities

Dimmable	Yes [1)]
Network protocol	WiFi
Compatible smart home technology	Amazon Alexa / Google Home

1) Via App

Certificates & Standards

Energy efficiency class	G [1)]
Energy consumption	6.00 kWh/1000h
Standards	CE
Type of protection	IP20

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

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)	Yes
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0.5 W
Networked standby power for CLS	0.50
Claim of equivalent power	Yes
Chromaticity coordinate x	0.4776
Chromaticity coordinate y	0.4147
R9 Colour rendering index	0.00
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.90
LED light source replaces a fluorescent light source	No
EPREL ID	644691
Model number	AC32972

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EQUIPMENT / ACCESSORIES

– For control via LEDVANCE SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)

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	Extended installation guide	SMART+ INSTALLATION GUIDE
PDF	Extended installation guide	Smart wifi DIM
PDF	Declarations of conformity	EU Declaration of Conformity – Smart Filament WiFi CL
PDF	EU Data Act	SMART WiFi Lamps and Luminaires

	Photometric and lighting design files	Document name
	Spectral power distribution	MJT3030 STW8C2SB 2700K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075609877	Folding box 1	220 mm x 212 mm x 308 mm	739.00 g	14.37 dm^3
4058075609884	Shipping box 2	456 mm x 324 mm x 239 mm	2215.00 g	35.31 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.

References / Links

– Further information and frequently asked questions (FAQs) at www.ledvance.com/en-int/home-lighting/services/faq

DISCLAIMER

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