PRODUCT DATASHEET
SMART+ Filament Globe Dimmable 53 6 W/2400 K 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
– Contains no mercury
– Lower energy consumption than incandescent or halogen lamps

Product features

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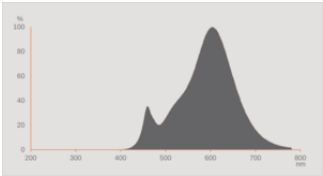– Dimmable
– Lifetime: up to 15,000 h

TECHNICAL DATA

Electrical data

Nominal wattage	6 W
Construction wattage	6.00 W
Nominal voltage	220…240 V
Nominal current	50 mA
Operating frequency	50…60 Hz / 50
Mains frequency	50…60 Hz
Power factor λ	> 0.50
Claimed equiv. conventional lamp power	53 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	680 lm
Luminous flux	680 lm
Luminous efficacy	113 lm/W
Adjustable color temperature	2400 K
Color temperature	2400 K
Color rendering index Ra	80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

LISO spectral power distribution
2700K CRI80 v1

Light technical data

Beam angle	300 °
Starting time	< 0.5 s
Warm-up time (60 %)	‹ 0.50 s

Dimensions & Weight

Product weight	100.00 g
Diameter	124.00 mm
Maximum diameter	124 mm
Length	168.00 mm
Width	124.00 mm
Height	124.00 mm
Outer bulb [PICOS]	G125

Lifespan

Number of switching cycles	100000
Lifespan	15000 h
Lumen maintenance at end of service lifetime	0.70

Colors & materials

Product color	Gold

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C

Additional product data

Mercury-free	Yes
Base (standard designation)	E27

Capabilities

Dimmable	Yes [1]
Compatible smart home technology	Google Assistant / Amazon Alexa

[1] Check dimmer compatibility at ledvance.com/compatibility

Certificates & Standards

Energy efficiency class	E [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	0.494
Chromaticity coordinate y	0.424
R9 Colour rendering index	0.00
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.50
LED light source replaces a fluorescent light source	No
EPREL ID	644682
Model number	AC32968

EQUIPMENT / ACCESSORIES

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

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Extended installation guide	SMART+ INSTALLATION GUIDE

Documents and certificates	Document name
Extended installation guide	Smart wifi DIM
Declarations of conformity	EU Declaration of Conformity – Smart Filament WiFi CL

Photometric and lighting design files	Document name
Spectral power distribution	LISO spectral power distribution 2700K CRI80 v1

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075609693	Folding box 1	143 mm x 140 mm x 195 mm	188.00 g	3.90 dm³
4058075609709	Shipping box 4	304 mm x 290 mm x 207 mm	1018.00 g	18.25 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.

References / Links

– Further information and frequently asked questions (FAQs) at www.ledvance.com/consumer/smart/faq

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.