

# 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



W/2400 K E27



# **TECHNICAL DATA**

# Electrical data

Nominal wattage	6 W
Construction wattage	6.00 W
Nominal voltage	220240 V
Nominal current	50 mA
Operating frequency	5060 Hz / 50
Mains frequency	5060 Hz
Power factor $\lambda$	> 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	
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	

# Capabilities

Dimmable	Yes <sup>1)</sup>
Compatible smart home technology	Google Assistant / Amazon Alexa

<sup>1) &</sup>lt;sub>Via App</sub>

# Certificates & Standards

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

<sup>1)</sup> 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)

# 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
POF	Extended installation guide	SH Insert WIFI StartUpG Lamps DIM LDV
POF	Declarations of conformity	EU Declaration of Conformity – Smart Filament WiFi CL
POF	EU Data Act	SMART WiFi Lamps and Luminaires

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 dm <sup>3</sup>
4058075609709	Shipping box 4	304 mm x 290 mm x 207 mm	1018.00 g	18.25 dm <sup>3</sup>

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.