PRODUCT DATASHEET
SMART ZB Filament Classic A 52 DIM 6W 824 230V Gold E27

SMART+ Filament Classic Dimmable | Classic bulb shape with filament-style with Zigbee 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

– Control via compatible smart home system (gateway and app)
– Control via voice control available: Google Assistant or Amazon Alexa, depending on the smart home system in use
– Network protocol: ZigBee 3.0
– Dimmable
– Lifetime: up to 20,000 h
– For full functionality connection to a compatible smart home System (gateway and app) required

TECHNICAL DATA

Electrical data

Nominal wattage	6 W
Construction wattage	6.00 W
Nominal voltage	220…240 V
Nominal current	34 mA
Mains frequency	50/60 Hz
Power factor λ	> 0.5
Claimed equiv. conventional lamp power	52 W
Operating mode	AC Mains

Photometrical data

Light color (designation)	Comfort 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
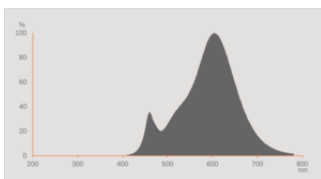
LISO spectral power distribution
2700K CRI80 v1

Light technical data

Starting time	< 0.5 s

Warm-up time (60 %)	‹ 0.50 s

Dimensions & Weight
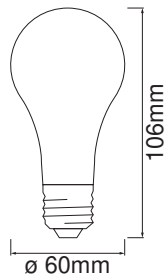
Product weight	31.00 g
Diameter	60.00 mm
Maximum diameter	60 mm
Length	105.00 mm
Width	60.00 mm
Height	60.00 mm
Outer bulb [PICOS]	A60

Lifespan

Number of switching cycles	100000
Lifespan	15000 h

Colors & materials

Product color	Gold
Housing 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 [1]
Compatible smart home technology	Amazon Alexa / Google Assistant / Philips Hue

[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	0.5 W
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	0,9
Displacement factor	0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1160678

Model number	AC41292

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	G11201959_SMART_ZB
PDF	Declarations of conformity	SMART ZB FILAMENT
PDF	Declarations of conformity	LED SMART ZB 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
4058075729209	Folding box 1	66 mm x 96 mm x 154 mm	116.00 g	0.98 dm^3
4058075729216	Shipping box 4	210 mm x 165 mm x 145 mm	578.00 g	5.02 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.