PRODUCT DATASHEET
SMART+ BT CLB 40 4 W/2700 K E14

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

Areas of application

– General illumination
– Outdoor use in suitable outdoor luminaires only

Product benefits

– Lamps with innovative LED "filament" technology
– Easy to install and use
– Contains no mercury
– Lower energy consumption than incandescent or halogen lamps

Product features

– LED lamp with wireless smart lighting function
– Available with clear bulb or amber-gold bulb finish
– Controllable via LEDVANCE SMART+ App (with minimum Android 8.0 or iOS 14.0)
– For full functionality with control via Apple Home App connection to Apple TV (with tvOS 10 or later) or iPad (with iOS 10 or later) required
– Dimmable
– Network protocol: Bluetooth

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– Lifetime up to 15,000 h
– Your Smart Home obeys your word - use Google Assistant and control your light via voice control
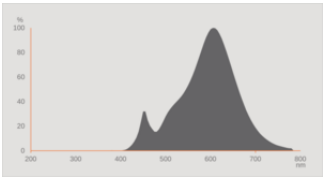
TECHNICAL DATA

Electrical data

Nominal wattage	4 W
Construction wattage	4.00 W
Nominal voltage	220…240 V
Nominal current	35 mA
Operating frequency	50…60 Hz / 50
Mains frequency	50…60 Hz
Power factor λ	> 0.45
Claimed equiv. conventional lamp power	40 W

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	470 lm
Luminous flux	470 lm
Luminous efficacy	117 lm/W
Adjustable color temperature	2700 K
Color temperature	2700 K
Color rendering index Ra	80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.9

EPREL data spectral diagram PROF
LEDr 2700K

Light technical data

Beam angle	300 °

Starting time	< 0.5 s
Warm-up time (60 %)	‹ 0.50 s

Dimensions & Weight
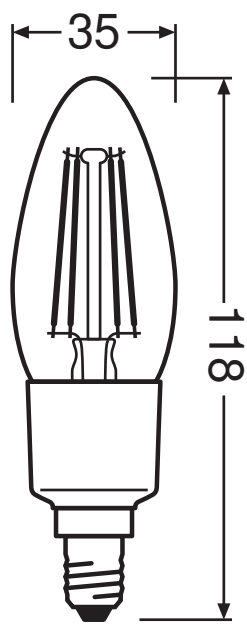
Product weight	26.00 g
Diameter	35.00 mm
Maximum diameter	35 mm
Length	115.00 mm
Width	35.00 mm
Height	35.00 mm
Outer bulb [PICOS]	B35

Lifespan

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

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)	E14

Capabilities

Dimmable	Yes
Compatible smart home technology	Apple HomeKit / Google Assistant / Amazon Alexa

Certificates & Standards

Energy efficiency class	E [1]
Energy consumption	4.00 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)	E14
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	0.463
Chromaticity coordinate y	0.420
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	1403115,644666
Model number	AC32944,AC25971

EQUIPMENT / ACCESSORIES

– For control via LEDVANCE SMART+ App, a smartphone or tablet is required (with minimum Android 8.0 or iOS 14.0)
– For control via Apple Home App iPhone (with iOS 10 or later), iPad (with iOS 10 or later) , Apple TV (with tvOS 10 or later) or Apple Watch (with watchOS 2 or later) required

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	Declarations of conformity	SMART BT FILAMENT
PDF	EU Data Act	SMART Bluetooth Mesh Lighting Products

	Photometric and lighting design files	Document name
	Spectral power distribution	EPREL data spectral diagram PROF LEDr 2700K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075486102	Folding box 1	61 mm x 96 mm x 154 mm	97.00 g	0.90 dm³
4058075486119	Shipping box 4	210 mm x 165 mm x 135 mm	510.00 g	4.68 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.