

PRODUCT DATASHEET

SMART+ WiFi Filament Edison 50 Tunable White E27

Smart+ WiFi Filament Edison Tunable White 2200K | SMART+ Classic filament lamps with WiFi technology



Areas of application

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

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
- Adjustable light color via Tunable White: Warm Comfort White to Cool White (2,200 K ... 5,000 K)
- Dimmable
- Lifetime: up to 15,000 h



TECHNICAL DATA

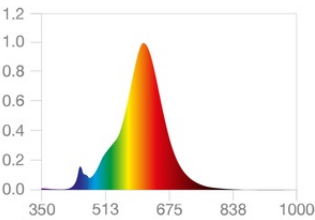
Electrical data

Nominal wattage	8 W
Construction wattage	8.00 W
Nominal voltage	220...240 V
Nominal current	55 mA
Mains frequency	50/60 Hz
Claimed equiv. conventional lamp power	50 W

Photometrical data

Light color (designation)	Tunable White
Lumen main.fact.at end of nom.life time	0.93
Standard deviation of color matching	≤6 sdcn
Nominal luminous flux	600 lm
Luminous flux	600 lm ¹⁾
Luminous efficacy	75 lm/W
Adjustable color temperature	2200...5000 K
Color temperature	2200...5000 K
Color rendering index Ra	80
Flickering metric (Pst LM)	<1.0
Stroboscope effect metric (SVM)	<0.4

1) 5000K: 650 lm, 2200K: 600 lm



Light technical data

Beam angle	320 °
Starting time	0.5 s

Dimensions & Weight



Product weight	48.00 g
Diameter	64.00 mm
Maximum diameter	64 mm
Length	140.00 mm
Width	64.00 mm
Height	64.00 mm
Outer bulb [PICOS]	ST64

Lifespan

Number of switching cycles	100000
Lifespan	15000 h

Colors & materials

Housing color	Clear
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Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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Additional product data

Base (standard designation)	E27
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Capabilities

Dimmable	Yes
Compatible smart home technology	Amazon Alexa / Google Assistant

Certificates & Standards

Energy efficiency class	G 1)
Energy consumption	8.00 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	RANGE
Standby power	≤ 0.5 W
Networked standby power for CLS	≤ 0.5 W
Claim of equivalent power	Yes
Chromaticity coordinate x	0.502
Chromaticity coordinate y	0.415
Beam angle correspondence	SPHERE_360
Survival factor	0.9
Displacement factor	0,5
LED light source replaces a fluorescent light source	No
EPREL ID	1254732
Model number	AC42297

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	
	Installation guide

Documents and certificates



Declarations Of Conformity CE

Photometric and lighting design files



Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075778016	Folding box 1	111 mm x 114 mm x 169 mm	123.00 g	2.14 dm ³
4058075778023	Shipping box 4	243 mm x 238 mm x 185 mm	653.00 g	10.70 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/consumer/smart/faq

DISCLAIMER

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