

PRODUCT DATASHEET

SMART+ WiFi Filament Edison Tunable White E27

Smart+ Wifi Filament Edison Tunable White | Classic Edison shape with filament design 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

Product features

- Controllable via LEDVANCE SMART+ WiFi App (with minimum Android™ 4.4 or iOS 9.0)
- Controllable via Google Assistant and Amazon Alexa possible
- Network protocol: WiFi
- Adjustable light color via Tunable White: Warm White to Cool White (2,700 K...6,500 K)
- Dimmable
- Lifetime: up to 15,000 h



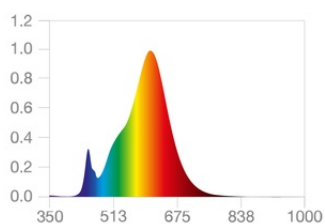
TECHNICAL DATA

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
Power factor λ	0.50
Claimed equiv. conventional lamp power	60 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 sdcm
Nominal luminous flux	806 lm
Luminous flux	806 lm
Luminous efficacy	100 lm/W
Adjustable color temperature	2700...6500 K
Color temperature	2700...6500 K
Color rendering index Ra	80
Flickering metric (Pst LM)	<1.0
Stroboscope effect metric (SVM)	<0.4



Light technical data

Beam angle	320 °
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Starting time	0.5 s
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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	F
Energy consumption	8.00 kWh/1000h
Standards	CE

Type of protection	IP20
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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	0.463
Chromaticity coordinate y	0.420
Beam angle correspondence	SPHERE_360
Survival factor	0.9
Displacement factor	0.5
LED light source replaces a fluorescent light source	No
EPREL ID	1254731
Model number	AC42296

DOWNLOAD DATA

Documents and certificates	
	Installation guide
	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
4058075777996	Folding box 1	111 mm x 114 mm x 169 mm	123.00 g	2.14 dm ³
4058075778009	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.

DISCLAIMER

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