



# PRODUCT DATASHEET

## SMART+ WiFi Classic 100 14 W/2700...6500 K E27

SMART+ WiFi Classic Tunable White | Classic bulb shape 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+ 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 White to Cool White (2,700 K...6,500 K)
- Dimmable
- Lifetime: up to 15,000 h



## TECHNICAL DATA

### Electrical data

Nominal wattage	14 W
Construction wattage	14.00 W
Nominal voltage	230 V
Nominal current	106 mA
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Power factor $\lambda$	> 0.5
Claimed equiv. conventional lamp power	100 W

### Photometrical data

Light color (designation)	Tunable White
Lumen main.fact.at end of nom.life time	0.70
Standard deviation of color matching	$\leq 6$ sdcn
Nominal luminous flux	1521 lm
Luminous flux	1521 lm
Luminous efficacy	108 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)	0.9



### Light technical data

Beam angle	215 °
Starting time	< 0.5 s

## Dimensions & Weight

Product weight	100.00 g
Diameter	75.00 mm
Length	141.50 mm
Width	75.00 mm
Height	75.00 mm
Outer bulb [PICOS]	A75

## Lifespan

Lifespan	15000 h
Lumen maintenance at end of service lifetime	0.70

## Colors & materials

Housing color	White
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## Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
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## 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
Compatible smart home technology	Google Assistant / Amazon Alexa

## Certificates & Standards

Energy efficiency class	F <sup>1)</sup>
Energy consumption	14.00 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	Yes
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	RANGE
Standby power	0.50
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	0,9
Displacement factor	0.70
LED light source replaces a fluorescent light source	No
EPREL ID	1403136,528204
Model number	AC33917,AC27511

## 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
	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
4058075485495	Folding box 1	79 mm x 96 mm x 154 mm	201.00 g	1.17 dm <sup>3</sup>
4058075485501	Shipping box 4	210 mm x 165 mm x 176 mm	986.00 g	6.10 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](http://www.ledvance.com/consumer/smart/faq)

## DISCLAIMER

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