PRODUCT DATASHEET

SMART+ ZIGBEE Tunable White Classic P40 4.9W E14

SMART+ ZIGBEE Tunable White | Classic lamps with Zigbee technology



Areas of application

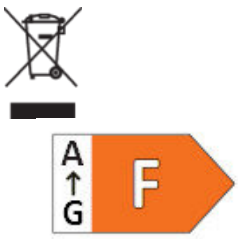
- General illumination
- Residential interiors
- Professional (hotels, bars, boutiques etc.)
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Wireless control via app
- Easy to install and use
- Lower energy consumption than incandescent or halogen lamps

Product features

- Controllable 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
- Adjustable light color via Tunable White: Warm White to Cool White (2,700 K…6,500 K)
- 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



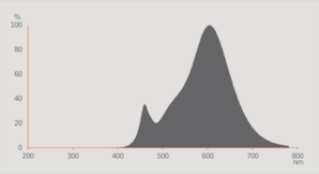
TECHNICAL DATA

Electrical data

Nominal wattage	4.9 W
Construction wattage	4.90 W
Nominal voltage	220…240 V
Nominal current	38 mA
Operating frequency	50/60 Hz
Mains frequency	50 Hz
Power factor λ	> 0.50
Claimed equiv. conventional lamp power	40 W
Operating mode	AC Mains

Photometrical data

Light color (designation)	Tunable White
Lumen main.fact.at end of nom.life time	0.95
Standard deviation of color matching	≤6 sdcm
Nominal luminous flux	470 lm
Luminous flux	470 lm
Luminous efficacy	95 lm/W
Adjustable color temperature	2700…6500 K
Color temperature	2700…6500 K
Color rendering index Ra	80
Flickering metric (Pst LM)	≤1
Stroboscope effect metric (SVM)	≤0.4



Everlight 67-23ST KKE 2700K

Light technical data

Beam angle	180 °

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

Dimensions & Weight



Product weight	30.00 g
Diameter	47.00 mm
Maximum diameter	45 mm
Length	92.00 mm
Width	47 mm
Height	47 mm
Outer bulb [PICOS]	P40

Lifespan

Number of switching cycles	100000
Lifespan	20000 h [1)]
Lumen maintenance at end of service lifetime	0.95

1) L70/B50

Colors & materials

Product color	White
Housing color	White

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

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Capabilities

Dimmable	Yes [1)]
Network protocol	ZigBee
Compatible smart home technology	Amazon Alexa / Google Home / Homey

1) Via App

Certificates & Standards

Energy efficiency class	F [1)]
Energy consumption	5.00 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	Yes
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	RANGE
Standby power	0 W
Networked standby power for CLS	0.50 W
Claim of equivalent power	Yes
Chromaticity coordinate x	0.463
Chromaticity coordinate y	0.42
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0 W
LED light source replaces a fluorescent light source	No
EPREL ID	1160674
Model number	AC41288,AC41288,AC41288

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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	User instruction / safety instructions	
PDF	Declarations of conformity	SMART ZB TW A60/B40/P40/PAR16_ RGBW PAR16
PDF	Declarations of conformity UKCA	SMART ZB TW A60/B40/P40/PAR16_RGBW PAR16
PDF	EU Data Act	SMART ZigBee Lamps and Luminaires

	Photometric and lighting design files	Document name
	Spectral power distribution	Everlight 67-23ST KKE 2700K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075729124	Folding box 1	56 mm x 78 mm x 82 mm	56.00 g	0.36 dm^3
4058075729131	Shipping box 4	162 mm x 122 mm x 96 mm	296.00 g	1.90 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.

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