

PRODUCT DATASHEET

SMART+ ZB TIBEA 22 W E27

TIBEA LAMP E27 TUNABLE WHITE | LED lamp for indirect lighting with ZigBee technology



Areas of application

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

Product benefits

- Stylish and modern design
- Indirect lighting for a relaxing atmosphere
- Easy to install and use
- Contains no mercury

Product features

- Adjustable light color via Tunable White: Warm White to Cool White (2,700 K...6,500 K)
- Dimmable
- Network protocol: ZigBee
- Lifetime: up to 20,000 h
- Controllable via compatible smart home system (gateway and app) or SMART+ Switch
- For full functionality connection to a compatible smart home System (gateway and app) required



TECHNICAL DATA

Electrical data

Nominal wattage	22 W
Nominal voltage	220...240 V
Nominal current	105 mA
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Power factor λ	> 0,90
Claimed equiv. conventional lamp power	125 W

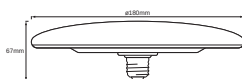
Photometrical data

Light color (designation)	Tunable White
Lumen main.fact.at end of nom.li	0.70
Standard deviation of color matching	≤ 6 sdcm
Nominal luminous flux	2000 lm
Luminous flux	2000 lm
Luminous efficacy	90 lm/W
Adjustable color temperature	2700...6500 K
Color temperature	2700...6500 K
Color rendering index Ra	> 80

Light technical data

Starting time	< 0.5 s
Light control	Adjustable color temperature
Warm-up time (60 %)	< 1.00 s

Dimensions & weight



Product weight	360.000 g
Diameter	180.00 mm
Maximum diameter	180 mm

Length	67.00 mm
Outer bulb [PICOS]	-

Lifespan

Number of switching cycles	100000
Nominal lamp life time	20000 h
Lumen maintenance at end of serv	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 / Reset settings to default by switching the product on for five seconds and off for five seconds and repeating this five times.
Base (standard designation)	E27

Capabilities

Dimmable	Yes
Compatible smart home technology	Philips Hue / Google Assistant / Amazon Alexa

Certificates & standards

Energy efficiency class	A+ ¹⁾
Energy consumption	22.00 kWh/1000h
Standards	CE
Type of protection	IP20

¹⁾ Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

EQUIPMENT / ACCESSORIES

- Control via app or voice control requires compatible Smart home system
- TIBEA style luminaires from LEDVANCE can be combined with these lamps

DOWNLOAD DATA

DOWNLOAD DATA



Declarations of conformity
EC Declaration of conformity - Tibeal Lamp

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075168572	Folding box 1	212 mm x 209 mm x 86 mm	505.00 g	3.81 dm ³
4058075168589	Shipping box 4	230 mm x 216 mm x 347 mm	2589.00 g	17.24 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.