

PRODUCT DATASHEET

LED VALUE STICK 12 W/4000 K B22d GEN4

LED VALUE STICK TruWave | LED lamps, classic stick shape with TruWave Technology™



Areas of application

- All domestic rooms, especially where the lamps are visible
- Wherever compact and efficient lamps are needed
- Where the lamps need to last a long time or have to withstand frequent on/off switching

Product benefits

- LED lamps with innovative TruWave Technology™
- Support sleep/wake cycle thanks mimic of the natural light spectrum
- The balanced blue light spectrum can support attention, reaction time and mood
- Low energy consumption
- Attractive lamp appearance

Product features

- LED alternative to conventional lamps
- Input voltage: 220...240 V_{AC}
- Color rendering index $R_a \geq 80$
- Lifetime up to 15,000 h
- Mercury-free lamps



TECHNICAL DATA

Electrical data

Nominal wattage	12 W
Construction wattage	12.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	24 W
Nominal current	93 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor λ	> 0.50

Photometrical data

Luminous flux	1350 lm
Nominal useful luminous flux 90°	1350 lm
Luminous efficacy	112 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
Standard deviation of color matching	≤6 sdcn

Light technical data

Beam angle	200 °
Starting time	< 0.5 s

Dimensions & Weight

Overall length	120.00 mm
Diameter	46.00 mm
Maximum diameter	46 mm
Product weight	36.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+30 °C
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Lifespan

Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70

Additional product data

Base (standard designation)	B22d
Mercury content	0.0 mg
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

Capabilities

Dimmable	No
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Certificates & Standards

Type of protection	IP20
Photobiological safety group acc. to EN62778	RG0

Country-specific categorizations

Order reference	LVSTICK 12W/840
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LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	B22d
Length	120.00 mm
Height	46.00 mm
Width	46.00 mm

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075128903	Folding box 1	47 mm x 47 mm x 121 mm	49.00 g	0.27 dm ³
4058075128910	Shipping box 10	246 mm x 103 mm x 138 mm	589.00 g	3.50 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854100246	Shipping box 10	246 mm x 103 mm x 138 mm	607.00 g	3.50 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.