

PRODUCT DATASHEET

LED Eco Stick HE | LED lamps with classic bulbs



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

- Low energy consumption
- Attractive lamp appearance

Product features

- LED alternative to conventional lamps
- Mercury-free lamps
- Lifetime up to 15,000 h
- Luminous efficacy: up to 105 lm/W
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity



TECHNICAL DATA

Electrical data

| | |
|----------------------|----------|
| Nominal wattage | 13 W |
| Construction wattage | 13.00 W |
| Nominal voltage | 230 V |
| Nominal current | 87 mA |
| Type of current | AC |
| Operating frequency | 50/60 Hz |
| Mains frequency | 50/60 Hz |

Photometrical data

| | |
|--------------------------------------|---------------------|
| Luminous flux | 1365 lm |
| Luminous efficacy | 105 lm/W |
| Light color (designation) | Cool White |
| Color temperature | 4000 K |
| Color rendering index Ra | 80 |
| Light color | 840 |
| Standard deviation of color matching | ≤5 sdc _m |

Light technical data

| | |
|---------------|---------|
| Beam angle | 180 ° |
| Starting time | < 0.5 s |

Dimensions & Weight

| | |
|----------------|-----------|
| Overall length | 133.00 mm |
| Diameter | 45.00 mm |
| Product weight | 50.00 g |

Temperatures & operating conditions

| | |
|---------------------------|-------------|
| Ambient temperature range | -20...45 °C |
|---------------------------|-------------|

Lifespan

| | |
|----------------------------|---------|
| Lifespan L70/B50 at 25 °C | 15000 h |
| Number of switching cycles | ≥7500 |

Additional product data

| | |
|-----------------------------|------|
| Base (standard designation) | B22d |
|-----------------------------|------|

| | |
|------------------|---------|
| Mercury content | 0.0 mg |
| Mercury-free | Yes |
| Design / version | Frosted |

Capabilities

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Certificates & Standards

| | |
|--|----------|
| Type of protection | IP20 |
| Standards | CB / EMC |
| Photobiological safety group acc. to EN62778 | RG0 |

Country-specific categorizations

| | |
|-----------------|--------------------|
| Order reference | LECO STICK 13W/840 |
|-----------------|--------------------|

Energy labelling regulation data acc EU 2019/2015

| | |
|---|-----------|
| Lighting technology used | LED |
| Light source cap-type (or other electric interface) | B22d |
| Length | 133.00 mm |
| Height | 45.00 mm |
| Width | 45.00 mm |
| Displacement factor | >0.9 |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854415005 | Folding box 1 | 47 mm x 47 mm x 142 mm | 64.00 g | 0.31 dm ³ |
| 4099854415012 | Bundle 10 | 470 mm x 47 mm x 142 mm | 641.00 g | 3.14 dm ³ |
| 4099854415029 | Shipping box 100 | 490 mm x 250 mm x 312 mm | 6985.00 g | 38.22 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.