

## PRODUCT DATASHEET

### LED VALUE STICK 12 W/4000 K E27 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 to 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<sub>AC</sub>
- 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 $\lambda$                 | > 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   | 121.00 mm |
| Diameter         | 46.00 mm  |
| Maximum diameter | 46 mm     |
| Product weight   | 36.00 g   |

### Temperatures & operating conditions

|                           |              |
|---------------------------|--------------|
| Ambient temperature range | -20...+40 °C |
|---------------------------|--------------|

### Lifespan

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

#### Additional product data

|                             |                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Base (standard designation) | E27                                                                                                                                                                                                                                                                                                                                          |
| 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 |
|----------|----|

#### Certificates & Standards

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

#### Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | LVSTICK 12W/840 |
|-----------------|-----------------|

#### LOGISTICAL DATA

|                              |              |
|------------------------------|--------------|
| Temperature range at storage | -20...+80 °C |
|------------------------------|--------------|

#### Energy labelling regulation data acc EU 2019/2015

|                                                     |           |
|-----------------------------------------------------|-----------|
| Light source cap-type (or other electric interface) | E27       |
| Length                                              | 121.00 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               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075128842 | Folding box<br>1             | 47 mm x 47 mm x 121 mm               | 49.00 g      | 0.27 dm <sup>3</sup> |
| 4099854108914 | Shipping box<br>10           | 246 mm x 103 mm x 138 mm             | 587.00 g     | 3.50 dm <sup>3</sup> |

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075128859 | Shipping box<br>10           | 246 mm x 103 mm x 138 mm             | 589.00 g     | 3.50 dm <sup>3</sup> |
| 4058075181861 | Shipping box<br>10           | 246 mm x 103 mm x 138 mm             | 629.00 g     | 3.50 dm <sup>3</sup> |
| 4099854100147 | Shipping box<br>10           | 246 mm x 103 mm x 138 mm             | 607.00 g     | 3.50 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.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.