# PRODUCT DATASHEET
# LED VALUE CLAS A 12 W/3000 K E27 GEN2

LED VALUE CLASSIC A | LED lamps, classic bulb shape

## Areas of application

– Domestic applications
– General illumination
– Outdoor applications only in suitable luminaires

## Product benefits

– No "Blue Light" Hazard (according to IEC62778)
– Photobiological safety according to IEC 62778, risk group RG0
– Energy savings of up to 85 % (compared to traditional incandescent lamps)
– Instant 100 % light, no warm-up time
– No UV and near-IR radiation in the light beam
– Reliable operation thanks to brand quality

## Product features

– Color rendering index $R_a$: ≥ 80
– Not dimmable
– Mercury-free lamps

## TECHNICAL DATA

### Electrical data

| | |
|---|---|
| Nominal wattage | 12 W |
| Construction wattage | 12.00 W |
| Nominal voltage | 100…240 V |
| Claimed equiv. conventional lamp power | 100 W |
| Nominal current | 99 mA |
| Type of current | AC |
| Operating frequency | 50/60 Hz |
| Mains frequency | 50/60 Hz |
| Power factor λ | > 0.70 |

### Photometrical data

| | |
|---|---|
| Luminous flux | 1521 lm |
| Nominal useful luminous flux 90° | 1521 lm |
| Luminous efficacy | 126 lm/W |
| Lumen main.fact.at end of nom.life time | 0.70 |
| Light color (designation) | Warm White |
| Color temperature | 3000 K |
| Color rendering index Ra | ≥80 |
| Light color | 830 |
| Standard deviation of color matching | ≤6 sdcm |

### Light technical data

| | |
|---|---|
| Beam angle | 200 ° |
| Starting time | < 0.5 s |

### Dimensions & Weight

| | |
|---|---|
| Overall length | 120.00 mm |
| Diameter | 60.00 mm |
| Maximum diameter | 60 mm |
| Product weight | 34.00 g |

### Temperatures & operating conditions

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

### Lifespan

| | |
|---|---|
| Number of switching cycles | 100000 |

## Additional product data

| | |
|---|---|
| Base (standard designation) | E27 |
| Mercury content | 0.0 mg |
| Mercury-free | Yes |

## Capabilities

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

## Certificates & Standards

| | |
|---|---|
| Type of protection | IP20 |

## Country-specific categorizations

| | |
|---|---|
| Order reference | LVCLAH 12W/8301 |

## 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 | 120.00 mm |
| Height | 60.00 mm |
| Width | 60.00 mm |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075656154 | Folding box 1 | 61 mm x 61 mm x 125 mm | 58.00 g | 0.47 dm$^3$ |
| 4058075656161 | Shipping box 10 | 315 mm x 132 mm x 139 mm | 708.00 g | 5.78 dm$^3$ |
| 4099854021152 | Shipping box 10 | 315 mm x 132 mm x 136 mm | 600.00 g | 5.65 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.