

## PRODUCT DATASHEET

### LED VALUE CLASS A 12 W/3000 K E27 GEN4

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  $R_a \geq 80$
- 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                        | 120 mA      |
| Type of current                        | AC          |
| Operating frequency                    | 50...60 Hz  |
| Mains frequency                        | 50...60 Hz  |
| Power factor $\lambda$                 | > 0.70      |

### Photometrical data

|   |            |
|---|------------|
| Luminous flux                           | 1420 lm    |
| Nominal useful luminous flux 90°        | 1420 lm    |
| Luminous efficacy                       | 118 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 sdcn    |

### Light technical data

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

### Dimensions & Weight

|                  |           |
|------------------|-----------|
| Overall length   | 118.00 mm |
| Diameter         | 60.00 mm  |
| Maximum diameter | 60 mm     |
| Product weight   | 50.00 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

|  |                   |
|--|-------------------|
| Energy efficiency class                      | A++ <sup>1)</sup> |
| Photobiological safety group acc. to EN62778 | RG1               |

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

Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | LVCLA10012W/830 |
|-----------------|-----------------|

Energy labelling regulation data acc EU 2019/2015

|   |           |
|---|-----------|
| Light source cap-type (or other electric interface) | E27       |
| Length  | 118.00 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               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075282308 | Folding box<br>1             | 61 mm x 61 mm x 122 mm               | 67.00 g      | 0.45 dm <sup>3</sup> |
| 4058075282315 | Shipping box<br>10           | 322 mm x 136 mm x 142 mm             | 798.00 g     | 6.22 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.

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