

## PRODUCT DATASHEET

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

LED VALUE CLASSIC A SURGE PROTECTION | LED lamps, classic bulb shape with surge protection



#### Areas of application

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

#### Product benefits

- Low energy consumption
- Energy savings of up to 85 % (compared to traditional incandescent lamps)
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs

#### Product features

- Surge protection: up to 2,000 V
- Lifetime: up to 10,000 h
- Mercury-free lamps



TECHNICAL DATA

Electrical data

|  |            |
|--|------------|
| Nominal wattage                        | 12 W       |
| Construction wattage                   | 12.00 W    |
| Nominal voltage                        | 85...250 V |
| Claimed equiv. conventional lamp power | 80 W       |
| Nominal current                        | 94 mA      |
| Type of current                        | AC         |
| Operating frequency                    | 50/60 Hz   |
| Mains frequency                        | 50/60 Hz   |
| Power factor $\lambda$                 | 0.50       |

Photometrical data

|                                  |            |
|----------------------------------|------------|
| Luminous flux                    | 1200 lm    |
| Nominal useful luminous flux 90° | 1200 lm    |
| Luminous efficacy                | 100 lm/W   |
| Light color (designation)        | Warm White |
| Color temperature                | 3000 K     |
| Color rendering index Ra         | 80         |
| Light color                      | 830        |

Light technical data

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

Dimensions & Weight

|                  |           |
|------------------|-----------|
| Overall length   | 123.00 mm |
| Diameter         | 60.00 mm  |
| Maximum diameter | 60 mm     |
| Product weight   | 36.00 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 |

Capabilities

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

Certificates & Standards

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

Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | LVCLA 12W/830 8 |
|-----------------|-----------------|



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  | 123.00 mm |
| Height  | 60.00 mm  |
| Width   | 60.00 mm  |

DOWNLOAD DATA

| Photometric and lighting design files   |                                     | Document name                      |
|---|-------------------------------------|------------------------------------|
|  | IES file (IES)                      | LVCLA 12W 830 85-250V FR E27 OSRAM |
|  | Light distribution curve type polar | LVCLA 12W 830 85-250V FR E27 OSRAM |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075749078 | Folding box<br>1             | 60 mm x 60 mm x 123 mm               | 60.00 g      | 0.44 dm <sup>3</sup> |
| 4058075749085 | Shipping box<br>10           | 314 mm x 134 mm x 151 mm             | 783.00 g     | 6.35 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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