

PRODUCT DATASHEET

LED VALUE CLAS A 100 13 W/6500 K E27

LED VALUE CLASSIC A | LED lamps, classic bulb shape



Areas of application

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

Product benefits

- Very low energy consumption
- Can be easily fitted instead of ordinary light bulbs

Product features

- LED alternative to conventional lamps
- Not dimmable
- Good color rendering ($R_a \geq 80$) and color stability throughout the life of the lamp



TECHNICAL DATA

Electrical data

| | |
|--|-------------|
| Nominal wattage | 13 W |
| Construction wattage | 13.00 W |
| Nominal voltage | 220...240 V |
| Claimed equiv. conventional lamp power | 100 W |
| Nominal current | 100 mA |
| Type of current | AC |
| Operating frequency | 50...60 Hz |
| Mains frequency | 50...60 Hz |
| Power factor λ | > 0.50 |

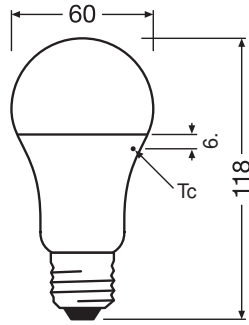
Photometrical data

| | |
|---|---------------|
| Luminous flux | 1521 lm |
| Nominal useful luminous flux 90° | 1521 lm |
| Luminous efficacy | 117 lm/W |
| Lumen main.fact.at end of nom.life time | 0.70 |
| Light color (designation) | Cool Daylight |
| Color temperature | 6500 K |
| Color rendering index Ra | ≥80 |
| Light color | 865 |
| Standard deviation of color matching | ≤6 sdcn |
| Rated LLMF at 6,000 h | 0.80 |

Light technical data

| | |
|------------------------------------|----------|
| Beam angle | 200 ° |
| Warm-up time (60 %) | 0.50 s |
| Starting time | < 0.5 s |
| Rated beam angle (half peak value) | 200.00 ° |

Dimensions & Weight



| | |
|------------------|-----------|
| Overall length | 118.00 mm |
| Diameter | 60.00 mm |
| Maximum diameter | 60 mm |
| Product weight | 43.00 g |

Temperatures & operating conditions

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

Lifespan

| | |
|-------------------------------------|---------|
| Lifespan | 15000 h |
| Number of switching cycles | 100000 |
| Lumen maintenance at end of serv | 0.70 |
| Rated lamp survival factor at 6,000 | ≥ 0.90 |

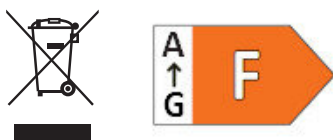
Additional product data

| | |
|-----------------------------|--|
| Base (standard designation) | E27 |
| Mercury content | 0.0 mg |
| Mercury-free | Yes |
| Design / version | Frosted |
| 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 | F 1) |
| Energy consumption | 13.00 kWh/1000h |
| Type of protection | IP20 |
| Standards | REACH / CE / CB |
| Photobiological safety group acc. to EN62778 | RG0 |

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

Country-specific categorizations

| | |
|-----------------|-----------------|
| Order reference | VALUECLA100 13W |
|-----------------|-----------------|

Energy labelling regulation data acc EU 2019/2015

| | |
|---|-----------------|
| Light source cap-type (or other electric interface) | E27 |
| Correlated colour temperature type | SINGLE_VALUE |
| Length | 118.00 mm |
| Height | 60.00 mm |
| Width | 60.00 mm |
| R9 Colour rendering index | 0.00 |
| EPREL ID | 1403222,523301 |
| Model number | AC31143,AC24706 |

DOWNLOAD DATA

DOWNLOAD DATA



Declarations Of Conformity CE

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075385764 | Folding box 3 | 182 mm x 62 mm x 122 mm | 167.00 g | 1.38 dm ³ |
| 4058075385771 | Shipping box 30 | 379 mm x 325 mm x 148 mm | 2208.00 g | 18.23 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.

