

PRODUCT DATASHEET

LED VALUE CLAS A FIL 6.5 W/4000 K E27 CL

LED VALUE CLASSIC A FILAMENT | LED lamps, classic bulb shape



Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product benefits

- Lamps with innovative LED "filament" technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Very low energy consumption
- 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
- Lower thermal output (compared with the standard reference product)
- Correct operation even at low temperatures

Product features

- Professional LED lamps for line voltage
- Not dimmable



- Lifetime up to 15,000 h
- Beam angle: up to 300°
- Lamp made of glass
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity

TECHNICAL DATA

Electrical data

| | |
|--|-------------|
| Nominal wattage | 6.5 W |
| Construction wattage | 6.50 W |
| Nominal voltage | 220...240 V |
| Claimed equiv. conventional lamp power | 60 W |
| Nominal current | 52 mA |
| Type of current | AC |
| Operating frequency | 50...60 Hz |
| Mains frequency | 50...60 Hz |
| Power factor λ | > 0.50 |

Photometrical data

| | |
|---|------------|
| Luminous flux | 806 lm |
| Nominal useful luminous flux 90° | 806 lm |
| Luminous efficacy | 124 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 | 300 ° |
| Warm-up time (60 %) | < 0.50 s |
| Starting time | < 0.5 s |

Dimensions & Weight

| | |
|------------------|-----------|
| Overall length | 105.00 mm |
| Diameter | 60.00 mm |
| Maximum diameter | 60 mm |
| Product weight | 29.00 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 |
| Rated lamp survival factor at 6,000 h | ≥ 0.90 |

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 | E 1) |
| Energy consumption | 6.50 kWh/1000h |
| 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 | LV CLA 6,5W/840 |
|-----------------|-----------------|

Energy labelling regulation data acc EU 2019/2015

| | |
|---|--------------|
| Light source cap-type (or other electric interface) | E27 |
| Correlated colour temperature type | SINGLE_VALUE |
| Length | 105.00 mm |
| Height | 60.00 mm |
| Width | 60.00 mm |
| EPREL ID | 1402910 |
| Model number | AC03077 |

DOWNLOAD DATA

| Photometric and lighting design files | | Document name |
|--|-------------------------------------|--|
|  | IES file (IES) | LED CLASSIC A 60 E27 FIL non-dim 4000K |
|  | LDT file (Eulumdat) | LV CLA 6.5W 840 230V FILE27 |
|  | Light distribution curve type polar | LV CLA 6.5W 840 230V FILE27 |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075578401 | Folding box 1 | 60 mm x 60 mm x 111 mm | 43.00 g | 0.40 dm ³ |
| 4058075578418 | Shipping box 10 | 315 mm x 131 mm x 126 mm | 524.00 g | 5.20 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.