

## PRODUCT DATASHEET

### LED VALUE CLAS B FIL 4 W/2700 K B22d GEN2

LED VALUE CLASSIC B FILAMENT | LED lamps, classic mini-candle shape



#### Areas of application

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

#### Product benefits

- Lamps with innovative LED "filament" technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Lower thermal output (compared with the standard reference product)
- Can be easily fitted instead of ordinary light bulbs

#### Product features

- Professional LED lamps for line voltage



- Not dimmable
- Mercury-free lamps
- Good quality of light; color rendering index  $R_a \geq 80$ ; constant chromaticity
- Lifetime up to 15,000 h

## TECHNICAL DATA

### Electrical data

|                                        |             |
|----------------------------------------|-------------|
| Nominal wattage                        | 4 W         |
| Construction wattage                   | 4.00 W      |
| Nominal voltage                        | 220...240 V |
| Claimed equiv. conventional lamp power | 40 W        |
| Nominal current                        | 35 mA       |
| Type of current                        | AC          |
| Operating frequency                    | 50...60 Hz  |
| Mains frequency                        | 50...60 Hz  |
| Power factor $\lambda$                 | > 0.40      |

### Photometrical data

|                                         |            |
|-----------------------------------------|------------|
| Luminous flux                           | 470 lm     |
| Nominal useful luminous flux 90°        | 470 lm     |
| Luminous efficacy                       | 117 lm/W   |
| Lumen main.fact.at end of nom.life time | 0.70       |
| Light color (designation)               | Warm White |
| Color temperature                       | 2700 K     |
| Color rendering index Ra                | ≥80        |
| Light color                             | 827        |
| Standard deviation of color matching    | ≤6 sdcn    |

### Light technical data

|               |         |
|---------------|---------|
| Beam angle    | 300 °   |
| Starting time | < 0.5 s |

### Dimensions & Weight

|                  |          |
|------------------|----------|
| Overall length   | 91.00 mm |
| Diameter         | 35.00 mm |
| Maximum diameter | 35 mm    |
| Product weight   | 16.00 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) | B22d                                                                                                                                                                                                                                                                                                                                         |
| Mercury content             | 0.0 mg                                                                                                                                                                                                                                                                                                                                       |
| Mercury-free                | Yes                                                                                                                                                                                                                                                                                                                                          |
| Design / version            | Clear                                                                                                                                                                                                                                                                                                                                        |
| 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

|                                              |      |
|----------------------------------------------|------|
| Type of protection                           | IP20 |
| Photobiological safety group acc. to EN62778 | RG0  |

#### Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | LV CLB 4W/827 2 |
|-----------------|-----------------|

#### Energy labelling regulation data acc EU 2019/2015

|                                                     |                 |
|-----------------------------------------------------|-----------------|
| Light source cap-type (or other electric interface) | B22d            |
| Length                                              | 91.00 mm        |
| Height                                              | 35.00 mm        |
| Width                                               | 35.00 mm        |
| EPREL ID                                            | 1403414,523194  |
| Model number                                        | AC24340,AC32383 |

#### DOWNLOAD DATA

| Photometric and lighting design files                                              |                     | Document name                            |
|------------------------------------------------------------------------------------|---------------------|------------------------------------------|
|  | IES file (IES)      | LED VALUE CLB40 4W CL B22D 2700K         |
|  | LDT file (Eulumdat) | LED VALUE CLAS B FIL 4 W 2700K B22d GEN2 |

| Photometric and lighting design files                                                                                | Document name                            |
|----------------------------------------------------------------------------------------------------------------------|------------------------------------------|
|  Light distribution curve type polar | LED VALUE CLAS B FIL 4 W 2700K B22d GEN2 |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075267565 | Folding box<br>1             | 51 mm x 51 mm x 123 mm               | 33.00 g      | 0.32 dm <sup>3</sup> |
| 4058075751071 | Shipping box<br>10           | 266 mm x 109 mm x 137 mm             | 413.00 g     | 3.97 dm <sup>3</sup> |
| 4099854259982 | Shipping box<br>10           | 266 mm x 109 mm x 137 mm             | 453.00 g     | 3.97 dm <sup>3</sup> |
| 4058075506244 | Shipping box<br>10           | 266 mm x 109 mm x 137 mm             | 453.00 g     | 3.97 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.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.