

PRODUCT DATASHEET

LED VALUE CLASS A 18 W/4000 K B22d

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 | 18 W |
| Construction wattage | 18.00 W |
| Nominal voltage | 85...250 V |
| Claimed equiv. conventional lamp power | 125 W |
| Nominal current | 148 mA |
| Type of current | AC |
| Operating frequency | 50/60 Hz |
| Mains frequency | 50/60 Hz |
| Power factor λ | 0.50 |

Photometrical data

| | |
|----------------------------------|------------|
| Luminous flux | 1800 lm |
| Nominal useful luminous flux 90° | 1800 lm |
| Luminous efficacy | 100 lm/W |
| Light color (designation) | Cool White |
| Color temperature | 4000 K |
| Color rendering index Ra | 80 |
| Light color | 840 |

Light technical data

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

Dimensions & Weight

| | |
|----------------|-----------|
| Overall length | 150.00 mm |
| Diameter | 80.00 mm |
| Product weight | 61.00 g |

Temperatures & operating conditions

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

Lifespan

| | |
|----------------------------|--------|
| Number of switching cycles | 100000 |
|----------------------------|--------|

Additional product data

| | |
|-----------------------------|--------|
| Base (standard designation) | B22d |
| 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 18W/840 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) | B22d |
| Length | 150.00 mm |
| Height | 80.00 mm |
| Width | 80.00 mm |

DOWNLOAD DATA

| Photometric and lighting design files | | Document name |
|--|-------------------------------------|-------------------------------------|
|  | IES file (IES) | LVCLA 18W 840 85-250V FR B22D OSRAM |
|  | Light distribution curve type polar | LVCLA 18W 840 85-250V FR B22D OSRAM |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075749092 | Folding box 1 | 80 mm x 80 mm x 150 mm | 100.00 g | 0.96 dm ³ |
| 4058075749108 | Shipping box 10 | 414 mm x 174 mm x 178 mm | 1314.00 g | 12.82 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.