

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.