

PRODUCT DATASHEET

LED VALUE CLASS A 12 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	12 W
Construction wattage	12.00 W
Nominal voltage	85...250 V
Claimed equiv. conventional lamp power	80 W
Nominal current	94 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor λ	0.50

Photometrical data

Luminous flux	1200 lm
Nominal useful luminous flux 90°	1200 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	123.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	36.00 g

Temperatures & operating conditions

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

Number of switching cycles	100000
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Additional product data

Base (standard designation)	B22d
Mercury content	0.0 mg

Capabilities

Dimmable	No
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Certificates & Standards

Type of protection	IP20
Standards	CB / ROHS
Photobiological safety group acc. to EN62778	RG0

Country-specific categorizations

Order reference	LVCLA 12W/840 8
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LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	B22d
Length	123.00 mm
Height	60.00 mm
Width	60.00 mm

DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	LVCLA 12W 840 85-250V FR B22D OSRAM
	Light distribution curve type polar	LVCLA 12W 840 85-250V FR B22D OSRAM

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075749214	Folding box 1	60 mm x 60 mm x 123 mm	60.00 g	0.44 dm ³
4058075749221	Shipping box 10	314 mm x 134 mm x 151 mm	783.00 g	6.35 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.