PRODUCT DATASHEET
LED ECO CLAS A 12 W/6500 K B22d GEN5

LED ECO CLASSIC A | LED lamps, classic bulb shape

Areas of application

– Suitable for indoor applications.

Product benefits

– Energy savings of up to 88 % (compared to traditional incandescent lamps)
– Excellent price/performance ratio
– No UV and near-IR radiation in the light beam
– Reliable operation thanks to brand quality

Product features

– Base: E27, B22d
– Luminous efficacy: up to 100 lm/W
– Mercury-free lamps
– Lifetime: up to 12,000 h
– Overtemperature protection

TECHNICAL DATA

Electrical data

Nominal wattage	12 W
Construction wattage	12.00 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	90 W
Nominal current	91 mA
Type of current	AC
Operating frequency	50…60 Hz
Mains frequency	50…60 Hz
Power factor λ	0.50

Photometrical data

Luminous flux	960 lm
Nominal useful luminous flux 90°	960 lm
Luminous efficacy	80 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Daylight
Color temperature	6500 K
Color rendering index Ra	80
Light color	865
Standard deviation of color matching	≤6 sdcm

Light technical data

Beam angle	200 °
Starting time	0.5 s

Dimensions & Weight

Overall length	118.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	33.00 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
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

Country-specific categorizations

Order reference	LECOCLA12W/8652

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	B22d
Length	118.00 mm
Height	60.00 mm
Width	60.00 mm

DOWNLOAD DATA

	Photometric and lighting design files	Document name
	IES file (IES)	LED ECO CLA90 12W

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075246515	Folding box 1	62 mm x 62 mm x 122 mm	56.00 g	0.47 dm^3
4058075246522	Bundle 10	620 mm x 62 mm x 122 mm	564.00 g	4.69 dm^3
4099854078910	Bundle 10	305 mm x 122 mm x 124 mm	476.00 g	4.61 dm^3
4058075246539	Shipping box 100	637 mm x 332 mm x 273 mm	6486.00 g	57.74 dm^3

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854078927	Shipping box 100	624 mm x 319 mm x 273 mm	5550.00 g	54.34 dm³

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.