PRODUCT DATASHEET
LED CLAS A 100 13 W/2700 K E27

BELLALUX® CLA | LED lamps, classic bulb shape

Areas of application

– Domestic applications
– General illumination
– Outdoor use in outdoor luminaires only (minimum IP65)

Product benefits

– Lower energy consumption than incandescent or halogen lamps
– Shockproof and vibration-proof thanks to LED technology
– No UV radiation in the light beam
– Instant 100 % light, no warm-up time
– Can be easily fitted instead of ordinary light bulbs
– Lower thermal output (compared with the standard reference product)

Product features

– LED lamps for line voltage
– Not dimmable
– Mercury-free lamps

TECHNICAL DATA

Electrical data

Nominal wattage	13 W
Construction wattage	13.00 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	100 W
Nominal current	100 mA
Type of current	AC
Operating frequency	50…60 Hz
Mains frequency	50…60 Hz
Power factor λ	> 0.50

Photometrical data

Luminous flux	1521 lm
Nominal useful luminous flux 90°	1521 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 sdcm
Rated LLMF at 6,000 h	0.80

Light technical data

Beam angle	200 °
Warm-up time (60 %)	0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	118.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	43.00 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
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted

Capabilities

Dimmable	No

Certificates & Standards

Energy efficiency class	F
Energy consumption	13.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG0

Country-specific categorizations

Order reference	LED CLA100 13W/

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Correlated colour temperature type	SINGLE_VALUE
Length	118.00 mm
Height	60.00 mm
Width	60.00 mm
R9 Colour rendering index	0.00
EPREL ID	523299,1381372,1857033,2187365
Model number	AC44921,AC55989,AC70645

Safety advice

– Do not touch the lamp if broken.
– Must not be used if outer bulb is defective.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Declarations of conformity	EC Declaration of Conformity CLA Non Dim AC31141-56 AC31177-9 AC34531-3

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075636026	Folding box 3	182 mm x 62 mm x 122 mm	173.00 g	1.38 dm^3
4058075636033	Shipping box 30	379 mm x 325 mm x 148 mm	2269.00 g	18.23 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.