

## PRODUCT DATASHEET

### LED Classic A 75 7.5W 827 Frosted 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

- Very low energy consumption
- 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	7.5 W
Construction wattage	7.50 W
Nominal voltage	220...240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	75 W
Nominal current	43 mA
Type of current	AC
Inrush current	0.1 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	360
Max. lamp no. on circuit break. 16 A (B)	576
Power factor $\lambda$	> 0.50

### Photometrical data

Luminous flux	1055 lm
Luminous efficacy	140 lm/W
Lumen main.fact.at end of nom.life time	0.95
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	$\leq 6$ sdcM
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	$\leq 1.0$
Stroboscope effect metric (SVM)	$\leq 0.4$



**Light technical data**

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

**Dimensions & Weight**

Overall length	105.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	31.00 g

**Temperatures & operating conditions**

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	75 °C

**Lifespan**

Lifespan L70/B50 at 25 °C	20000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.95
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
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
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**Certificates & Standards**

Energy efficiency class	D 1)
Energy consumption	8.00 kWh/1000h
Type of protection	IP20

Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG0

<sup>1)</sup> Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

### Country-specific categorizations

Order reference	LED CLA75 7,5W/
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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

Lighting technology used	LED
Non-directional or directional	NDLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	E27
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	not applicable
Networked standby power for CLS	not applicable
Claim of equivalent power	Yes
Length	105.00 mm
Height	60.00 mm
Width	60.00 mm
Chromaticity coordinate x	0.463
Chromaticity coordinate y	0.420
R9 Colour rendering index	>0
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	≥0.5
EPREL ID	523072,1361321
Model number	AC32349,AC45195

## DOWNLOAD DATA

## Documents and certificates



Declarations Of Conformity CE

## Photometric and lighting design files



Spectral power distribution

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075606333	Folding box 3	61 mm x 184 mm x 145 mm	117.00 g	1.63 dm <sup>3</sup>
4058075606340	Shipping box 9	202 mm x 196 mm x 120 mm	528.00 g	4.75 dm <sup>3</sup>

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

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