

## PRODUCT DATASHEET

### LED Classic P 25 3.3W 827 Frosted E14

BELLALUX® CLP | LED lamps, classic mini-ball shape



#### Areas of application

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

#### Product benefits

- Lower thermal output (compared with the standard reference product)
- Very low energy consumption
- Shockproof and vibration-proof thanks to LED technology
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Simple direct replacement for conventional incandescent lamps

#### Product features

- LED lamps for line voltage
- Not suitable for use with dimmers
- Mercury-free lamps



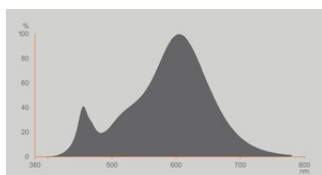
## TECHNICAL DATA

### Electrical data

Nominal wattage	3.3 W
Construction wattage	3.30 W
Nominal voltage	220...240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	25 W
Nominal current	32 mA
Type of current	AC
Inrush current	2.48 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	60
Max. lamp no. on circuit break. 16 A (B)	80

### Photometrical data

Luminous flux	250 lm
Nominal useful luminous flux 90°	250 lm
Luminous efficacy	75 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdc <sub>m</sub>
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



**Light technical data**

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

**Dimensions & Weight**

Overall length	79.00 mm
Diameter	45,0 mm
Maximum diameter	45 mm
Product weight	15.00 g

**Temperatures & operating conditions**

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	70 °C

**Lifespan**

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93
Rated lamp survival factor at 6,000 h	≥ 0.90

**Additional product data**

Base (standard designation)	E14
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	G 1)
Energy consumption	4.00 kWh/1000h
Type of protection	IP20

Standards	CE / LVD / EMC / SLR / ROHS / REACH
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	LEDCLP25 3,3W/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

Lighting technology used	LED
Non-directional or directional	NDLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	E14
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	0.00 W
Networked standby power for CLS	0.00 W
Claim of equivalent power	Yes
Length	79.00 mm
Height	45,0 mm
Width	45,0 mm
Chromaticity coordinate x	0.4578
Chromaticity coordinate y	0.4101
R9 Colour rendering index	>0
Beam angle correspondence	SPHERE_360
Survival factor	0.90
EPREL ID	1403246,523321,1351521
Model number	AC31163

### 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
4058075409989	Folding box 3	46 mm x 140 mm x 130 mm	66.00 g	0.84 dm <sup>3</sup>
4058075589711	Shipping box 9	159 mm x 152 mm x 106 mm	320.00 g	2.56 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**

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.