

PRODUCT DATASHEET LED Classic A 60 8.5W 840 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





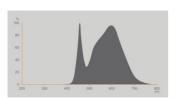
TECHNICAL DATA

Electrical data

Nominal wattage	8.5 W
Construction wattage	8.50 W
Nominal voltage	220240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	58 mA
Type of current	AC
Inrush current	7.8 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp no. on circuit break. 10 A (B)	80
Max. lamp no. on circuit break. 16 A (B)	95

Photometrical data

Luminous flux	806 lm
Nominal useful luminous flux 90°	806 lm
Luminous efficacy	94 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

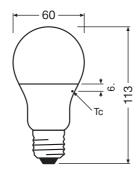


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Light technical data

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

Dimensions & Weight



Overall length	107.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	21.00 g

Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	88.6 °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)	E27
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted

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Product remark product remark 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 Certificates & Standards Energy efficiency class F 1 Energy consumption 9.00 kWh/1000h Type of protection IP20 Standards CE / LVD / EMC / SLR / ROHS / REACH Photobiological safety group acc. to EN62778 RG0 Country-specific categorizations ILCOS DRAA/F-10/840-220-240-E27-60 Order reference LED CLA60 8,5W/ Temperature range at storage -20+80 °C		
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Correlated colour temperature type SINGLE_VALUE Standby power 0.00 W	High luminance light source	No
Standby power 0.00 W	Anti-glare shield	No
	Correlated colour temperature type	SINGLE_VALUE
Networked standby power for CLS 0.00 W	Standby power	0.00 W
	Networked standby power for CLS	0.00 W

Yes

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Claim of equivalent power

Length	107.00 mm
Height	60.00 mm
Width	60.00 mm
Chromaticity coordinate x	0.3818
Chromaticity coordinate y	0.3797
R9 Colour rendering index	>0
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	> 0.5
EPREL ID	1403216,523309,1351501
Model number	AC31151

DOWNLOAD DATA

	Documents and certificates	
PDF	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
4058075128088	Folding box 1	60 mm x 60 mm x 162 mm	37.00 g	0.58 dm ³
4058075128095	Shipping box 10	322 mm x 134 mm x 130 mm	706.00 g	5.61 dm³
4058075590076	Shipping box 6	208 mm x 135 mm x 137 mm	360.00 g	3.85 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.

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