

PRODUCT DATASHEET

LED VALUE CLASS A 60 8 W/4000 K E27

LED VALUE CLASSIC A | LED lamps, classic bulb shape



Areas of application

- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Can be easily fitted instead of ordinary light bulbs

Product features

- LED alternative to conventional lamps
- Not dimmable
- Good color rendering CRI ≥ 80 and color stability throughout the life of the lamp



TECHNICAL DATA

Electrical data

Nominal wattage	8 W
Construction wattage	8.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	60 mA
Inrush current	4.4 A
Max. lamp number on MCB B10 A	320
Max. lamp number on MCB B16 A	320
Total harmonic distortion	112.70 %
Power factor λ	0.66

Photometrical data

Luminous flux	806 lm
Luminous efficacy	100 lm/W
Lumen main.fact.at end of nom.life time	0.93
Color temperature	4000 K
Color rendering index Ra	80
Light color	840
Standard deviation of color matching	≤ 6 sdc _m
Flickering metric (Pst LM)	1
Stroboscope effect metric (SVM)	0.4



EPREL Data Spectral Diagram LEDr
_4000K

Light technical data

Beam angle	150 °
Warm-up time (60 %)	$\lt 0.50$ s

Starting time	< 0.5 s
---------------	---------

Dimensions & Weight

Overall length	107.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	22.00 g

Temperatures & operating conditions

Maximum temperature at tc test point	92 °C
--------------------------------------	-------

Lifespan

Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg
Mercury-free	Yes

Capabilities

Dimmable	No
----------	----

Certificates & Standards

Energy efficiency class	F 1)
Energy consumption	8.00 kWh/1000h
Photobiological safety group acc. to EN62778	RG1

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

Country-specific categorizations

ILCOS	DRAA/F-9,5/840-220-240-E27-60
Order reference	VALUE CLA60 8W/

Energy labelling regulation data acc EU 2019/2015

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	0 W
Claim of equivalent power	Yes
Length	107.00 mm
Height	60.00 mm
Width	60.00 mm
Chromaticity coordinate x	0.382
Chromaticity coordinate y	0.380
R9 Colour rendering index	1
Survival factor	0.90
Displacement factor	0.991
LED light source replaces a fluorescent light source	No
EPREL ID	1403216,523309,1381366,1857028,2016227
Model number	AC31151,AC24700,AC44915,AC55983,AC56435,AC55983,AC55983

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
	Declarations of conformity	EC Declaration of Conformity CLA Non Dim AC31141-56 AC31177-9 AC34531-3
	Declarations of conformity	LED CLASSIC A_P NON-DIM
	Declarations of conformity UKCA	LED CLASSIC A_P NON-DIM

Photometric and lighting design files		Document name
	IES file (IES)	AC08347_CLA60 8,5W 230V FR E27
	LDT file (Eulumdat)	AC08347_CLA60 8,5W 230V FR E27
	Light distribution curve type polar	VALUECLA60 8,5W 840 230VFR E27 FS1 OSRAM
	Spectral power distribution	EPREL Data Spectral Diagram LEDr _4000K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075476073	Folding box 3	61 mm x 153 mm x 143 mm	89.00 g	1.33 dm³
4058075476080	Shipping box 30	315 mm x 313 mm x 122 mm	1122.00 g	12.03 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.