

# PRODUCT DATASHEET LED VALUE CLAS A 13 W/4000 K E27 GEN4

LED VALUE CLASSIC A | LED lamps, classic bulb shape



### Areas of application

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

### Product benefits

- No "Blue Light" Hazard (according to IEC62778)
- Photobiological safety according to IEC 62778, risk group RG0
- Energy savings of up to 85 % (compared to traditional incandescent lamps)
- Instant 100 % light, no warm-up time
- No UV and near-IR radiation in the light beam
- Reliable operation thanks to brand quality

### **Product features**

- Color rendering index  $R_a$ :  $\geq 80$
- Not dimmable
- Mercury-free lamps





# TECHNICAL DATA

# Electrical data

Nominal wattage	13 W
Construction wattage	13.00 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	100 W
Nominal current	108 mA
Type of current	AC
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Power factor $\lambda$	> 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)	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

# Light technical data

Beam angle	180 °
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	45.00 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
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
Certificates & Standards	
Energy efficiency class	E 1)
Energy consumption	13.00 kWh/1000h
Photobiological safety group acc. to EN62778	RG0
Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E     Country-specific categorizations	(lowest efficiency)
Order reference	LVCLA100 13W/84
Energy labelling regulation data acc EU 2019/2015	
Energy labelling regulation data acc EU 2019/2015  Light source cap-type (or other electric interface)	E27
	E27 SINGLE_VALUE
Light source cap-type (or other electric interface)	
Light source cap-type (or other electric interface)  Correlated colour temperature type	SINGLE_VALUE
Light source cap-type (or other electric interface)  Correlated colour temperature type  Length	SINGLE_VALUE 118.00 mm
Light source cap-type (or other electric interface)  Correlated colour temperature type  Length  Height	SINGLE_VALUE  118.00 mm  60.00 mm

## DOWNLOAD DATA

Photometric and lighting design files	Document name
IES file (IES)	LED VALUE CLA100 14W 4000K

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075202283	Folding box 1	61 mm x 61 mm x 118 mm	81.00 g	0.44 dm <sup>3</sup>
4058075351677	Shipping box 10	318 mm x 132 mm x 135 mm	722.00 g	5.67 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.