

## PRODUCT DATASHEET

### VALUE CLAS A 75 FR 10 W/6500 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

- Very low energy consumption
- Can be easily fitted instead of ordinary light bulbs

#### Product features

- LED alternative to conventional lamps
- Not dimmable
- Good color rendering ( $R_a \geq 80$ ) and color stability throughout the life of the lamp



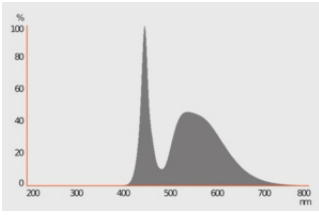
## TECHNICAL DATA

### Electrical data

Nominal wattage	10 W
Construction wattage	10.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	75 W
Nominal current	58 mA
Type of current	AC
Inrush current	10 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	133
Max. lamp no. on circuit break. 16 A (B)	213
Total harmonic distortion	73 %
Power factor $\lambda$	> 0.70

### Photometrical data

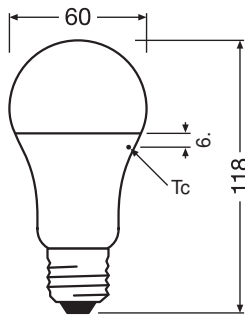
Luminous flux	1055 lm
Nominal useful luminous flux 90°	1055 lm
Luminous efficacy	105 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool Daylight
Color temperature	6500 K
Color rendering index Ra	≥80
Light color	865
Standard deviation of color matching	≤6 sdcn
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.9



**Light technical data**

Beam angle	200 °
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	24.00 g

**Temperatures & operating conditions**

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	88 °C

**Lifespan**

Lifespan L70/B50 at 25 °C	10000 h
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
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
----------	----

### Certificates & Standards

Energy efficiency class	F <sup>1)</sup>
Energy consumption	10.00 kWh/1000h
Type of protection	IP20
Standards	ROHS 2.0 / REACH / CE / CB / ERP
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

ILCOS	DRAA/F-10,5/827-220-240-E27-60
Order reference	VALUECLA75 10W/

### LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
------------------------------	--------------

### 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-tunable light source	No

Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0.00
Claim of equivalent power	Yes
Length	118.00 mm
Height	60.00 mm
Width	60.00 mm
Chromaticity coordinate x	0.312
Chromaticity coordinate y	0.328
R9 Colour rendering index	0.00
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.50
LED light source replaces a fluorescent light source	No
EPREL ID	523314,1381371
Model number	AC31156,AC44920

**DOWNLOAD DATA**

**Documents and certificates**



Declarations Of Conformity CE

**Photometric and lighting design files**



IES file (IES)



LDT file (Eulumdat)



LDC typ polar



Spectral power distribution

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899971035	Folding box 1	60 mm x 60 mm x 112 mm	40.00 g	0.40 dm <sup>3</sup>
4058075019225	Bundle 2			
4058075019256	Bundle 3			
4052899971127	Shipping box 10	315 mm x 132 mm x 126 mm	560.00 g	5.24 dm <sup>3</sup>
4058075019232	Shipping box 20	316 mm x 252 mm x 134 mm	1881.00 g	10.67 dm <sup>3</sup>
4058075019263	Shipping box 30	372 mm x 315 mm x 125 mm	2638.00 g	14.65 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.