

PRODUCT DATASHEET LED Value Classic A 75 10W 827 Frosted 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 \geq 80 and color stability throughout the life of the lamp





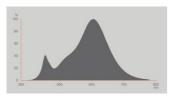
TECHNICAL DATA

Electrical data

Nominal wattage	10 W	
Construction wattage	10.00 W	
Nominal voltage	220240 V	
Operating mode	AC Mains	
Claimed equiv. conventional lamp power	75 W	
Nominal current	76 mA	
Type of current	AC	
Inrush current	4.2 A	
Operating frequency	50/60 Hz	
Mains frequency	50/60 Hz	
Max. lamp number on MCB B10 A	219	
Max. lamp number on MCB B16 A	229	
Total harmonic distortion	111.70 %	
Power factor λ	0.65	

Photometrical data

Luminous flux	1055 lm
Luminous efficacy	105 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 sdcm
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



LED Classic 827

Light technical data

Beam angle	180 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	113.00 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	100 °C

Lifespan

Lifespan L70/B50 at 25 °C	10000 h
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	
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

E27

Dimmable	No
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Certificates & Standards

Energy efficiency class	F 1)
Energy consumption	10.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA / EAC
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

Order reference	VALUECLA75 10W/	
OGISTICAL 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-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	
Claim of equivalent power	Yes	
Length	113.00 mm	
Height	60.00 mm	
Width	60.00 mm	
Chromaticity coordinate x	0.458	
Chromaticity coordinate y	0.410	
R9 Colour rendering index	1	
Beam angle correspondence	SPHERE_360	
Survival factor	0.90	
Displacement factor	0.905	
LED light source replaces a fluorescent light source	No	

EPREL ID	2192484
Model number	AC69345

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
PDF	Declarations of conformity	LED lamp
PDF	Declarations of conformity UKCA	LED lamp
	Photometric and lighting design files	Document name
4	Spectral power distribution	LED Classic 827

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854808098	Folding box 10	118 mm x 266 mm x 123 mm	337.00 g	3.86 dm ³
4099854808104	Shipping box 60	371 mm x 286 mm x 275 mm	2627.00 g	29.18 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.