PRODUCT DATASHEET
LED Classic A 60 S 9.4W 927 Frosted E27

LED CLASSIC A LAMPS FROSTED S | LED lamps with CRI 97, A types



SUPERIOR CLASS

Areas of application

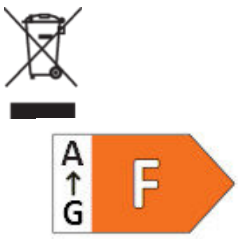
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Design, dimensions, luminous flux comparable to a halogen lamp
- Natural light spectrum with outstanding color rendering of CRI 97
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain
- Lower energy consumption than incandescent or halogen lamps
- Instant 100 % light, no warm-up time
- Low flickering

Product features

- LED lamps for line voltage
- Color rendering index CRI 97



TECHNICAL DATA

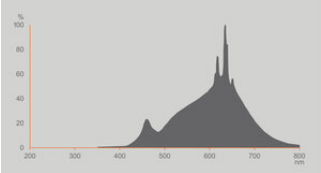
Electrical data

Nominal wattage	9.4 W
Construction wattage	9.40 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	62 mA
Type of current	AC
Inrush current	5.76 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	45
Max. lamp number on MCB B16 A	58
Maximum total harmonic distortion	107.6 %
Power factor λ	> 0.50

Photometrical data

Luminous flux	806 lm
Luminous efficacy	85 lm/W
Lumen main.fact.at end of nom.life time	0.97
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	97
Light color	927
Standard deviation of color matching	≤6 sdcm
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

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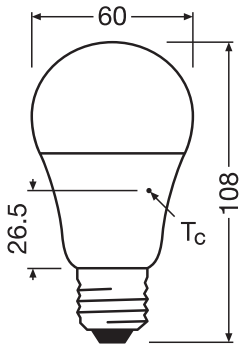


Spectral graph classic A 2700K

Light technical data

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

Dimensions & Weight



Overall length	108.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	22.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	95 °C

Lifespan

Lifespan L70/B50 at 25 °C	30000 h

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Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.97

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 [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	LED CLA60 9.4W

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-tuneable light source	No
Envelope	No

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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	108.00 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	>0.7
LED light source replaces a fluorescent light source	No
EPREL ID	1351534,1838223
Model number	AC45033,AC55973,AC55973

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	Classic A_B_P 15000h FR
PDF	Declarations of conformity	LED CLASSIC / LED STICK
PDF	Declarations of conformity UKCA	LED CLASSIC / LED STICK

	Photometric and lighting design files	Document name
	Spectral power distribution	Spectral graph classic A 2700K

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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854075421	Folding box 1	62 mm x 62 mm x 122 mm	36.00 g	0.47 dm^3
4099854075438	Shipping box 10	315 mm x 132 mm x 124 mm	459.00 g	5.16 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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