PRODUCT DATASHEET

LED Classic Stick 60 V 8.5W 827 Frosted E27

LED CLASSIC STICK V | LED lamps with classic stick shape with housing consisting of min. 50% recycled plastics



VALUE CLASS

Areas of application

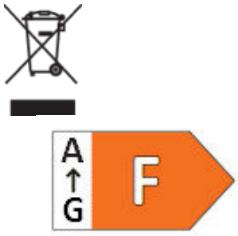
- All domestic rooms, especially where the lamps are visible
- Wherever compact and efficient lamps are needed
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Attractive lamp appearance
- Instant 100 % light, no warm-up time

Product features

- LED alternative to conventional lamps
- Lifetime up to 15,000 h
- Not dimmable
- Minimum 50 % of recycled plastic (out of total plastic weight) used
- Good quality of light; color rendering index R_a: ≥ 80; constant chromaticity



TECHNICAL DATA

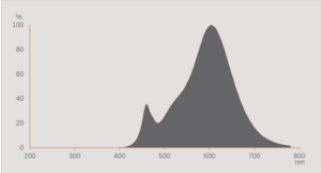
Electrical data

Nominal wattage	8.5 W
Construction wattage	8.50 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	60 mA
Type of current	AC
Inrush current	7.04 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	30
Max. lamp number on MCB B16 A	36
Maximum total harmonic distortion	104.40 %
Power factor λ	0.63

Photometrical data

Luminous flux	806 lm
Luminous efficacy	94 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

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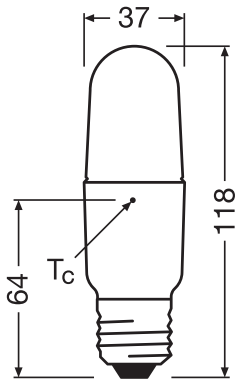


LISO spectral power distribution 2700K CRI80 v1

Light technical data

Beam angle	240 °
Warm-up time (60 %)	0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	118.00 mm
Diameter	37.00 mm
Maximum diameter	37 mm
Product weight	28.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	90 °C

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Lifespan

Lifespan L70/B50 at 25 °C	15000 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
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	9.00 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 STICK60 8.5

LOGISTICAL DATA

Temperature range at storage	-40…+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

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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	118.00 mm
Height	37.00 mm
Width	37.00 mm
Chromaticity coordinate x	0.4578
Chromaticity coordinate y	0.4101
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.912
LED light source replaces a fluorescent light source	No
EPREL ID	523290,1838210,2190100
Model number	AC31132,AC55960,AC69376,AC69376,AC69376

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 Stick lamp
PDF	Declarations of conformity	LED CLASSIC / LED STICK
PDF	Declarations of conformity	Declaration of conformity CE
PDF	Declarations of conformity UKCA	LED CLASSIC / LED STICK
PDF	Declarations of conformity UKCA	UKCA declaration LED stick

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	Photometric and lighting design files	Document name
	Spectral power distribution	LISO spectral power distribution 2700K CRI80 v1

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854057113	Folding box 1	42 mm x 42 mm x 121 mm	41.00 g	0.21 dm^3
4099854057120	Shipping box 10	218 mm x 92 mm x 132 mm	420.00 g	2.65 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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