PRODUCT DATASHEET
LED Star Classic Stick Flame 0.5W 515 Frosted E14

LED lamps with flame effect | LED lamps with flame effect



Areas of application

- All domestic rooms, especially where the lamps are visible
- Wherever compact and efficient lamps are needed
- Where the lamps need to last a long time or have to withstand frequent on/off switching
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Lower energy consumption than incandescent or halogen lamps
- Attractive lamp appearance

Product features

- LED alternative to conventional lamps
- Good quality of light; color rendering index R_a: ≥ 80; constant chromaticity



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TECHNICAL DATA

Electrical data

Nominal wattage	0.5 W
Construction wattage	0.50 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Nominal current	12 mA
Type of current	AC
Inrush current	10 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	166
Max. lamp number on MCB B16 A	266
Maximum total harmonic distortion	< 180 %
Power factor λ	> 0.50

Photometrical data

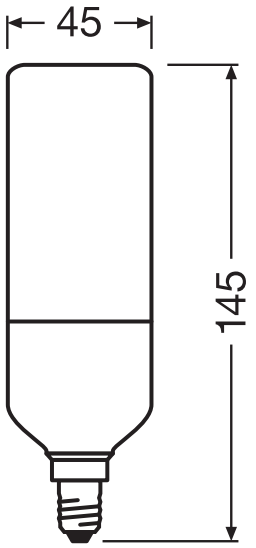
Luminous flux	10 lm
Nominal useful luminous flux 90°	10 lm
Luminous efficacy	20 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm Comfort Light
Color temperature	1500 K
Color rendering index Ra	55
Light color	515
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	not applicable
Stroboscope effect metric (SVM)	not applicable

Light technical data

Beam angle	330 °
Warm-up time (60 %)	‹ 1.00 s
Starting time	< 0.5 s

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Dimensions & Weight



Overall length	145.00 mm
Diameter	45.00 mm
Maximum diameter	45 mm
Product weight	55.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	50 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 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)	E14
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted

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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 consumption	1.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG1

Country-specific categorizations

Order reference	LEDSSTICK FLAME

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)	E14
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Standby power	0 W
Networked standby power for CLS	0 W
Claim of equivalent power	No
Length	145.00 mm
Height	45.00 mm
Width	45.00 mm
Chromaticity coordinate x	0.586
Chromaticity coordinate y	0.403
R9 Colour rendering index	not applicable
Survival factor	not applicable
Displacement factor	not applicable

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LED light source replaces a fluorescent light source	No

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	On-Pack-Info	ELR - exempt lamps
PDF	Declarations of conformity	LED lamp Stick Flame
PDF	Declarations of conformity	LED lamp
PDF	Declarations of conformity UKCA	LED lamp

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075389885	Folding box 1	47 mm x 47 mm x 180 mm	67.00 g	0.40 dm^3
4058075453135	Shipping box 4	111 mm x 110 mm x 194 mm	317.00 g	2.37 dm^3
4058075453142	Shipping box 32	240 mm x 238 mm x 417 mm	2987.00 g	23.82 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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