

PRODUCT DATASHEET

LED Star Classic Stick Flame 0.5W 515 Frosted E14

LED STAR STICK | LED lamps, classic stick shape



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 $R_a \geq 80$; constant chromaticity



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 |
| Total harmonic distortion | < 180 % |
| Power factor λ | > 0.50 |

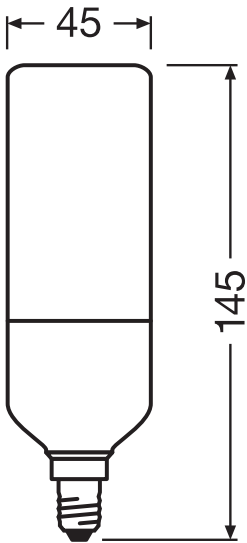
Photometrical data

| | |
|---|--------------------|
| 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 sdcn |
| 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 |

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 |

| | |
|----------------|--|
| 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 |
| 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 |
|--|----------------------------|----------------------|
|  | Declarations of conformity | LED lamp Stick Flame |

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.