

PRODUCT DATASHEET

LED STAR STICK 60 FR 8 W/4000 K E27

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



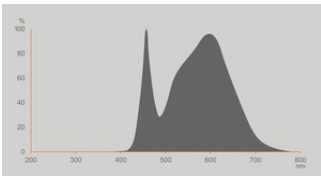
TECHNICAL DATA

Electrical data

Nominal wattage	8 W
Construction wattage	8.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	58 mA
Type of current	AC
Inrush current	< 18 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp number on MCB B10 A	172
Max. lamp number on MCB B16 A	275
Total harmonic distortion	119 %
Power factor λ	> 0.50

Photometrical data

Luminous flux	806 lm
Nominal useful luminous flux 90°	806 lm
Luminous efficacy	100 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
Standard deviation of color matching	≤6 sdcn
Rated LLMF at 6,000 h	0.80



EPREL Data Spectral Diagram LEDr_4000K

Light technical data

Beam angle	200 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	114.00 mm
Diameter	40.40 mm
Maximum diameter	38 mm
Product weight	29.00 g

Temperatures & operating conditions

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

Lifespan

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)	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
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Certificates & Standards

Energy efficiency class	F 1)
Energy consumption	8.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG1

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

Country-specific categorizations

ILCOS	DRSGT/F-7/827-230-E27-41
Order reference	LEDSTICK60 8W/

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Correlated colour temperature type	SINGLE_VALUE
Length	114.00 mm
Height	40.40 mm
Width	40.40 mm
EPREL ID	1402977,523292,1838212,2190113

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 Classic A, B, P, Stick Lamps
	Declarations of conformity	LED Stick lamp
	Declarations of conformity	LED CLASSIC / LED STICK
	Declarations of conformity	Declaration of conformity CE FTL Sticks

Documents and certificates		Document name
	Declarations of conformity	Declaration of conformity CE
	Declarations of conformity UKCA	LED CLASSIC / LED STICK
	Declarations of conformity UKCA	UKCA declaration LED stick
Photometric and lighting design files		Document name
	IES file (IES)	LEDSSTICK60 8W 840 FR OSRAM
	Spectral power distribution	EPREL Data Spectral Diagram LEDr _4000K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075428508	Folding box 1	41 mm x 49 mm x 155 mm	43.00 g	0.31 dm ³
4058075815933	Blister 1	45 mm x 140 mm x 120 mm	49.00 g	0.76 dm ³
4058075059177	Folding box 1	41 mm x 49 mm x 155 mm	43.00 g	0.31 dm ³
4058075586116	Shipping box 6	144 mm x 111 mm x 131 mm	327.00 g	2.09 dm ³
4058075059184	Shipping box 10	226 mm x 111 mm x 131 mm	483.00 g	3.29 dm ³
4058075815940	Shipping box 6	285 mm x 153 mm x 136 mm	362.00 g	5.93 dm ³
4058075585799	Shipping box 6	144 mm x 111 mm x 131 mm	327.00 g	2.09 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.