PRODUCT DATASHEET
LED Star Classic Stick 60 8W 827 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: ≥ 80; constant chromaticity

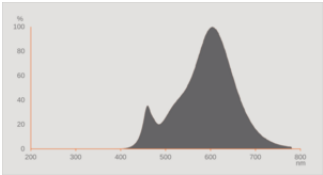## TECHNICAL DATA

Electrical data

Nominal wattage	8 W
Construction wattage	8.00 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	58 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
Total harmonic distortion	104.40 %
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)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

LISO spectral power distribution
2700K CRI80 v1

Light technical data

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

Dimensions & Weight

Overall length	118.00 mm
Diameter	36.00 mm
Maximum diameter	38 mm
Product weight	28.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	90 °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 efficiency class	F [1]
Energy consumption	8.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA / EAC
Photobiological safety group acc. to EN62778	RG1

[1] Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Country-specific categorizations

Order reference	LEDSSTICK60 8W/

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)	E14
Connected light source (CLS)	No
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	36.00 mm

Width	36.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	>0
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.7
LED light source replaces a fluorescent light source	No
EPREL ID	1402984

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 UKCA	LED CLASSIC / LED STICK

	Photometric and lighting design files	Document name
	IES file (IES)	LEDSSTICK60 8W 827 FR OSRAM
	LDT file (Eulumdat)	AC08414_STICK60 8W 230VFR E14
	Light distribution curve type polar	LEDSSTICK75 8W 827 230VFR E14 BLI1 OSRAM
	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
4058075125766	Blister 1	45 mm x 140 mm x 120 mm	48.00 g	0.76 dm³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075125773	Shipping box 6	285 mm x 153 mm x 136 mm	554.00 g	5.93 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.