

PRODUCT DATASHEET

LED Star Classic Stick 60

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



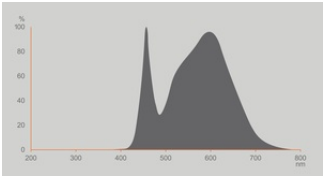
TECHNICAL DATA

Electrical data

Construction wattage	8.00 W
Type of current	AC
Inrush current	7.04 A
Operating 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 %

Photometrical data

Nominal useful luminous flux 90°	806 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



EPREL Data Spectral Diagram LEDr
_4000K

Light technical data

Warm-up time (60 %)	0.50 s
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Dimensions & Weight

Overall length	118.00 mm
Maximum diameter	38 mm

Temperatures & operating conditions

Maximum temperature at tc test point	90 °C
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Lifespan

Lumen maintenance at end of service lifetime	0.70
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

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

Certificates & Standards

Energy consumption	8.00 kWh/1000h
Standards	CE / UKCA / EAC

LOGISTICAL DATA

Temperature range at storage	-40...+80 °C
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Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	NDLS
Mains or non-mains	MLS
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Standby power	0.00 W
Claim of equivalent power	Yes
Chromaticity coordinate x	0.382
Chromaticity coordinate y	0.380
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

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 Stick lamp
	Declarations of conformity	LED CLASSIC / LED STICK
	Declarations of conformity UKCA	LED CLASSIC / LED STICK
Photometric and lighting design files		Document name
	IES file (IES)	LEDSSTICK60 8W 840 FR OSRAM
	LDT file (Eulumdat)	AC08413_STICK60 8W 230V FR E14
	Light distribution curve type polar	LEDSSTICK60 8W 840 230VFR E14 BLI1 OSRAM
	Spectral power distribution	EPREL Data Spectral Diagram LEDr _4000K

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.