

# PRODUCT DATASHEET LED Star Classic Stick 60 8W 840 Frosted 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**

- Low energy consumption
- Attractive lamp appearance

#### **Product features**

- LED alternative to conventional lamps
- Good quality of light; color rendering index  $R_a$ :  $\geq$  80; constant chromaticity
- Mercury-free lamps



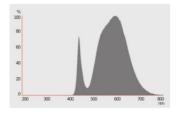
# **TECHNICAL DATA**

# Electrical data

Nominal wattage	8 W
Construction wattage	8.00 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	58 mA
Type of current	AC
Inrush current	10.2 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp no. on circuit break. 10 A (B)	172
Max. lamp no. on circuit break. 16 A (B)	310
Total harmonic distortion	105 %
Power factor $\lambda$	> 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	0.93
Light color (designation)	Cool White
Color temperature	4000 К
Color rendering index Ra	≥80
Light color	840
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)	0.9



# Light technical data

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

# **Dimensions & Weight**

Overall length	116.00 mm
Diameter	36.00 mm
Maximum diameter	38 mm
Product weight	29.00 g

# Temperatures & operating conditions

Ambient temperature range	-20+40 °C
Maximum temperature at tc test point	82 ℃

# Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93
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

	All technical parameters apply to the entire lamp / Due to the complex
	production process for light-emitting diodes, the typical values shown
Product remark	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 <sup>1)</sup>
Energy consumption	8.00 kWh/1000h
Type of protection	IP20
Standards	ROHS 2.0 / REACH / CE
Photobiological safety group acc. to EN62778	RGO

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

# **Country-specific categorizations**

ILCOS	DRSGT/F-7/827-230-E27-41
Order reference	LEDSSTICK60 8W/

# LOGISTICAL DATA

# 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)	E27
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	116.00 mm

Height	36.00 mm
Width	36.00 mm
Chromaticity coordinate x	0.382
Chromaticity coordinate y	0.380
R9 Colour rendering index	0.00
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.50
LED light source replaces a fluorescent light source	No
EPREL ID	1402977,523292
Model number	AC31134,AC17501

## DOWNLOAD DATA

	Documents and certificates
POF	Declarations Of Conformity CE
	Photometric and lighting design files
1	IES file (IES)
1	Spectral power distribution

# 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	44.00 g	0.31 dm³
4058075586116	Shipping box 6	144 mm x 111 mm x 131 mm	315.00 g	2.09 dm <sup>3</sup>
4058075428515	Shipping box 10	226 mm x 111 mm x 131 mm	510.00 g	3.29 dm <sup>3</sup>

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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