

# PRODUCT DATASHEET LED STAR STICK 60 FR 8 W/2700 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	220240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	58 mA
Type of current	AC
Inrush current	< 18 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp number on MCB B10 A	172
Max. lamp number on MCB B16 A	275
Total harmonic distortion	119 %
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	0.70
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

# 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	num diameter 38 mm		
Product weight	duct 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		
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			
DRSGT/F-7/827-230-E27-41			

LEDSSTICK60 8W/

Energy labelling regulation data acc EU 2019/2015

Order reference

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	1402980
Model number	AC17504

## Safety advice

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.

## **DOWNLOAD DATA**

Photometric and lighting design files	Document name
IES file (IES)	LEDSSTICK60 8W 827 FR OSRAM

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075815919	Blister 1	45 mm x 140 mm x 120 mm	49.00 g	0.76 dm <sup>3</sup>
4058075815926	Shipping box 6	285 mm x 153 mm x 136 mm	361.00 g	5.93 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.