

# PRODUCT DATASHEET LED Star Classic Stick 60 8W 840 Frosted E27

PARATHOM® 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
- Outdoor use in suitable outdoor luminaires only

#### **Product benefits**

- Low energy consumption
- Attractive lamp appearance
- Instant 100 % light, no warm-up time

## Product features

- LED alternative to conventional lamps
- Lifetime up to 15,000 h
- Not dimmable





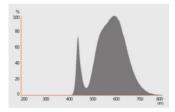
## TECHNICAL DATA

## 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 number on MCB B10 A	172
Max. lamp number on MCB B16 A	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 K
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



349924\_4000K\_Se\_5630.eps

# 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 °C

# 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

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	ROHS 2.0 / REACH / CE
Photobiological safety group acc. to EN62778	RG0
OGISTICAL DATA	
_OGISTICAL DATA	
	40 20 20
Temperature range at storage	-40+80 °C
Temperature range at storage	-40+80 °C
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Temperature range at storage Energy labelling regulation data acc EU 2019/2015	
Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used	LED
Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional	LED NDLS
Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains	LED NDLS MLS
Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains  Light source cap-type (or other electric interface)	LED NDLS MLS E27
Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains  Light source cap-type (or other electric interface)  Connected light source (CLS)	LED NDLS MLS E27 No
Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains  Light source cap-type (or other electric interface)  Connected light source (CLS)  Color-tuneable light source	LED NDLS MLS E27 No
Temperature range at storage  Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains  Light source cap-type (or other electric interface)  Connected light source (CLS)  Color-tuneable light source  Envelope	LED NDLS MLS E27 No No
Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains  Light source cap-type (or other electric interface)  Connected light source (CLS)  Color-tuneable light source  Envelope  High luminance light source	LED NDLS MLS E27 No No No
Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains  Light source cap-type (or other electric interface)  Connected light source (CLS)  Color-tuneable light source  Envelope  High luminance light source  Anti-glare shield	LED NDLS MLS E27 No No No No No
Energy labelling regulation data acc EU 2019/2015  Lighting technology used  Non-directional or directional  Mains or non-mains  Light source cap-type (or other electric interface)  Connected light source (CLS)  Color-tuneable light source  Envelope  High luminance light source  Anti-glare shield  Correlated colour temperature type	LED NDLS MLS E27 No No No No Single_Value

116.00 mm

36.00 mm

Length

Height

Width	36.00 mm
Chromaticity coordinate x	0.382
Chromaticity coordinate y	0.380
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.50
LED light source replaces a fluorescent light source	No
EPREL ID	523292
Model number	AC31134

#### **DOWNLOAD DATA**

	Documents and certificates	Document name
PDF	Declarations of conformity	LED Stick lamp

Photometric and lighting design files	Document name
Spectral power distribution	349924_4000K_Se_5630.eps

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075593312	Folding box 1	36 mm x 36 mm x 120 mm	37.00 g	0.16 dm <sup>3</sup>
4058075593329	Shipping box 10	197 mm x 83 mm x 135 mm	467.00 g	2.21 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.