

PRODUCT DATASHEET

LED Superstar Plus Stick 75 DIM 11W 940 Frosted E27

LED SUPERSTAR PLUS CLASSIC STICK | Dimmable LED lamps, classic Stick shape, natural daylight



Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Natural light spectrum with outstanding color rendering of CRI ≥ 90
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain
- Lower energy consumption than incandescent or halogen lamps
- Attractive lamp appearance

Product features

- LED lamps for line voltage
- Dimmable
- Color rendering index $R_a: \geq 90$



TECHNICAL DATA

Electrical data

Nominal wattage	11 W
Construction wattage	11.00 W
Nominal voltage	220...240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	75 W
Nominal current	68 mA
Type of current	AC
Inrush current	0.26 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp number on MCB B10 A	117
Max. lamp number on MCB B16 A	188
Total harmonic distortion	90.9 %
Power factor λ	0.78

Photometrical data

Luminous flux	1055 lm
Luminous efficacy	95 lm/W
Lumen main.fact.at end of nom.life time	0.96
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	90
Light color	940
Standard deviation of color matching	≤6 sdc _m
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



LISO spectral power distribution
4000K CRI90 v1

Light technical data

Beam angle	240 °
Warm-up time (60 %)	0.50 s
Starting time	< 0.5 s

Dimensions & Weight

Overall length	117.00 mm
Diameter	40.00 mm
Maximum diameter	40 mm
Product weight	34.00 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	0.96

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	Yes ¹⁾
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¹⁾ Check dimmer compatibility at [ledvance.com/compatibility](https://www.ledvance.com/compatibility)

Certificates & Standards

Energy efficiency class	F ¹⁾
Energy consumption	11.00 kWh/1000h
Type of protection	IP20
Standards	CE / UKCA / EAC
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

Order reference	LSSPSTICK75D 11
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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
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	117.00 mm
Height	40.00 mm
Width	40.00 mm
Chromaticity coordinate x	0.3818
Chromaticity coordinate y	0.3797
R9 Colour rendering index	1

Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.984
LED light source replaces a fluorescent light source	No
EPREL ID	642816,1369503,1838220,2190112
Model number	AC35678,AC45979,AC35678,AC55970,AC69373

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	Stick 75 dim E27 25000h FR
	Declarations of conformity	LED CLASSIC / LED STICK
	Declarations of conformity	Declaration of conformity CE FTL Sticks
	Declarations of conformity	Declaration of conformity CE
	Declarations of conformity UKCA	LED CLASSIC / LED STICK
	Declarations of conformity UKCA	UKCA declaration LED stick
Photometric and lighting design files		Document name
	Spectral power distribution	LISO spectral power distribution 4000K CRI90 v1

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075611566	Folding box 1	41 mm x 49 mm x 155 mm	49.00 g	0.31 dm ³
4058075611573	Shipping box 6	144 mm x 111 mm x 131 mm	320.00 g	2.09 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.