PRODUCT DATASHEET
LED Superstar Plus Stick 70 DIM 11W 927 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
- Low energy consumption
- Attractive lamp appearance

Product features

- LED lamps for line voltage
- Dimmable
- Color rendering index R_a: ≥ 90





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TECHNICAL DATA

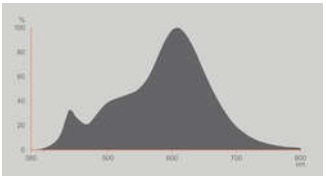
Electrical data

Nominal wattage	11 W
Construction wattage	11.00 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	70 W
Nominal current	56 mA
Type of current	AC
Inrush current	10.2 A
Operating frequency	50…60 Hz
Mains frequency	50…60 Hz
Max. lamp no. on circuit break. 10 A (B)	172
Max. lamp no. on circuit break. 16 A (B)	310
Total harmonic distortion	100 %
Power factor λ	≥ 0.70

Photometrical data

Luminous flux	1000 lm
Nominal useful luminous flux 90°	1000 lm
Luminous efficacy	90 lm/W
Lumen main.fact.at end of nom.life time	0.96
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥90
Light color	927
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)	≤0,4

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Light technical data

Beam angle	200 °
Warm-up time (60 %)	1.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	121.00 mm
Diameter	44.00 mm
Maximum diameter	44 mm
Product weight	35.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	96 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.96
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg

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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)]

1) Check dimmer compatibility at ledvance.com/compatibility

Certificates & Standards

Energy efficiency class	F [1)]
Energy consumption	11.00 kWh/1000h
Type of protection	IP20
Standards	CE / LVD / EMC / SLR / ROHS / REACH
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	LSSPSTICK70D 11

LOGISTICAL DATA

Temperature range at storage	-40...+80 °C

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

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Networked standby power for CLS	0.00 W
Claim of equivalent power	Yes
Length	121.00 mm
Height	44.00 mm
Width	44.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
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
EPREL ID	642815,1369502,1838219
Model number	AC35677,AC45978,AC35677,AC55969

DOWNLOAD DATA

	Documents and certificates
PDF	Declarations Of Conformity CE

	Photometric and lighting design files
	Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075611542	Folding box 1	46 mm x 49 mm x 156 mm	52.00 g	0.35 dm^3
4058075611559	Shipping box 6	159 mm x 111 mm x 132 mm	340.00 g	2.33 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.

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