PRODUCT DATASHEET
LED Classic Stick 70 DIM S 11W 927 Frosted E27

LED CLASSIC STICK S | Dimmable LED lamps, classic stick shape with CRI 90



SUPERIOR CLASS

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: ≥ 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	0.26 A
Operating frequency	50…60 Hz
Mains frequency	50…60 Hz
Max. lamp no. on circuit break. 10 A (B)	117
Max. lamp no. on circuit break. 16 A (B)	188
Total harmonic distortion	90.9 %
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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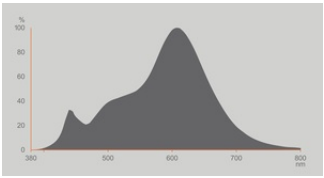

EPREL Data Spectral Diagram
LEDr_Stick 2700K_927

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	90 °C

Lifespan

Lifespan L70/B50 at 25 °C	25000 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

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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)]

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 / 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	LED STICK70 DIM

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

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Standby power	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	58
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.7
LED light source replaces a fluorescent light source	No
EPREL ID	1369502,1838219
Model number	AC45978,AC55969

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Declarations Of Conformity CE	Stick 75 dim E27 25000h FR
PDF	Declarations Of Conformity CE	LED CLASSIC / LED STICK
PDF	Declarations Of Conformity UKCA	LED CLASSIC / LED STICK

	Photometric and lighting design files	Document name
	Spectral power distribution	EPREL Data Spectral Diagram LEDr_Stick 2700K_927

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854055713	Folding box 1	45 mm x 45 mm x 125 mm	42.00 g	0.25 dm^3
4099854055720	Shipping box 10	240 mm x 102 mm x 141 mm	511.00 g	3.45 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.

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DISCLAIMER

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