

## PRODUCT DATASHEET

# LED Superstar Plus Stick 75 DIM 11W 965 Frosted E27

LED SUPERSTAR PCR CLASSIC STICK DIM LAMP | LED lamps with recycled plastic



### 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  $\geq 90$
- 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  $R_a: \geq 90$



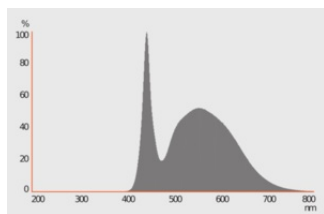
## TECHNICAL DATA

### 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 $\lambda$	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 Daylight
Color temperature	6500 K
Color rendering index Ra	90
Light color	965
Standard deviation of color matching	$\leq 6$ sdc <sub>m</sub>
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



LISO spectral power distribution  
6500K 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 <sup>1)</sup>
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<sup>1)</sup> Check dimmer compatibility at [ledvance.com/compatibility](https://ledvance.com/compatibility)

### Certificates & Standards

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

<sup>1)</sup> 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	0.3123
Chromaticity coordinate y	0.3283
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	642817,1369504,1838221,2190119
Model number	AC35679,AC45980,AC35679,AC55971,AC69374

### 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 6500K CRI90 v1

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**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075611580	Folding box 1	41 mm x 49 mm x 155 mm	49.00 g	0.31 dm <sup>3</sup>
4058075611597	Shipping box 6	144 mm x 111 mm x 131 mm	320.00 g	2.09 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.

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**DISCLAIMER**

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.