

PRODUCT DATASHEET

ST CLAS A 7 300 ° 2.5 W/7500 K E27

LED STAR DÉCOR CLASSIC A | Colored LED lamps, classic bulb shape, with retrofit screw base



Areas of application

- Indoor lighting, terraces, beer gardens and restaurants
- Energy-saving low-maintenance use in marquees and leisure parks
- Garlands of lights
- Outdoor use in outdoor luminaires only (minimum IP65)

Product benefits

- Very low energy consumption
- Extremely long life
- Simple direct replacement for conventional incandescent lamps
- Low thermal output
- Suitable for indoors and outdoors

Product features

- LED lamps for line voltage
- Conventional light bulb shape
- Base: E27
- Not suitable for use with dimmers
- Mercury-free lamps



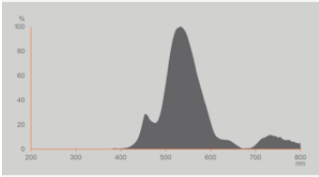
TECHNICAL DATA

Electrical data

Nominal wattage	2.5 W
Construction wattage	2.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	7 W
Nominal current	32 mA
Type of current	AC
Inrush current	1.8 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	250
Max. lamp no. on circuit break. 16 A (B)	400
Power factor λ	> 0.50

Photometrical data

Luminous flux	45 lm
Nominal useful luminous flux 90°	45 lm
Luminous efficacy	18 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Green
Color temperature	7500 K
Color rendering index Ra	≥ 15
Light color	175
Standard deviation of color matching	≤ 6 sdc _m
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.9



Light technical data

Beam angle	300 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	300.00 °

Dimensions & Weight

Overall length	105.00 mm
Diameter	60.00 mm
Maximum diameter	60 mm
Product weight	31.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	60 °C

Lifespan

Lifespan	15000 h
Number of switching cycles	100000
Lumen maintenance at end of serv	0.70
Rated lamp survival factor at 6,000	≥ 0.90

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg
Design / version	Colored

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
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Capabilities

Dimmable	No
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Certificates & Standards

Energy efficiency class	G ¹⁾
Energy consumption	3.00 kWh/1000h
Type of protection	IP20
Standards	CE / 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

ILCOS	DRAA/C-4-827-220-240-E27-55
Order reference	LEDSCLA15 2,5W/

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
Networked standby power for CLS	0.00 W
Claim of equivalent power	Yes
Length	105.00 mm
Height	60.00 mm
Width	60.00 mm

Chromaticity coordinate x	0,273
Chromaticity coordinate y	0,531
R9 Colour rendering index	0.00
Beam angle	SPHERE_360
Survival factor	0.90
Displacement factor	0.40
LED light source replaces a fluorescent light source	not applicable
EPREL ID	523243
Model number	AC32369,AC32369

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075433984	Folding box 1	60 mm x 60 mm x 145 mm	46.00 g	0.52 dm ³
4058075603813	Shipping box 6	202 mm x 134 mm x 120 mm	362.00 g	3.25 dm ³
4058075433991	Shipping box 10	322 mm x 134 mm x 120 mm	585.00 g	5.18 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.

References / Links

- For Guarantee see www.ledvance.com/guarantee
- For further products and actual information concerning LED lamps see www.ledvance.com/ledlamps

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