

## PRODUCT DATASHEET

### ST CLAS A 200 24 W/2700 K E27

LED STAR CLASSIC A | LED lamps, classic bulb shape



#### Areas of application

- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

#### Product benefits

- Low energy consumption
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

#### Product features

- LED alternative to conventional lamps
- Mercury-free lamps



TECHNICAL DATA

Electrical data

Nominal wattage	24 W
Construction wattage	24.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	200 W
Nominal current	200 mA
Type of current	AC
Inrush current	0.36 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	30
Max. lamp no. on circuit break. 16 A (B)	50
Power factor $\lambda$	> 0.50

Photometrical data

Luminous flux	3452 lm
Nominal useful luminous flux 90°	3452 lm
Luminous efficacy	143 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdc <sub>m</sub>
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4



**Light technical data**

Beam angle	320 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	320.00 °

**Dimensions & Weight**

Overall length	162.00 mm
Diameter	95.00 mm
Maximum diameter	95 mm
Product weight	90.00 g

**Temperatures & operating conditions**

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	75 °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	Frosted

**Capabilities**

Dimmable	No
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**Certificates & Standards**

Energy efficiency class	D 1)
Energy consumption	24.00 kWh/1000h

Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG1

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

### Country-specific categorizations

Order reference	LEDSCLA200 24W/
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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	0.0
Networked standby power for CLS	0.0
Claim of equivalent power	Yes
Length	162.00 mm
Height	95.00 mm
Width	95.00 mm
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	0.00
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.70
LED light source replaces a fluorescent light source	No
EPREL ID	692685
Model number	AC35012,AC35012

### DOWNLOAD DATA



DOWNLOAD DATA



IES file (IES)

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075619074	Folding box 1	110 mm x 110 mm x 213 mm	163.00 g	2.58 dm <sup>3</sup>
4058075619081	Shipping box 4	240 mm x 233 mm x 190 mm	787.00 g	10.62 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.

References / Links

- For further products and actual information concerning LED lamps see [www.ledvance.com/ledlamps](http://www.ledvance.com/ledlamps)
- For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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