

# PRODUCT DATASHEET

## ST CLAS P 33 CL 4.5 W/2700 K E14

LED STAR CLASSIC P Mirror Dimmable | LED lamps, classic mini-ball shape with mirror bulb crown



### Areas of application

- Perfect for decorative installations
- Mirror lighting
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

### Product benefits

- Long lifetime of up to 15,000 h
- Low energy consumption
- Easy relamping thanks to compact design
- Instant 100 % light, no warm-up time
- Lamps with innovative LED "filament" technology

### Product features

- Dimmable (with many common dimmers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim))
- Bulb crown coating: gold or silver
- Lamp made of glass
- Good quality of light; color rendering index  $R_a \geq 80$ ; constant chromaticity



## TECHNICAL DATA

### Electrical data

Nominal wattage	4.5 W
Construction wattage	4.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	33 W
Nominal current	20 mA
Type of current	AC
Inrush current	2.8 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	460
Max. lamp no. on circuit break. 16 A (B)	736
Power factor $\lambda$	> 0.40

### Photometrical data

Luminous flux	380 lm
Nominal useful luminous flux 90°	380 lm
Luminous efficacy	84 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 sdcn
Rated LLMF at 6,000 h	0.80

### 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	85.00 mm
Diameter	45.00 mm

Maximum diameter	45 mm
Product weight	17.00 g

### Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	50 °C

### Lifespan

Nominal lamp life time	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)	E14
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Clear
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
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### Certificates & Standards

Energy efficiency class	A++ <sup>1)</sup>
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG0

<sup>1)</sup> Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

### Country-specific categorizations

Order reference	LDSCP33DMIR S4,
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### Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E14
Length	85.00 mm
Height	45.00 mm
Width	45.00 mm

## DOWNLOAD DATA

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ST CLAS P 33 CL 43589 W 2700K E14

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075132931	Folding box 1	46 mm x 46 mm x 93 mm	27.00 g	0.20 dm <sup>3</sup>
4058075132948	Shipping box 10	245 mm x 102 mm x 101 mm	343.00 g	2.52 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.

## DISCLAIMER

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