

PRODUCT FAMILY DATASHEET

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)
- 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

Product description	Nominal wattage	Construction wattage	Nominal voltage	Claimed equiv. conventional lamp power	Nominal current
ST CLAS P 33 CL 4.5 W/2700 K E14	4.5 W	4.50 W	220...240 V	33 W	20 mA

Product description	Type of current	Inrush current	Operating frequency	Mains frequency	Max. lamp no. on circuit break. 10 A (B)
ST CLAS P 33 CL 4.5 W/2700 K E14	AC	2.8 A	50...60 Hz	50...60 Hz	460

Product description	Max. lamp no. on circuit break. 16 A (B)	Power factor λ
ST CLAS P 33 CL 4.5 W/2700 K E14	736	> 0.40

Photometrical data

Product description	Luminous flux	Nominal useful luminous flux 90°	Luminous efficacy	Lumen main.fact.at end of nom.life time	Light color (designation)
ST CLAS P 33 CL 4.5 W/2700 K E14	380 lm	380 lm	84 lm/W	0.70	Warm White

Product description	Color temperature	Color rendering index Ra	Light color	Standard deviation of color matching	Rated LLMF at 6,000 h
ST CLAS P 33 CL 4.5 W/2700 K E14	2700 K	≥ 80	827	≤ 6 sdc _m	0.80

Light technical data

Product description	Beam angle	Warm-up time (60 %)	Starting time	Rated beam angle (half peak value)
ST CLAS P 33 CL 4.5 W/2700 K E14	320 °	< 0.50 s	< 0.5 s	320.00 °

Dimensions & Weight

Product description	Overall length	Diameter	Maximum diameter	Product weight
ST CLAS P 33 CL 4.5 W/2700 K E14	85.00 mm	45.00 mm	45 mm	17.00 g

Temperatures & operating conditions

Product description	Ambient temperature range	Maximum temperature at tc test point
ST CLAS P 33 CL 4.5 W/2700 K E14	-20...+40 °C	50 °C

Lifespan

Product description	Nominal lamp life time	Number of switching cycles	Lumen maintenance at end of serv	Rated lamp survival factor at 6,000
ST CLAS P 33 CL 4.5 W/2700 K E14	15000 h	100000	0.70	≥ 0.90

Additional product data

Product description	Base (standard designation)	Mercury content	Mercury-free	Design / version	Product remark
ST CLAS P 33 CL 4.5 W/2700 K E14	E14	0.0 mg	Yes	Clear	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

Product description	Dimmable
ST CLAS P 33 CL 4.5 W/2700 K E14	Yes

Certificates & Standards

Product description	Energy efficiency class	Energy consumption	Type of protection	Standards	Photobiological safety group acc. to EN62778
ST CLAS P 33 CL 4.5 W/2700 K E14	A++ ¹⁾	5.00 kWh/1000h	IP20	CE	RG0

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

Energy labelling regulation data acc EU 2019/2015

Product description	Light source cap-type (or other electric interface)	Length	Height	Width
ST CLAS P 33 CL 4.5 W/2700 K E14	E14	85.00 mm	45.00 mm	45.00 mm

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.


SALES AND TECHNICAL SUPPORT

Sales and Technical Support www.ledvance.com

COUNTRY SPECIFIC INFORMATION

Product description	Product code	METEL-Code	SEG number	STK number	UK Org
ST CLAS P 33 CL 4.5 W/2700 K E14	4058075132931	-	-	-	-

DOWNLOAD DATA

DOWNLOAD DATA	
	PRODUCT DATASHEET 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 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.

DISCLAIMER

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

