

PRODUCT DATASHEET SST CLAS P 25 2.8 W/2700 K E14

LED Retrofit CLASSIC P DIM | Dimmable LED lamps, classic bulb shape



Areas of application

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Lamps with innovative LED "filament" technology
- Very low energy consumption
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Design, dimensions, luminous flux comparable to an incandescent lamp

Product features

- LED lamps for line voltage
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Beam angle: up to 300°
- Lifetime: up to 15,000 h
- Lamp made of glass



- Good quality of light; color rendering index R_a : \geq 80; constant chromaticity

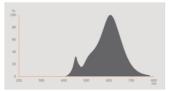
TECHNICAL DATA

Electrical data

Nominal wattage	2.8 W
Construction wattage	2.80 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	25 W
Nominal current	13 mA
Type of current	AC
Inrush current	0.08 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp no. on circuit break. 10 A (B)	200
Max. lamp no. on circuit break. 16 A (B)	350
Power factor λ	> 0.50

Photometrical data

Luminous flux	250 lm
Nominal useful luminous flux 90°	250 lm
Luminous efficacy	89 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 К
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcm
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	78.00 mm
Diameter	45,0 mm
Maximum diameter	45 mm
Product weight	13.00 g

Temperatures & operating conditions

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

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)	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
Certificates & Standards	
Energy efficiency class	F ¹⁾
Energy consumption	3.00 kWh/1000h

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

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

Country-specific categorizations

Order reference	LEDSCLP25D 2,8W
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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)	E14	
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 W	
Claim of equivalent power	Yes	
Length	78.00 mm	
Height	45,0 mm	
Width	45,0 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	0,50	
LED light source replaces a fluorescent light source	No	
EPREL ID	1403352,523149	
Model number	AC32319,AC24261	

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Declarations Of Conformity CE

LOGISTICAL DATA

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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075436862	Folding box 1	46 mm x 49 mm x 130 mm	25.00 g	0.29 dm ³
4058075436879	Shipping box 10	251 mm x 111 mm x 106 mm	340.00 g	2.95 dm ³
4058075611214	Shipping box 6	159 mm x 111 mm x 106 mm	215.00 g	1.87 dm³

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.