

# PRODUCT DATASHEET ST CLAS B 25 2.5 W/4000 K E14

LED Retrofit CLASSIC B | LED lamps, classic mini-candle 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
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Lower thermal output (compared with the standard reference product)
- Can be easily fitted instead of ordinary light bulbs

#### **Product features**

- Professional LED lamps for line voltage
- Not dimmable
- Good quality of light; color rendering index  $R_a$ :  $\geq$  80; constant chromaticity





- Lifetime: up to 15,000 h
- Lamp made of glass

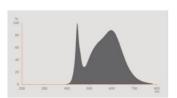
## **TECHNICAL DATA**

## Electrical data

Nominal wattage	2.5 W
Construction wattage	2.50 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	25 W
Nominal current	19 mA
Type of current	AC
Inrush current	1.8 A
Operating frequency	5060 Hz
Mains frequency	5060 Hz
Max. lamp no. on circuit break. 10 A (B)	250
Max. lamp no. on circuit break. 16 A (B)	400
Power factor $\lambda$	> 0.50

#### Photometrical data

Luminous flux	250 lm
Nominal useful luminous flux 90°	250 lm
Luminous efficacy	100 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
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)	0.9



# 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	100.00 mm
Diameter	35.00 mm
Maximum diameter	35 mm
Product weight	16.00 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)	E14	
Mercury content	0.0 mg	
Mercury-free	Yes	
Design / version	Frosted	
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
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# Certificates & Standards

Energy efficiency class	F <sup>1)</sup>
Energy consumption	3.00 kWh/1000h

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

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

## **Country-specific categorizations**

Order reference	LEDSCLB25 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)	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 W	
Networked standby power for CLS	0 W	
Claim of equivalent power	Yes	
Length	100.00 mm	
Height	35.00 mm	
Width	35.00 mm	
Chromaticity coordinate x	0.380	
Chromaticity coordinate y	0.380	
R9 Colour rendering index	0.00	
Beam angle correspondence	SPHERE_360	
Survival factor	0.90	
Displacement factor	0.40	
LED light source replaces a fluorescent light source	No	
EPREL ID	1402970,523057	
Model number	AC32447,AC17493	

## **DOWNLOAD DATA**

#### DOWNLOAD DATA



Declarations Of Conformity CE

#### **LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075436466	Folding box 1	36 mm x 49 mm x 145 mm	28.00 g	0.26 dm <sup>3</sup>
4058075604223	Shipping box 6	129 mm x 111 mm x 120 mm	223.00 g	1.72 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.