

## PRODUCT DATASHEET

### ST CLAS B 25 2.5 W/2700 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

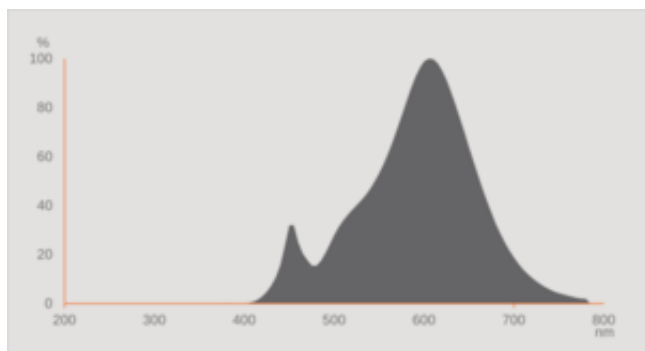
### Electrical data

Nominal wattage	2.5 W
Construction wattage	2.50 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	25 W
Nominal current	19 mA
Type of current	AC
Inrush current	1.8 A
Operating frequency	50...60 Hz
Mains frequency	50...60 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

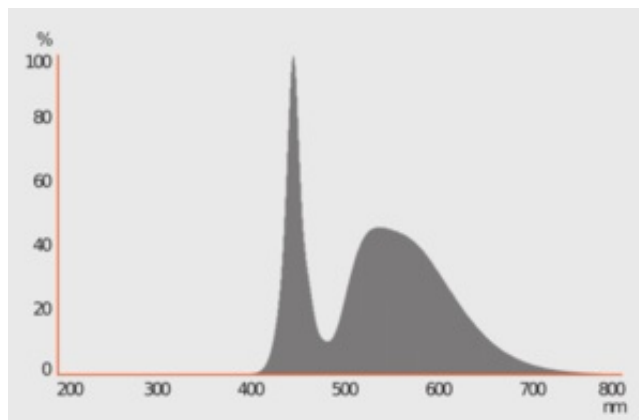
### Photometrical data

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)	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)	0.9





Spectral power distribution



Spectral power distribution

**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	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	No
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### 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	RG0

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

### Country-specific categorizations

Order reference	LEDSCLB25 2,5W/
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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
Claim of equivalent power	Yes
Length	100.00 mm



Height	35.00 mm
Width	35.00 mm
Chromaticity coordinate x	0.463
Chromaticity coordinate y	0.420
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.40
LED light source replaces a fluorescent light source	No

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
4058075330498	Folding box 2	36 mm x 71 mm x 145 mm	46.00 g	0.37 dm <sup>3</sup>
4058075436688	Folding box 1	36 mm x 49 mm x 145 mm	28.00 g	0.26 dm <sup>3</sup>
4052899936416	Blister 1	42 mm x 140 mm x 120 mm	31.00 g	0.71 dm <sup>3</sup>
4052899415355	Blister 2	41 mm x 140 mm x 185 mm	60.00 g	1.06 dm <sup>3</sup>
4058075604803	Shipping box 6	129 mm x 111 mm x 120 mm	223.00 g	1.72 dm <sup>3</sup>
4058075330504	Shipping box 10	199 mm x 81 mm x 118 mm	251.00 g	1.90 dm <sup>3</sup>
4058075605671	Shipping box 6	128 mm x 82 mm x 120 mm	160.00 g	1.26 dm <sup>3</sup>
4058075555457	Shipping box 6	129 mm x 111 mm x 120 mm	224.00 g	1.72 dm <sup>3</sup>
4058075436695	Shipping box 10	201 mm x 111 mm x 120 mm	353.00 g	2.68 dm <sup>3</sup>
4052899936485	Shipping box 6	262 mm x 153 mm x 132 mm	275.00 g	5.29 dm <sup>3</sup>
4052899415362	Shipping box 12	262 mm x 153 mm x 201 mm	436.00 g	8.06 dm <sup>3</sup>



Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899936553	0			

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.

