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

LED Retrofit CLASSIC B | LED lamps, classic mini-candle shape

AREAS OF APPLICATION

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

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
– Mercury-free lamps
– Good quality of light; color rendering index $R_a : \geq 80$; constant chromaticity
– Lifetime: up to 15,000 h

TECHNICAL DATA

Electrical data

Rated wattage	2.50 W
Nominal wattage	2.50 W
Nominal voltage	220...240 V
Max. lamp no. on circuit break. 10 A (B)	263
Max. lamp no. on circuit break. 16 A (B)	421
Operating frequency	50...60 Hz
Power factor λ	> 0.40
Claimed equiv. conventional lamp power	25 W

Photometrical data

Nominal luminous flux	250 lm
Rated luminous flux	250 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Luminous flux	250 lm
Color rendering index Ra	≥80
Standard deviation of color matching	≤6 sdcm
Rated color temperature	4000 K

Light technical data

Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

Dimensions & weight
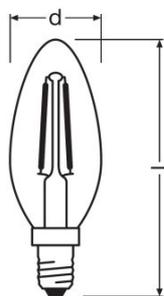
Overall length	100.0 mm
Diameter	35.0 mm

Outer bulb	B35
Length	100.0 mm

Temperatures & operating conditions

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

Lifespan

Nominal lamp life time	15000 h
Rated lamp life time	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service life	0.70

Additional product data

Base (standard designation)	E14
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Clear
Show WEEE picto	Yes
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

Certificates & standards

Energy efficiency class	A++
Energy consumption	3 kWh/1000h

Country-specific categorizations

Order reference	LEDSCLB25 2,5W/

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075107922	Blister 1	42 mm x 140 mm x 120 mm	31.00 g	0.71 dm³
4058075107939	Shipping carton box 6	262 mm x 153 mm x 136 mm	310.00 g	5.45 dm³

4058075114753	Blister 2	41 mm x 140 mm x 185 mm	56.00 g	1.06 dm³
4058075114760	Shipping carton box 12	262 mm x 153 mm x 201 mm	490.00 g	8.06 dm³
4058075434141	Folding carton box 1	36 mm x 49 mm x 145 mm	28.00 g	0.26 dm³
4058075434158	Shipping carton box 10	201 mm x 111 mm x 120 mm	353.00 g	2.68 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.

—