

# PRODUCT DATASHEET

## ST CLAS B 40 FIL 4.5 W/2700K E14

LED Retrofit CLASSIC B DIM | Dimmable LED lamps, classic bulb 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
- 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](http://www.ledvance.com/dim))
- Mercury-free lamps
- Beam angle: up to 300°
- Lifetime: up to 15,000 h
- Energy efficiency class: A++



## TECHNICAL DATA

### Electrical data

Rated wattage	4.50 W
Nominal wattage	4.50 W
Nominal voltage	220...240 V
Max. lamp no. on circuit break. 10 A (B)	460
Max. lamp no. on circuit break. 16 A (B)	736
Operating frequency	50...60 Hz
Power factor $\lambda$	> 0.70
Claimed equiv. conventional lamp power	40 W

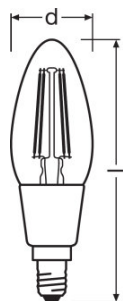
### Photometrical data

Nominal luminous flux	470 lm
Rated luminous flux	470 lm
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Luminous flux	470 lm
Color rendering index Ra	≥80
Standard deviation of color matching	≤6 sdcn
Rated color temperature	2700 K

### Light technical data

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

### Dimensions & weight



Overall length	97.0 mm
Diameter	35.0 mm

<b>Outer bulb</b>	B35
<b>Length</b>	97.0 mm

## Temperatures &amp; operating conditions

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

## Lifespan

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

## Additional product data

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

<b>Dimmable</b>	Yes
-----------------	-----

## Certificates &amp; standards

<b>Energy efficiency class</b>	A++
<b>Energy consumption</b>	5 kWh/1000h

## Country-specific categorizations

<b>ILCOS</b>	DRBB/C-4,5/827-220/240-E14-35
<b>Order reference</b>	LEDSCLB40D 4,5W

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4052899961814	Blister 1	42 mm x 140 mm x 120 mm	28.00 g	0.71 dm <sup>3</sup>

4052899962309	Shipping carton box 6	262 mm x 153 mm x 136 mm	284.00 g	5.45 dm <sup>3</sup>
---------------	--------------------------	--------------------------	----------	----------------------

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.