

## PRODUCT DATASHEET

### ST CLAS B 40 FIL 5 W/2700 K E14

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



#### Areas of application

- Perfect for decorative installations
- Decorative 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](http://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	5 W
Construction wattage	5.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	25 mA
Type of current	AC
Inrush current	2.8 A
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Max. lamp no. on circuit break. 10 A (B)	460
Max. lamp no. on circuit break. 16 A (B)	736
Power factor $\lambda$	> 0.70

### Photometrical data

Luminous flux	470 lm
Nominal useful luminous flux 90°	470 lm
Luminous efficacy	94 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

### 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	97.00 mm
Diameter	35.00 mm

Maximum diameter	35 mm
Product weight	13.00 g

### Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	50 °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	Yes
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### Certificates & Standards

Energy efficiency class	F <sup>1)</sup>
Energy consumption	5.00 kWh/1000h
Type of protection	IP20
Standards	CE
Photobiological safety group acc. to EN62778	RG0

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


### Country-specific categorizations

ILCOS	DRBB/C-4,5/827-220/240-E14-35
Order reference	LEDSCLB40D 5W/8

## Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E14
Correlated colour temperature type	SINGLE_VALUE
Length	97.00 mm
Height	35.00 mm
Width	35.00 mm
EPREL ID	1403369
Model number	AC24282

## DOWNLOAD DATA

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## 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 box 6	262 mm x 153 mm x 132 mm	310.00 g	5.29 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

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