

PRODUCT FAMILY DATASHEET

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 outdoor luminaires only (minimum IP65)

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)
- 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

Product description	Electrical data				Photometrical data				
	Nominal wattage	Nominal voltage	Max. lamp no. on circuit break. 10 A (B)	Max. lamp no. on circuit break. 16 A (B)	Lumen main.fact.at end of nom.life time	Light color (designation)	Color temperature	Luminous flux	Color rendering index Ra
SST CLAS B 25 2.8 W/2700K E14 ¹⁾	2.80 W	220...240 V	200	350	0.70	Warm White	2700 K	250 lm	≥80
SST CLAS B 25 2.8 W/2700K E14 ¹⁾	2.80 W	220...240 V	696	1115	0.70	Warm White	2700 K	250 lm	≥80
SST CLAS B 25 2.8 W/2700K E14 ¹⁾	2.80 W	220...240 V	200	350	0.70	Warm White	2700 K	250 lm	≥80
ST CLAS B 40 FIL 5 W/2700K E14 ²⁾	5.00 W	220...240 V	460	736	0.70	Warm White	2700 K	470 lm	≥80
ST CLAS B 40 5 W/2700K E14 ²⁾	5.00 W	220...240 V	100	150	0.70	Warm White	2700 K	470 lm	≥80
ST CLAS B 40 5 W/2700K E14 ²⁾	5.00 W	220...240 V	100	150	0.70	Warm White	2700 K	470 lm	≥80
SST CLAS B 40 5 W/2700K B22d ³⁾	5.00 W	220...240 V	460	736	0.70	Warm White	2700 K	470 lm	≥80
SST CLAS B 40 5 W/2700K E27 ³⁾	5.00 W	220...240 V	460	736	0.70	Warm White	2700 K	470 lm	≥80
SST CLAS B 40 5 W/2700K B22d ³⁾	5.00 W	220...240 V	100	150	0.70	Warm White	2700 K	470 lm	≥80
SST CLAS B 40 5 W/2700K E27 ³⁾	5.00 W	220...240 V	100	150	0.70	Warm White	2700 K	470 lm	≥80
SST CLAS B 40 5 W/2700K E27 ³⁾	5.00 W	220...240 V	100	150	0.70	Warm White	2700 K	470 lm	≥80
SST CLAS B 40 5 W/4000K E14 ³⁾	5.00 W	220...240 V	100	150	0.70	Cool White	4000 K	470 lm	≥80
SST CLAS B 40 5 W/4000K E14 ³⁾	5.00 W	220...240 V	460	736	0.70	Cool White	4000 K	470 lm	≥80
SST CLAS B 40 5 W/2700K E27 ³⁾	5.00 W	220...240 V	100	150	0.70	Warm White	2700 K	470 lm	≥80
ST CLAS B 60 6.5 W/2700K E14 ²⁾	6.50 W	220...240 V	589	943	0.70	Warm White	2700 K	806 lm	≥80
ST CLAS B 60 6.5 W/2700K E14 ²⁾	6.50 W	220...240 V	85	130	0.70	Warm White	2700 K	806 lm	≥80

Product description	Light technical data		Dimensions & weight	Temperatures & operating conditions	Lifespan		Additional product data	
	Warm-up time (60 %)	Starting time	Overall length	Ambient temperature range	Nominal lamp life time	Number of switching cycles	Base (standard designation)	Mercury-free
SST CLAS B 25 2.8 W/2700K E14 ¹⁾	< 0.50 s	< 0.5 s	97.0 mm	-20...+40 °C	15000 h	100000	E14	Yes
SST CLAS B 25 2.8 W/2700K E14 ¹⁾	< 0.50 s	< 0.5 s	97.0 mm	-20...+40 °C	15000 h	100000	E14	Yes
SST CLAS B 25 2.8 W/2700K E14 ¹⁾	< 0.50 s	< 0.5 s	97.0 mm	-20...+40 °C	15000 h	100000	E14	Yes
ST CLAS B 40 FIL 5 W/2700K E14 ²⁾	< 0.50 s	< 0.5 s	97.0 mm	-20...+40 °C	15000 h	100000	E14	Yes
ST CLAS B 40 5 W/2700K E14 ²⁾	< 0.50 s	< 0.5 s	97.0 mm	-20...+40 °C	15000 h	100000	E14	Yes
ST CLAS B 40 5 W/2700K E14 ²⁾	< 0.50 s	< 0.5 s	97.0 mm	-20...+40 °C	15000 h	100000	E14	Yes

Product description	Light technical data		Dimensions & weight	Temperatures & operating conditions	Lifespan		Additional product data	
	Warm-up time (60 %)	Starting time	Overall length	Ambient temperature range	Nominal lamp life time	Number of switching cycles	Base (standard designation)	Mercury-free
SST CLAS B 40 5 W/2700K B22d ³⁾	< 0.50 s	< 0.5 s	94.0 mm	-20...+40 °C	15000 h	100000	B22d	Yes
SST CLAS B 40 5 W/2700K E27 ³⁾	< 0.50 s	< 0.5 s	95.0 mm	-20...+40 °C	15000 h	100000	E27	Yes
SST CLAS B 40 5 W/2700K B22d ³⁾	< 0.50 s	< 0.5 s	94.0 mm	-20...+40 °C	15000 h	100000	B22d	Yes
SST CLAS B 40 5 W/2700K E27 ³⁾	< 0.50 s	< 0.5 s	95.0 mm	-20...+40 °C	15000 h	100000	E27	Yes
SST CLAS B 40 5 W/2700K E27 ³⁾	< 0.50 s	< 0.5 s	95.0 mm	-20...+40 °C	15000 h	100000	E27	Yes
SST CLAS B 40 5 W/4000K E14 ³⁾	< 0.50 s	< 0.5 s	97.0 mm	-20...+40 °C	15000 h	100000	E14	Yes
SST CLAS B 40 5 W/4000K E14 ³⁾	< 0.50 s	< 0.5 s	97.0 mm	-20...+40 °C	15000 h	100000	E14	Yes
SST CLAS B 40 5 W/2700K E27 ³⁾	< 0.50 s	< 0.5 s	95.0 mm	-20...+40 °C	15000 h	100000	E27	Yes
ST CLAS B 60 6.5 W/2700K E14 ²⁾	< 0.50 s	< 0.5 s	97.0 mm	-20...+40 °C	15000 h	100000	E14	Yes
ST CLAS B 60 6.5 W/2700K E14 ²⁾	< 0.50 s	< 0.5 s	97.0 mm	-20...+40 °C	15000 h	100000	E14	Yes

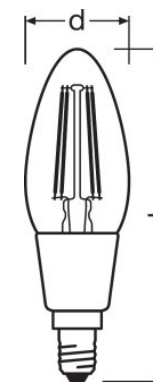
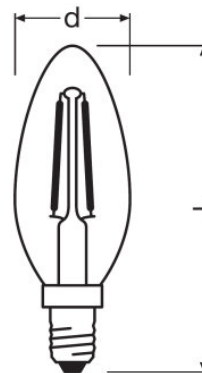
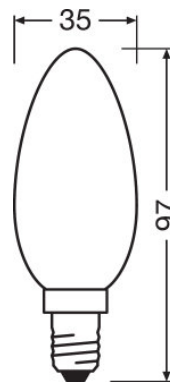
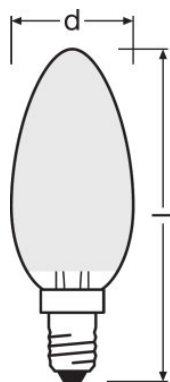
Product description	Capabilities	Certificates & standards		Country-specific categorizations
	Dimmable	Energy efficiency class	Energy consumption	ILCOS
SST CLAS B 25 2.8 W/2700K E14 ¹⁾	Yes	A++	3 kWh/1000h	
SST CLAS B 25 2.8 W/2700K E14 ¹⁾	Yes	A++	3 kWh/1000h	DRBB/F-3,2-827-220-240-E14-25
SST CLAS B 25 2.8 W/2700K E14 ¹⁾	Yes	A++	3 kWh/1000h	
ST CLAS B 40 FIL 5 W/2700K E14 ²⁾	Yes	A+	5 kWh/1000h	DRBB/C-4,5/827-220/240-E14-35
ST CLAS B 40 5 W/2700K E14 ²⁾	Yes	A+	5 kWh/1000h	
ST CLAS B 40 5 W/2700K E14 ²⁾	Yes	A+	5 kWh/1000h	
SST CLAS B 40 5 W/2700K B22d ³⁾	Yes	A+	5 kWh/1000h	DRBB/F-4,5-827-220-240-B22d-35
SST CLAS B 40 5 W/2700K E27 ³⁾	Yes	A+	5 kWh/1000h	
SST CLAS B 40 5 W/2700K B22d ³⁾	Yes	A+	5 kWh/1000h	
SST CLAS B 40 5 W/2700K E27 ³⁾	Yes	A+	5 kWh/1000h	
SST CLAS B 40 5 W/2700K E27 ³⁾	Yes	A+	5 kWh/1000h	
SST CLAS B 40 5 W/4000K E14 ³⁾	Yes	A+	5 kWh/1000h	
SST CLAS B 40 5 W/4000K E14 ³⁾	Yes	A+	5 kWh/1000h	
SST CLAS B 40 5 W/2700K E27 ³⁾	Yes	A+	5 kWh/1000h	
ST CLAS B 60 6.5 W/2700K E14 ²⁾	Yes	A++	7 kWh/1000h	DRBB/F-5/827-220-240-E14-35

Product description	Capabilities	Certificates & standards		Country-specific categorizations
	Dimmable	Energy efficiency class	Energy consumption	ILCOS
ST CLAS B 60 6.5 W/2700K E14 ²⁾	Yes	A++	7 kWh/1000h	

¹⁾ 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/LED lamps contain several electronic components. Under unfavourable conditions these can lead to acoustic noise. In case of resonance even low noise can cause audible effect. Possible factors influencing this are the installation, the design of the lamp holder and the luminaire (acoustic resonance effect) as well as the dimmer or the transformer (harmonics or electronic resonance)

²⁾ 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

³⁾ 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/In preparation

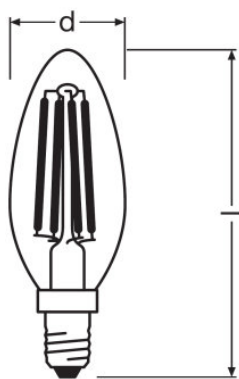


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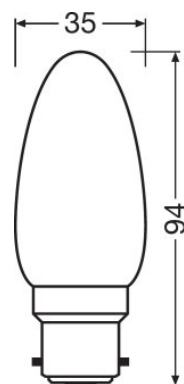
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SST CLAS B 25 2.8 W/2700K E14

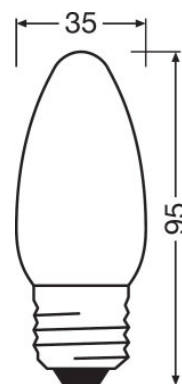
ST CLAS B 40 FIL 5 W/2700K E14



ST CLAS B 40 5 W/2700K E14, SST CLAS B 40 5 W/4000K E14, SST CLAS B 40 5 W/4000K E14



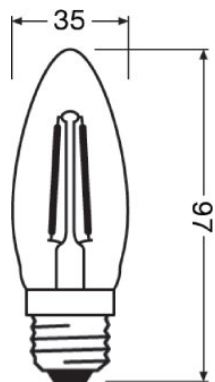
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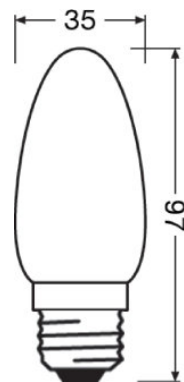
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SST CLAS B 40 5 W/2700K B22d



SST CLAS B 40 5 W/2700K E27, SST CLAS B 40 5 W/2700K E27



SST CLAS B 40 5 W/2700K E27

APPLICATION ADVICE

For more detailed application information and graphics please see product datasheet.

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075437012	Shipping carton box 10	201 mm x 111 mm x 120 mm	323.00 g	2.68 dm ³
4058075051874	Shipping carton box 6	262 mm x 153 mm x 132 mm	318.00 g	5.29 dm ³
4058075054370	Shipping carton box 10	215 mm x 90 mm x 118 mm	283.00 g	2.28 dm ³
4058075107519	Shipping carton box 6	262 mm x 153 mm x 132 mm	292.00 g	5.29 dm ³
4058075436831	Shipping carton box 10	201 mm x 111 mm x 120 mm	323.00 g	2.68 dm ³
4052899962309	Shipping carton box 6	262 mm x 153 mm x 132 mm	310.00 g	5.29 dm ³
4058075437050	Shipping carton box 10	201 mm x 111 mm x 120 mm	318.00 g	2.68 dm ³
4052899959613	Shipping carton box 6	262 mm x 153 mm x 132 mm	326.00 g	5.29 dm ³
4058075436992	Shipping carton box 10	201 mm x 111 mm x 120 mm	313.00 g	2.68 dm ³
4058075810303	Shipping carton box 6	262 mm x 153 mm x 132 mm	321.00 g	5.29 dm ³
4058075107656	Shipping carton box 6	262 mm x 153 mm x 132 mm	340.00 g	5.29 dm ³
4058075434516	Shipping carton box 10	201 mm x 111 mm x 120 mm	383.00 g	2.68 dm ³
4058075107670	Shipping carton box 6	262 mm x 153 mm x 132 mm	325.00 g	5.29 dm ³

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075446885	Shipping carton box 10	201 mm x 111 mm x 120 mm	383.00 g	2.68 dm ³
4058075434950	Shipping carton box 10	201 mm x 111 mm x 120 mm	313.00 g	2.68 dm ³
4058075107854	Shipping carton box 6	262 mm x 153 mm x 132 mm	312.00 g	5.29 dm ³
4058075435032	Shipping carton box 10	201 mm x 111 mm x 120 mm	383.00 g	2.68 dm ³
4058075235274	Shipping carton box 10	215 mm x 90 mm x 118 mm	299.00 g	2.28 dm ³
4058075811409	Shipping carton box 6	262 mm x 153 mm x 132 mm	332.00 g	5.29 dm ³
4058075434493	Shipping carton box 10	262 mm x 153 mm x 136 mm	285.00 g	5.45 dm ³

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.