

PRODUCT FAMILY DATASHEET

LED Retrofit CLASSIC A 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
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lower thermal output (compared with the standard reference product)
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Mercury-free lamps
- Beam angle: up to 300°
- Lifetime: up to 15,000 h



TECHNICAL DATA

Product description	Electrical data		Photometrical data						Light technical data		Dimensions & weight
	Nominal wattage	Nominal voltage	Color temperature	Lumen main.fact.at end of nom.life time	Light color (designation)	Color temperature	Luminous flux	Color rendering index Ra	Warm-up time (60 %)	Starting time	Overall length
ST CLAS A 25 3.3 W/2700 K E27 ¹⁾	3.30 W	220...240 V	2700 K	0.70	Warm White	2700 K	250 lm	≥80	< 0.50 s	< 0.5 s	105.0 mm
SST CLAS A 25 FR 3.3 W/2700 K E27 ¹⁾	3.30 W	220...240 V	2700 K	0.70	Warm White	2700 K	250 lm	≥80	< 0.50 s	< 0.5 s	105.0 mm
SST CLAS A 40 CL 5 W/2700 K E27 ²⁾	5.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	470 lm	≥80	< 0.50 s	< 0.5 s	105.0 mm
SST CLAS A 40 FR 5 W/2700 K E27 ²⁾	5.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	470 lm	≥80	< 0.50 s	< 0.5 s	105.0 mm
SST CLAS A 40 FR 5 W/4000 K E27 ²⁾	5.00 W	220...240 V	4000 K	0.70	Cool White	4000 K	470 lm	≥80	< 0.50 s	< 0.5 s	105.0 mm
ST CLAS A 60 FR 7.5 W/2700 K E27 ¹⁾	7.50 W	220...240 V	2700 K	0.70	Warm White	2700 K	806 lm	≥80	< 0.50 s	< 0.5 s	105.0 mm
ST CLAS A 60 FIL 7.5 W/2700 K E27 ¹⁾	7.50 W	220...240 V	2700 K	0.70	Warm White	2700 K	806 lm	≥80	< 0.50 s	< 0.5 s	105.0 mm
SST CLAS A 60 FR 7.5 W/4000 K E27 ²⁾	7.50 W	220...240 V	4000 K	0.70	Cool White	4000 K	806 lm	≥80	< 0.50 s	< 0.5 s	105.0 mm
SST CLAS A 60 7.5 W/2700 K B22d ²⁾	7.50 W	220...240 V	2700 K	0.70	Warm White	2700 K	806 lm	≥80	< 0.50 s	< 0.5 s	104.0 mm
SST CLAS A 60 FIL 7.5 W/2700 K E27 ²⁾	7.50 W	220...240 V	2700 K	0.70	Warm White	2700 K	806 lm	≥80	< 0.50 s	< 0.5 s	105.0 mm
SST CLAS A 60 7.5 W/2700 K B22d ²⁾	7.50 W	220...240 V	2700 K	0.70	Warm White	2700 K	806 lm	≥80	< 0.50 s	< 0.5 s	104.0 mm
SST CLAS A 75 FIL 8.5 W/2700 K E27 ²⁾	8.50 W	220...240 V	2700 K	0.70	Warm White	2700 K	1055 lm	≥80	< 0.50 s	< 0.5 s	105.0 mm
SST CLAS A 75 FR 8.5 W/2700 K E27 ²⁾	8.50 W	220...240 V	2700 K	0.70	Warm White	2700 K	1055 lm	≥80	< 0.50 s	< 0.5 s	105.0 mm
SST CLAS A 75 FR 8.5 W/2700 K B22d ²⁾	8.50 W	220...240 V	2700 K	0.70	Warm White	2700 K	1055 lm	≥80	< 0.50 s	< 0.5 s	104.0 mm
SST CLAS A 75 8.5 W/4000 K E27 ²⁾	8.50 W	220...240 V	4000 K	0.70	Warm White	4000 K	1055 lm	≥80	< 0.50 s	< 0.5 s	105.0 mm
SST CLAS A 75 CL 8.5 W/4000 K E27 ²⁾	8.50 W	220...240 V	4000 K	0.70	Warm White	4000 K	1055 lm	≥80	< 0.50 s	< 0.5 s	105.0 mm
SST CLAS A 100 12 W/2700 K E27 ¹⁾	12.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	1521 lm	≥80	< 0.50 s	< 0.5 s	133.0 mm
SST CLAS A 100 12 W/2700 K E27 ¹⁾	12.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	1521 lm	≥80	< 0.50 s	< 0.5 s	133.0 mm
SST CLAS A 100 12 W/2700 K B22d ¹⁾	12.00 W	220...240 V	2700 K	0.70	Warm White	2700 K	1521 lm	≥80	< 0.50 s	< 0.5 s	133.0 mm
SST CLAS A 100 12 W/4000 K E27 ¹⁾	12.00 W	220...240 V	4000 K	0.70	Cool White	4000 K	1521 lm	≥80	< 0.50 s	< 0.5 s	133.0 mm
SST CLAS A 100 12 W/4000 K E27 ¹⁾	12.00 W	220...240 V	4000 K	0.70	Cool White	4000 K	1521 lm	≥80	< 0.50 s	< 0.5 s	133.0 mm

Product description	Temperatures & operating conditions	Lifespan		Additional product data		Capabilities	Certificates & standards	
	Maximum temperature at tc test point	Nominal lamp life time	Number of switching cycles	Base (standard designation)	Mercury-free	Dimmable	Energy efficiency class	Energy efficiency class
ST CLAS A 25 3.3 W/2700 K E27 ¹⁾	50 °C	15000 h	100000	E27	Yes	Yes	A+	A+
SST CLAS A 25 FR 3.3 W/2700 K E27 ¹⁾	50 °C	15000 h	100000	E27	Yes	Yes	A+	A+
SST CLAS A 40 CL 5 W/2700 K E27 ²⁾	53 °C	15000 h	100000	E27	Yes	Yes	A+	A+
SST CLAS A 40 FR 5 W/2700 K E27 ²⁾	53 °C	15000 h	100000	E27	Yes	Yes	A+	A+
SST CLAS A 40 FR 5 W/4000 K E27 ²⁾	50 °C	15000 h	100000	E27	Yes	Yes	A+	A+
ST CLAS A 60 FR 7.5 W/2700 K E27 ¹⁾	60 °C	15000 h	100000	E27	Yes	Yes	A+	A+
ST CLAS A 60 FIL 7.5 W/2700 K E27 ¹⁾	60 °C	15000 h	100000	E27	Yes	Yes	A+	A+
SST CLAS A 60 FR 7.5 W/4000 K E27 ²⁾	60 °C	15000 h	100000	E27	Yes	Yes	A+	A+
SST CLAS A 60 7.5 W/2700 K B22d ²⁾	65 °C	15000 h	100000	B22d	Yes	Yes	A+	A+
SST CLAS A 60 FIL 7.5 W/2700 K E27 ²⁾	60 °C	15000 h	100000	E27	Yes	Yes	A+	A+
SST CLAS A 60 7.5 W/2700 K B22d ²⁾	50 °C	15000 h	100000	B22d	Yes	Yes	A+	A+
SST CLAS A 75 FIL 8.5 W/2700 K E27 ²⁾	58 °C	15000 h	100000	E27	Yes	Yes	A++	A++
SST CLAS A 75 FR 8.5 W/2700 K E27 ²⁾	58 °C	15000 h	100000	E27	Yes	Yes	A++	A++
SST CLAS A 75 FR 8.5 W/2700 K B22d ²⁾	50 °C	15000 h	100000	B22d	Yes	Yes	A++	A++
SST CLAS A 75 8.5 W/4000 K E27 ²⁾	50 °C	15000 h	100000	E27	Yes	Yes	A++	A++
SST CLAS A 75 CL 8.5 W/4000 K E27 ²⁾	50 °C	15000 h	100000	E27	Yes	Yes	A++	A++
SST CLAS A 100 12 W/2700 K E27 ¹⁾	55 °C	15000 h	100000	E27	Yes	Yes	A++	A++
SST CLAS A 100 12 W/2700 K E27 ¹⁾	55 °C	15000 h	100000	E27	Yes	Yes	A++	A++
SST CLAS A 100 12 W/2700 K B22d ¹⁾	55 °C	15000 h	100000	B22d	Yes	Yes	A++	A++
SST CLAS A 100 12 W/4000 K E27 ¹⁾	55 °C	15000 h	100000	E27	Yes	Yes	A++	A++
SST CLAS A 100 12 W/4000 K E27 ¹⁾	55 °C	15000 h	100000	E27	Yes	Yes	A++	A++

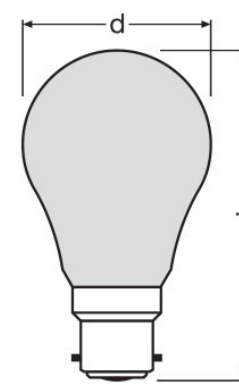
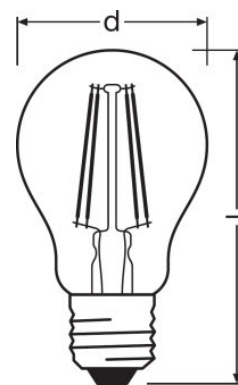
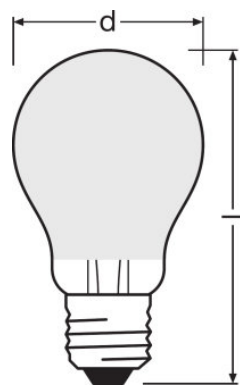
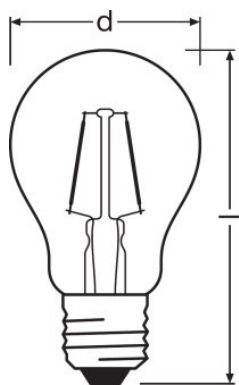
Country-specific categorizations

Product description	Energy consumption	ILCOS
ST CLAS A 25 3.3 W/2700 K E27 ¹⁾	4 kWh/1000h	

Product description	Energy consumption	Country-specific categorizations
		ILCOS
SST CLAS A 25 FR 3.3 W/2700 K E27 ¹⁾	4 kWh/1000h	
SST CLAS A 40 CL 5 W/2700 K E27 ²⁾	5 kWh/1000h	DRAA/C-4,5/827-220/240-E27-60
SST CLAS A 40 FR 5 W/2700 K E27 ²⁾	5 kWh/1000h	DRAA/F-5/827-220-240-E27-60
SST CLAS A 40 FR 5 W/4000 K E27 ²⁾	5 kWh/1000h	
ST CLAS A 60 FR 7.5 W/2700 K E27 ¹⁾	8 kWh/1000h	DRAA/F-8/827-220-240-E27-60
ST CLAS A 60 FIL 7.5 W/2700 K E27 ¹⁾	8 kWh/1000h	DRAA/C-7/827-220/240-E27-60
SST CLAS A 60 FR 7.5 W/4000 K E27 ²⁾	8 kWh/1000h	DRAA/F-6,5-840-220-240-E27-60
SST CLAS A 60 7.5 W/2700 K B22d ²⁾	8 kWh/1000h	
SST CLAS A 60 FIL 7.5 W/2700 K E27 ²⁾	8 kWh/1000h	DRAA/C-7/827-220/240-E27-60
SST CLAS A 60 7.5 W/2700 K B22d ²⁾	8 kWh/1000h	
SST CLAS A 75 FIL 8.5 W/2700 K E27 ²⁾	9 kWh/1000h	DRAA/C-8,5/827-220-240-E27-60
SST CLAS A 75 FR 8.5 W/2700 K E27 ²⁾	9 kWh/1000h	DRAA/F-8,5/827-220-240-E27-60
SST CLAS A 75 FR 8.5 W/2700 K B22d ²⁾	9 kWh/1000h	
SST CLAS A 75 8.5 W/4000 K E27 ²⁾	9 kWh/1000h	
SST CLAS A 75 CL 8.5 W/4000 K E27 ²⁾	9 kWh/1000h	
SST CLAS A 100 12 W/2700 K E27 ¹⁾	12 kWh/1000h	
SST CLAS A 100 12 W/2700 K E27 ¹⁾	12 kWh/1000h	
SST CLAS A 100 12 W/2700 K B22d ¹⁾	12 kWh/1000h	
SST CLAS A 100 12 W/4000 K E27 ¹⁾	12 kWh/1000h	
SST CLAS A 100 12 W/4000 K E27 ¹⁾	12 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

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/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)

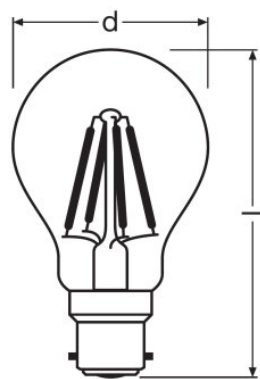


ST CLAS A 25 3.3 W/2700 K E27

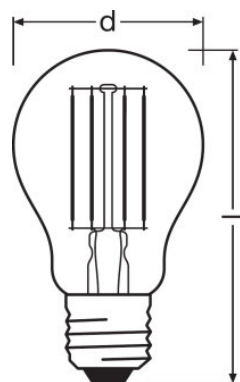
SST CLAS A 25 FR 3.3 W/2700 K E27, SST CLAS A 40 FR 5 W/2700 K E27, SST CLAS A 40 FR 5 W/4000 K E27, ST CLAS A 60 FR 7.5 W/2700 K E27, SST CLAS A 60 FR 7.5 W/4000 K E27, SST CLAS A 75 FR 8.5 W/2700 K E27, SST CLAS A 75 8.5 W/4000 K E27

SST CLAS A 40 CL 5 W/2700 K E27, ST CLAS A 60 FIL 7.5 W/2700 K E27, SST CLAS A 60 FIL 7.5 W/2700 K E27

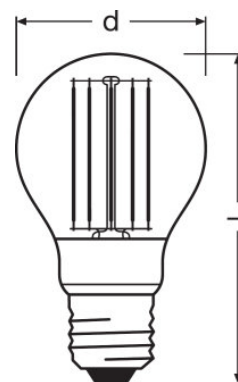
SST CLAS A 60 7.5 W/2700 K B22d, SST CLAS A 75 FR 8.5 W/2700 K B22d



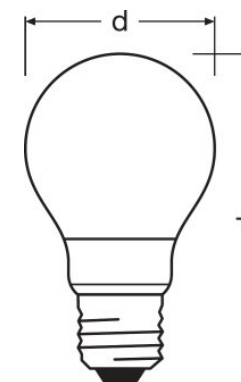
SST CLAS A 60 7.5 W/2700 K B22d



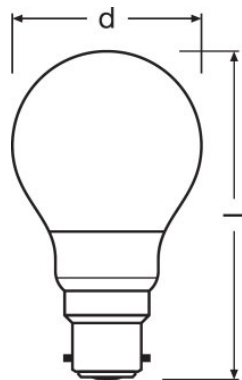
SST CLAS A 75 FIL 8.5 W/2700 K E27,
SST CLAS A 75 CL 8.5 W/4000 K E27



SST CLAS A 100 12 W/2700 K E27, SST
CLAS A 100 12 W/4000 K E27



SST CLAS A 100 12 W/2700 K E27, SST
CLAS A 100 12 W/4000 K E27



SST CLAS A 100 12 W/2700 K B22d

APPLICATION ADVICE

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

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075107564	ST CLAS A 25 3.3 W/2700 K E27	Shipping carton box 6	381 mm x 153 mm x 136 mm	7.93 dm ³	414.00 g
4058075107526	SST CLAS A 25 FR 3.3 W/2700 K E27	Shipping carton box 6	381 mm x 153 mm x 136 mm	7.93 dm ³	414.00 g
4052899961920	SST CLAS A 40 CL 5 W/2700 K E27	Shipping carton box 6	381 mm x 153 mm x 136 mm	7.93 dm ³	493.00 g
4052899959132	SST CLAS A 40 FR 5 W/2700 K E27	Shipping carton box 6	381 mm x 153 mm x 136 mm	7.93 dm ³	495.00 g
4058075054226	SST CLAS A 40 FR 5 W/2700 K E27	Shipping carton box 10	322 mm x 134 mm x 120 mm	5.18 dm ³	0.52 g
4058075132658	SST CLAS A 40 FR 5 W/4000 K E27	Shipping carton box 6	381 mm x 153 mm x 136 mm	7.93 dm ³	406.00 g
4052899941465	ST CLAS A 60 FR 7.5 W/2700 K E27	Shipping carton box 6	381 mm x 153 mm x 136 mm	7.93 dm ³	493.00 g
4058075054240	ST CLAS A 60 FR 7.5 W/2700 K E27	Shipping carton box 10	322 mm x 134 mm x 120 mm	5.18 dm ³	0.61 g
4052899961869	ST CLAS A 60 FIL 7.5 W/2700 K E27	Shipping carton box 6	381 mm x 153 mm x 136 mm	7.93 dm ³	496.00 g
4058075808287	SST CLAS A 60 FR 7.5 W/4000 K E27	Shipping carton box 6	381 mm x 153 mm x 136 mm	7.93 dm ³	491.00 g
4058075808249	SST CLAS A 60 7.5 W/2700 K B22d	Shipping carton box 6	381 mm x 153 mm x 136 mm	7.93 dm ³	491.00 g
4058075115958	SST CLAS A 60 FIL 7.5 W/2700 K E27	Shipping carton box 10	322 mm x 134 mm x 120 mm	5.18 dm ³	508.00 g
4058075107588	SST CLAS A 60 7.5 W/2700 K B22d	Shipping carton box 6	381 mm x 153 mm x 136 mm	7.93 dm ³	414.00 g
4058075808324	SST CLAS A 75 FIL 8.5 W/2700 K E27	Shipping carton box 6	381 mm x 153 mm x 136 mm	7.93 dm ³	517.00 g

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075112094	SST CLAS A 75 FR 8.5 W/2700 K E27	Shipping carton box 10	322 mm x 134 mm x 120 mm	5.18 dm ³	508.00 g
4058075808300	SST CLAS A 75 FR 8.5 W/2700 K E27	Shipping carton box 6	381 mm x 153 mm x 136 mm	7.93 dm ³	510.00 g
4058075107687	SST CLAS A 75 FR 8.5 W/2700 K B22d	Shipping carton box 6	381 mm x 153 mm x 136 mm	7.93 dm ³	414.00 g
4058075107700	SST CLAS A 75 8.5 W/4000 K E27	Shipping carton box 6	381 mm x 153 mm x 136 mm	7.93 dm ³	414.00 g
4058075107809	SST CLAS A 75 CL 8.5 W/4000 K E27	Shipping carton box 6	381 mm x 153 mm x 136 mm	7.93 dm ³	414.00 g
4058075116832	SST CLAS A 100 12 W/2700 K E27	Shipping carton box 6	449 mm x 153 mm x 201 mm	13.81 dm ³	560.00 g
4058075116818	SST CLAS A 100 12 W/2700 K E27	Shipping carton box 6	449 mm x 153 mm x 201 mm	13.81 dm ³	560.00 g
4058075116955	SST CLAS A 100 12 W/2700 K B22d	Shipping carton box 6	449 mm x 153 mm x 201 mm	13.81 dm ³	560.00 g
4058075116979	SST CLAS A 100 12 W/4000 K E27	Shipping carton box 6	449 mm x 153 mm x 201 mm	13.81 dm ³	560.00 g
4058075116795	SST CLAS A 100 12 W/4000 K E27	Shipping carton box 6	449 mm x 153 mm x 201 mm	13.81 dm ³	560.00 g

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.