

LED Filament DECO ST64 and Globes

4.5W, 7W, 8.5W and 10W ST64 and Globes
for 40W, 60W, 75W and 100W replacement



DATA SHEET

Product information

Tungsramp introduces its high quality range of decorative shapes 100% made in glass with the LED Filament technology inside and directly inspired by the Traditional Incandescent lamps for which Tungsramp holds a know how greater than 120 years.

Features & benefits

- 15.000 hours life time L70
- Colour temperatures from 2700K, 4000K and 6500K
- Non-dimmable
- 100% retro-fit
- Warranty: 2 years with maximum 8 000 burning hours according to the Tungsramp Standard Warranty conditions

Application areas



Retail



Hospitality



Household

IEC Standards

EN 55015:	Limits and methods of measurement of radio disturbance characteristics of electrical lighting
EN 61547:	Equipment for general lighting purposed EMC immunity requirements
EN 61000-3-3:	Limitation of voltage fluctuations and flicker in low voltage supply systems (equipment rated current $\leq 16A$)
EN 61000-3-2:	Limits - Limits for harmonic current emissions (equipment input $\leq 16 A$ per phase)
IEC 62471:	Photo biological safety of lamps and lamp systems
IEC 60061:	Lamp Caps and holders together with gauges for the control of interchangeability and safety
EN 62560:	Self-ballasted lamps for general lighting services by voltage $> 50V$ - safety specification
EN 62493:	Assessment of lighting equipment related to human exposure to electromagnetic fields

Specification summary

Product Code	Product Code (Direct Shipment)	Product Description	Nominal/ Rated Power (W)	Repl Watt (W)	Cap/ Base	Nominal/ Rated Beam Angle (°)	Nominal/ Rated Lumens (lm)	Nominal/ Rated Life (L70/B50 hours)	CCT (K)	CRI	Length (mm)	Diameter (mm)	Energy Efficiency Class	Pack Qty
ST64														
93115489	93118502	LED Fil ST64 4.5W 827 E27 CL TU	4.5	40	E27	300	470	15 000	2700	80	140	64	F	10
93115490	-	LED Fil ST64 4.5W 827 B22 CL TU	4.5	40	B22	300	470	15 000	2700	80	138	64	F	10
93115491	93118503	LED Fil ST64 7W 827 E27 CL TU	7	60	E27	300	806	15 000	2700	80	140	64	E	10
93115492	-	LED Fil ST64 7W 827 B22 CL TU	7	60	B22	300	806	15 000	2700	80	138	64	E	10
93115952	-	LED Fil ST64 8.5W 827 E27 CL TU	8.5	75	E27	300	1055	15 000	2700	80	140	64	E	10
93115953	-	LED Fil ST64 8.5W 827 B22 CL TU	8.5	75	B22	300	1055	15 000	2700	80	138	64	E	10
93115954	-	LED Fil ST64 10W 827 E27 CL TU	10	91	E27	300	1350	15 000	2700	80	140	64	D	10
93115955	-	LED Fil ST64 10W 827 B22 CL TU	10	91	B22	300	1350	15 000	2700	80	138	64	D	10
G95														
93115493	93118504	LED Fil G95 4.5W 827 E27 CL TU	4.5	40	E27	300	470	15 000	2700	80	138	95	F	4
93115494	-	LED Fil G95 4.5W 827 B22 CL TU	4.5	40	B22	300	470	15 000	2700	80	136	95	F	4
93115495	93118505	LED Fil G95 7W 827 E27 CL TU	7	60	E27	300	806	15 000	2700	80	138	95	E	4
93115496	-	LED Fil G95 7W 827 B22 CL TU	7	60	B22	300	806	15 000	2700	80	136	95	E	4
93115497	-	LED Fil G95 7W 840 E27 CL TU	7	60	E27	300	806	15 000	4000	80	138	95	E	4
93115498	-	LED Fil G95 7W 840 B22 CL TU	7	60	B22	300	806	15 000	4000	80	136	95	E	4
93115499	-	LED Fil G95 7W 865 E27 CL TU	7	60	E27	300	806	15 000	6500	80	138	95	E	4
93115500	-	LED Fil G95 7W 865 B22 CL TU	7	60	B22	300	806	15 000	6500	80	136	95	E	4
93115956	-	LED Fil G95 8.5W 827 E27 CL TU	8.5	75	E27	300	1055	15 000	2700	80	138	95	E	4
93115957	-	LED Fil G95 8.5W 827 B22 CL TU	8.5	75	B22	300	1055	15 000	2700	80	136	95	E	4
93115958	-	LED Fil G95 10W 827 E27 CL TU	10	91	E27	300	1350	15 000	2700	80	138	95	D	4
93115959	-	LED Fil G95 10W 827 B22 CL TU	10	91	B22	300	1350	15 000	2700	80	136	95	D	4
93115960	-	LED Fil G95 10W 840 E27 CL TU	10	96	E27	300	1450	15 000	4000	80	138	95	D	4
93115961	-	LED Fil G95 10W 840 B22 CL TU	10	96	B22	300	1450	15 000	4000	80	136	95	D	4
93115962	-	LED Fil G95 10W 865 E27 CL TU	10	96	E27	300	1450	15 000	6500	80	138	95	D	4
93115963	-	LED Fil G95 10W 865 B22 CL TU	10	96	B22	300	1450	15 000	6500	80	136	95	D	4
G120														
93115501	93118506	LED Fil G120 4.5W 827 E27 CL TU	4.5	40	E27	300	470	15 000	2700	80	172	124	F	4
93115502	-	LED Fil G120 4.5W 827 B22 CL TU	4.5	40	B22	300	470	15 000	2700	80	170	124	F	4
93115503	93118507	LED Fil G120 7W 827 E27 CL TU	7	60	E27	300	806	15 000	2700	80	172	124	E	4
93115504	-	LED Fil G120 7W 827 B22 CL TU	7	60	B22	300	806	15 000	2700	80	170	124	E	4
93115505	-	LED Fil G120 7W 840 E27 CL TU	7	60	E27	300	806	15 000	4000	80	172	124	E	4
93115506	-	LED Fil G120 7W 840 B22 CL TU	7	60	B22	300	806	15 000	4000	80	170	124	E	4
93115507	-	LED Fil G120 7W 865 E27 CL TU	7	60	E27	300	806	15 000	6500	80	172	124	E	4
93115508	-	LED Fil G120 7W 865 B22 CL TU	7	60	B22	300	806	15 000	6500	80	170	124	E	4
93115964	-	LED Fil G120 8.5W 827 E27 CL TU	8.5	75	E27	300	1055	15 000	2700	80	172	124	E	4
93115965	-	LED Fil G120 8.5W 827 B22 CL TU	8.5	75	B22	300	1055	15 000	2700	80	170	124	E	4
93115966	-	LED Fil G120 10W 827 E27 CL TU	10	91	E27	300	1350	15 000	2700	80	172	124	D	4
93115967	-	LED Fil G120 10W 827 B22 CL TU	10	91	B22	300	1350	15 000	2700	80	170	124	D	4
93115968	-	LED Fil G120 10W 840 E27 CL TU	10	96	E27	300	1450	15 000	4000	80	172	124	D	4
93115969	-	LED Fil G120 10W 840 B22 CL TU	10	96	B22	300	1450	15 000	4000	80	170	124	D	4
93115970	-	LED Fil G120 10W 865 E27 CL TU	10	96	E27	300	1450	15 000	6500	80	172	124	D	4
93115971	-	LED Fil G120 10W 865 B22 CL TU	10	96	B22	300	1450	15 000	6500	80	170	124	D	4

Energy efficiency class (A-G)*



Operation and maintenance

- Store and use the lamps the same way as traditional lamps.
- Check your fixtures are properly wired and don't deliver voltage spike to lamps causing overheating/failure.
- Lamps should be kept free from contamination.
- Do not use the lamp if the bulb is broken.
- Good condition of the lamp-holder contacts is important to ensure proper operation of lamp.
- Ensure lamp is cool before removing.
- Switch off mains supply before installing/removing lamp.
- Non-dimmable.
- Not for use in totally enclosed recessed fixtures.

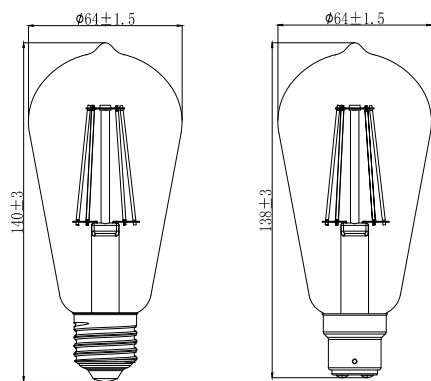
Common attributes

- Voltage 220-240V 50/60Hz
- CRI>80
- Life Time 15000 Hours L70
- Beam angle 300°
- Switching cycles 50 000
- Warm up time: Instant on
- Power factor: >0.5
- Ambient temperature range -20° C to +40°C.
- Color consistency < 6 SDCM

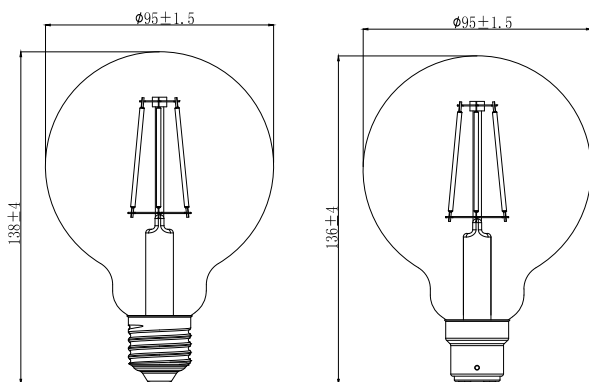
Packaging image



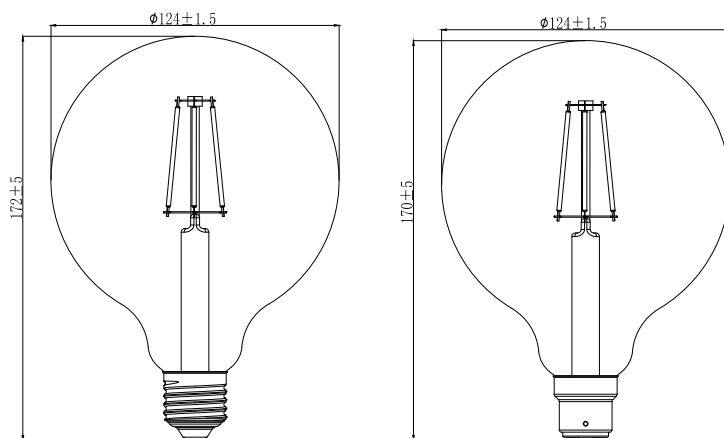
Dimensions (mm)



ST64 E27/B22

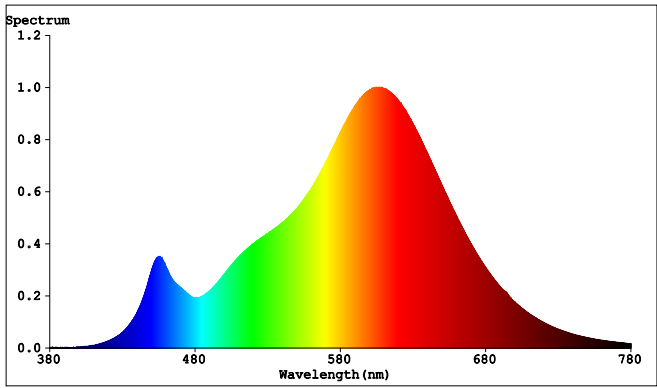


G95 E27/B22

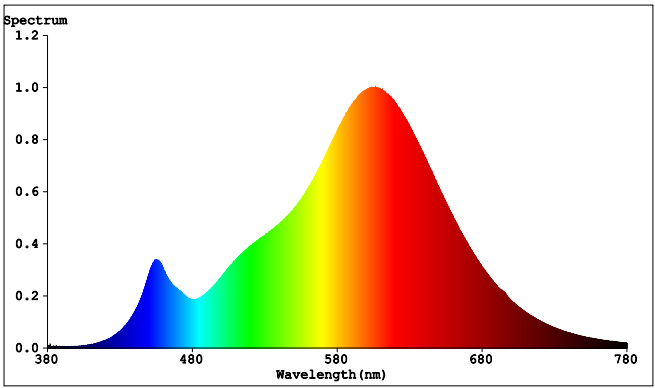


G120 E27/B22

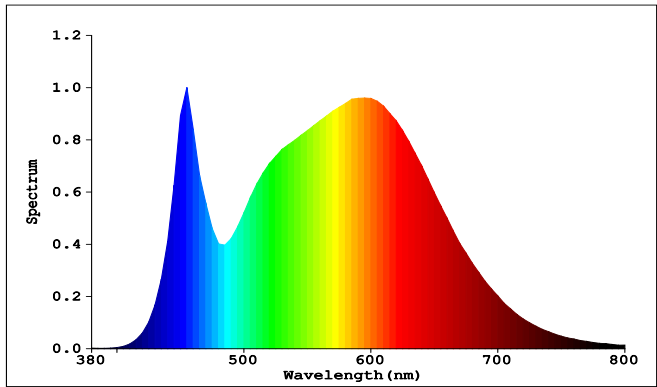
Spectral distribution



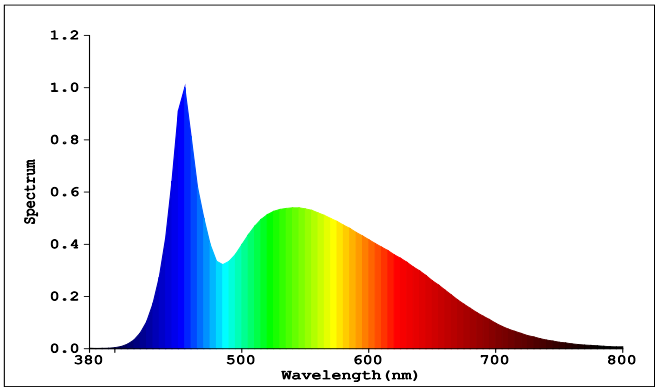
4.5W 2700K



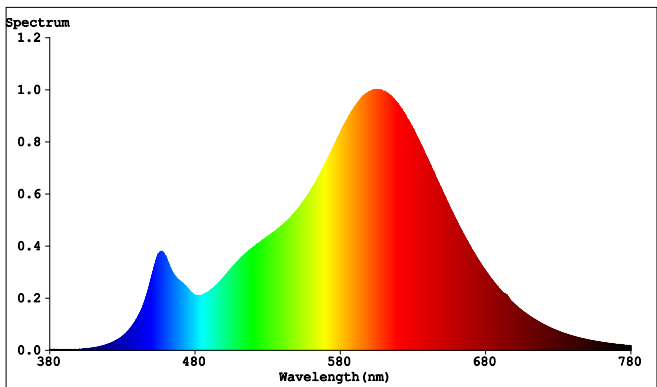
7W 2700K



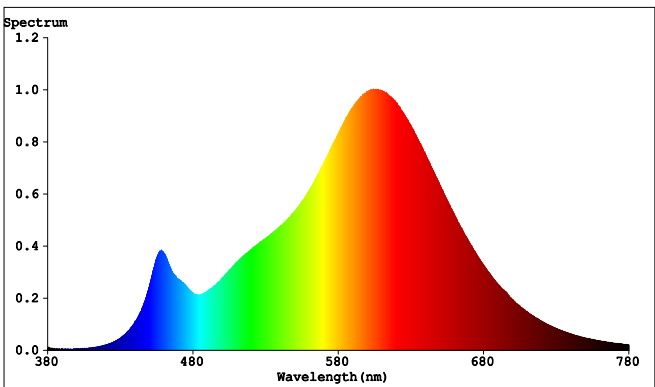
7W 4000K



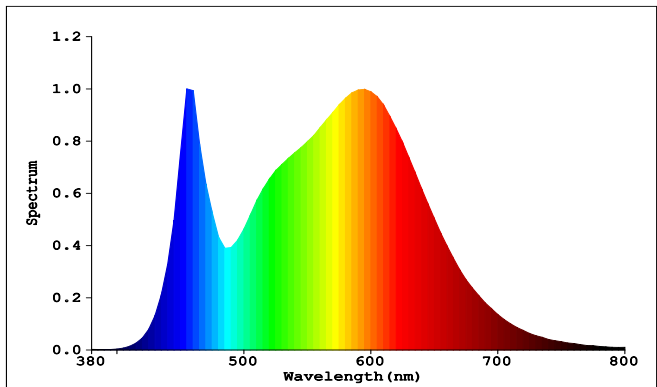
7W 6500K



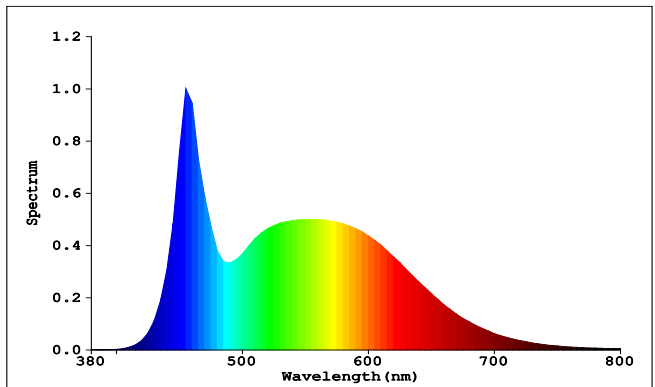
8.5W 2700K



10.5W 2700K



10.5W 4000K



10.5W 6500K

All values from 180-400nm are 0