

Tungsr LED Filament Dimmable GLS

4.9W, 8W, 10.5W, 13W



DATA SHEET

Product information

Tungsr proudly presents their market leading LED Filament Dimmable lightbulb. With its outstanding colour rendering index of 90 and less than 4 steps colour consistency, it literally brings colour to life. Gone are the days of struggling to identify colour under traditional lighting you can confidently step outside knowing the colour you are wearing is the colour you selected to wear LED filament boosts the clarity of colour. Offering a true retrofit solution and energy savings up to 90% (compared to traditional lightbulbs) and a modern design. Make a statement with our stylish and beautifully simplistic Tungsr Dimmable Filament LED Lightbulbs - a simple solution for improving the interior design of your space.

Features & benefits

- 20 000 hours life time L70
- CRI 90 < 4 SDCM
- Dimmable
- A+ Energy Class
- 100% retro-fit
- Warranty: 2 years with maximum 8 000 burning hours according to the Tungsr Standard Warranty conditions

Application areas



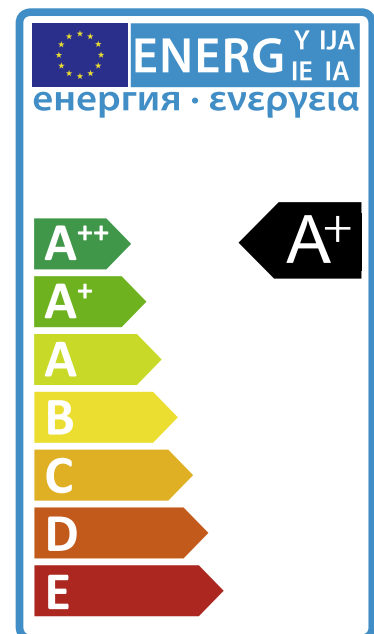
Retail



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 <= 16A)
EN 61000-3-2:	Limits - Limits for harmonic current emissions (equipment input ≤ 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	CCT (K)	CRI	SDCM	Nominal Rated Life (L70/B50 hours)	Nominal/ Rated Beam Angel (°)	Nominal Rated Lumens (lm)	Lenght (mm)	Diameter (mm)	WEC (kwh/1000 h)	Pack Qty
93119378	93119404	LED Fil Dim A60 4.9W 927 E27 CL TU	4.9	40	E27	2700	90	< 4	20000	320	470	104	60	5	10
93119379	93119405	LED Fil Dim A60 4.9W 927 B22 CL TU	4.9	40	B22	2700	90	< 4	20000	320	470	103	60	5	10
93119380	93119406	LED Fil Dim A60 4.9W 927 E27 FR TU	4.9	40	E27	2700	90	< 4	20000	320	470	104	60	5	10
93119381	93119407	LED Fil Dim A60 4.9W 927 B22 FR TU	4.9	40	B22	2700	90	< 4	20000	320	470	103	60	5	10
93119382	93119408	LED Fil Dim A60 8W 927 E27 CL TU	8	60	E27	2700	90	< 4	20000	320	810	104	60	8	10
93119383	93119409	LED Fil Dim A60 8W 927 B22 CL TU	8	60	B22	2700	90	< 4	20000	320	810	103	60	8	10
93119384	93119410	LED Fil Dim A60 8W 927 E27 FR TU	8	60	E27	2700	90	< 4	20000	320	810	104	60	8	10
93119385	93119411	LED Fil Dim A60 8W 927 B22 FR TU	8	60	B22	2700	90	< 4	20000	320	810	103	60	8	10
93119396	93119412	LED Fil Dim A60 10.5W 927 E27 CL TU	10.5	75	E27	2700	90	< 4	20000	320	1055	104	60	11	10
93119397	93119413	LED Fil Dim A60 10.5W 927 B22 CL TU	10.5	75	B22	2700	90	< 4	20000	320	1055	103	60	11	10
93119398	93119414	LED Fil Dim A60 10.5W 927 E27 FR TU	10.5	75	E27	2700	90	< 4	20000	320	1055	104	60	11	10
93119399	93119415	LED Fil Dim A60 10.5W 927 B22 FR TU	10.5	75	B22	2700	90	< 4	20000	320	1055	103	60	11	10
93119400	93119416	LED Fil Dim A60 13W 927 E27 CL TU	13	100	E27	2700	90	< 4	20000	320	1521	104	60	13	10
93119401	93119417	LED Fil Dim A60 13W 927 B22 CL TU	13	100	B22	2700	90	< 4	20000	320	1521	103	60	13	10
93119402	93119418	LED Fil Dim A66 13W 927 E27 FR TU	13	100	E27	2700	90	< 4	20000	320	1521	120	66	13	10
93119403	93119419	LED Fil Dim A66 13W 927 B22 FR TU	13	100	B22	2700	90	< 4	20000	320	1521	119	66	13	10

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.
- Dimmable.
- Not for use in totally enclosed recessed fixtures.
- LED Filament Dimmable GLS 4.9W, 8W, 10.5W, 13W lamps are dimmable on most leading and trailing edge dimmers, for more information please check our website www.tungram.com/dimming-led.

Common attributes

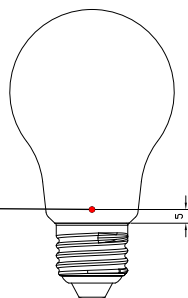
- Voltage 220-240V 50/60Hz
- CRI>90
- Life Time 20 000 Hours L70
- Beam angle 320°
- Switching cycles 30 000
- Warm up time: Instant on
- Power factor: >0.7
- Ambient temperature range -20° C to +40°C.
- Color consistency < 4 SDCM

Recommended operation temperature

Ambient temperature range -20°C to 40°C.

LED Filament Dimmable GLS Desired outputs	
A60 TH max for L70/B50	58°C
A66 TH max for L70/B50	55°C

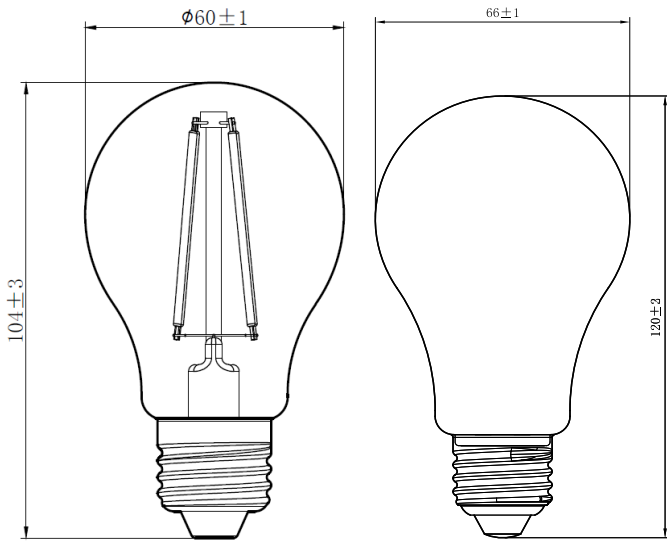
Thermal test point



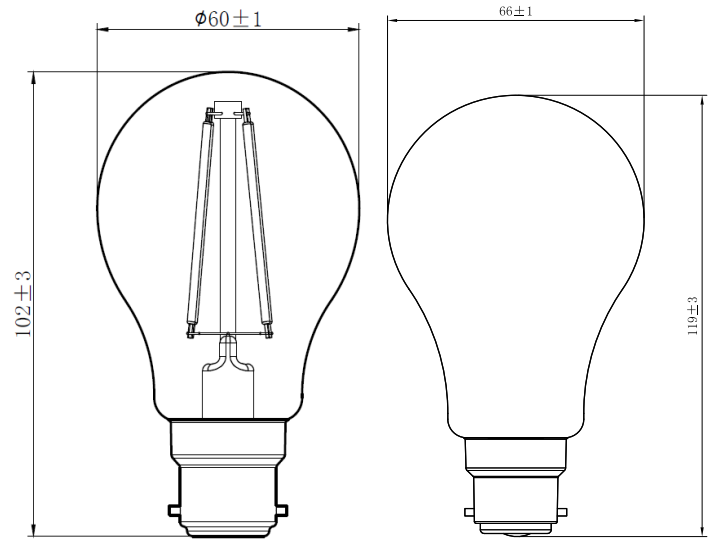
Packaging image



Dimensions (mm)

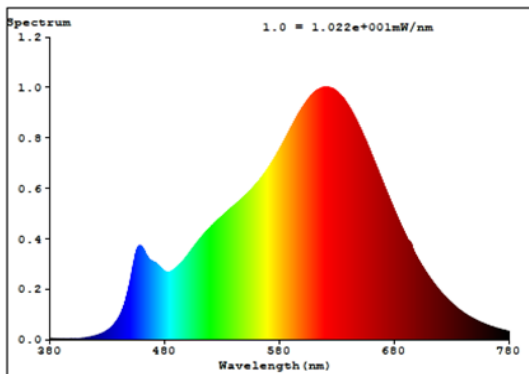


E27 base

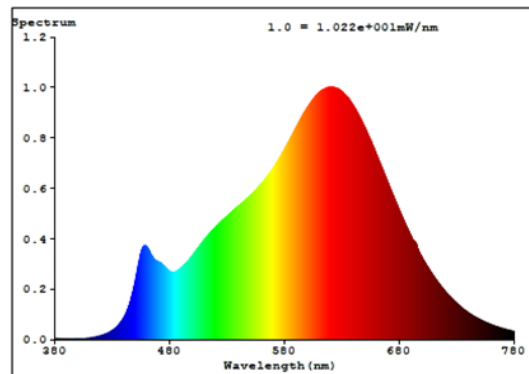


B22 base

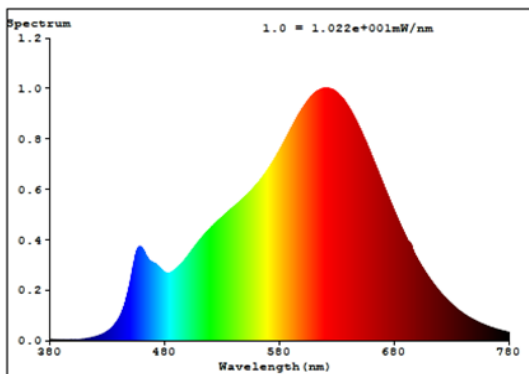
Spectral distribution



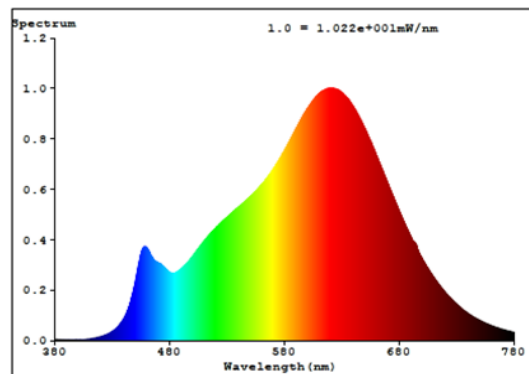
4.9W



8W



10.5W



13W

All values from 180-400nm are 0