



LED Start GU10

3.5W & 5W Equivalents for 35W & 50W

Product information

This new entry level range of highly competitive LED GU10 and R50 products consume only 3.5W and 5W respectively and offer a fantastic energy saving alternative to 50W and 35W Halogen GU10 lamps.

Features & Benefits

- Total lumens: up to 270 (3.5W) and up to 390 (5W)
- Four colour temperatures: 2700K, 3000K, 4000K, 6500K
- Competitive lifetime: up to 15000 hours (L70/B50)
- A+ Energy Class
- Warranty: 2 years with maximum 8000 burning hours according to Tungfram Operations Kft. Standard Warranty conditions

Application areas



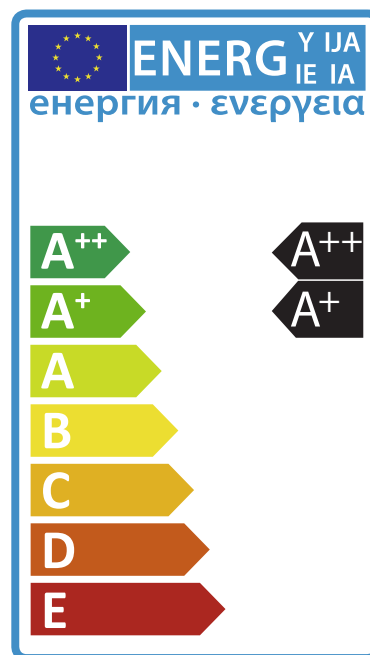
Home



Hospitality



Retail



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 61000-3-2: Limits for harmonic current emissions (equipment rated current <=16A)
- EN 61000-3-3: Limitation of voltage fluctuations and flicker in low voltage supply systems (equipment rated current <=16A)
- EN 62560: Self-ballasted LED lamp for general lighting services voltage 50~250V-safety specification
- IEC 62471: Photo biological safety of lamps and lamp systems
- IEC/TR 62778: Assessment of blue light hazard to light sources and luminaires
- EN62493: Assessment of lighting equipment related to human exposure to electromagnetic fields DATA SHEET Retail Home
- IES LM79: Electrical and Photometric Measurement of SSL Products

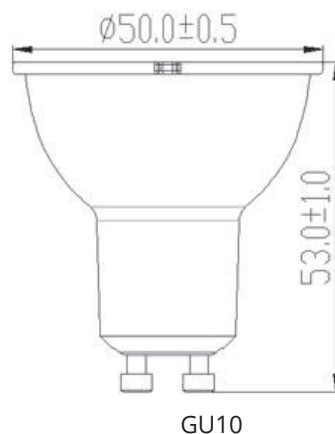
Specification summary

Product Code	Direct Shipment Product Code	Product Description	Nominal/ Rated Power (W)	Repl Watt (W)	Nominal/ Rated Lumens (lm)	Nominal/ Rated Useful Lumens	Rated Peak Intensity (cd)	CCT (K)	WEC (kwh/1000h)	Pack Qty
93067831	93094479	LED Start GU10 3.5W(35) 827 35°	3,5	35	240	230	550	2700	4	1/8
93094480	93094481	LED Start GU10 3.5W(35) 830 35°	3,5	35	250	240	550	3000	4	1/8
93094482	93094483	LED Start GU10 3.5W(35) 840 35°	3,5	35	270	250	550	4000	4	1/8
93094484	93094485	LED Start GU10 3.5W(35) 865 35°	3,5	35	250	240	550	6500	4	1/8
93067832	93094486	LED Start GU10 5W(50) 827 35°	5,0	50	360	345	700	2700	5	1/8
93094487	93094488	LED Start GU10 5W(50) 830 35°	5,0	50	380	360	700	3000	5	1/8
93094489	93094490	LED Start GU10 5W(50) 840 35°	5,0	50	390	365	700	4000	5	1/8
93094491	93094492	LED Start GU10 5W(50) 865 35°	5,0	50	380	360	700	6500	5	1/8

Common attributes

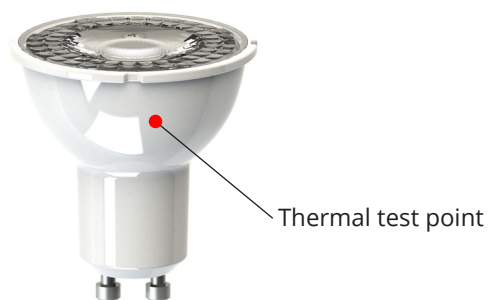
- Nominal/ Rated Life (L70/B50 hours): 15000 Hrs
- Cap/Base: GU10
- Nominal/Rated Beam Angle : 35°
- Colour Rendering Index >80
- Input Voltage 220-240V
- Start-up/Warm-up time: <1sec/instant
- Switching Cycles: 50,000
- Power factor: 0.5
- Lumen Maintenance Factor: 0.7
- Colour consistency: <6 SDCM
- A+ Energy Class

Dimensions (mm)



Recommended operation temperature

This Max. for L70/B50 for 3.5W 75°C, for 5W 75°C



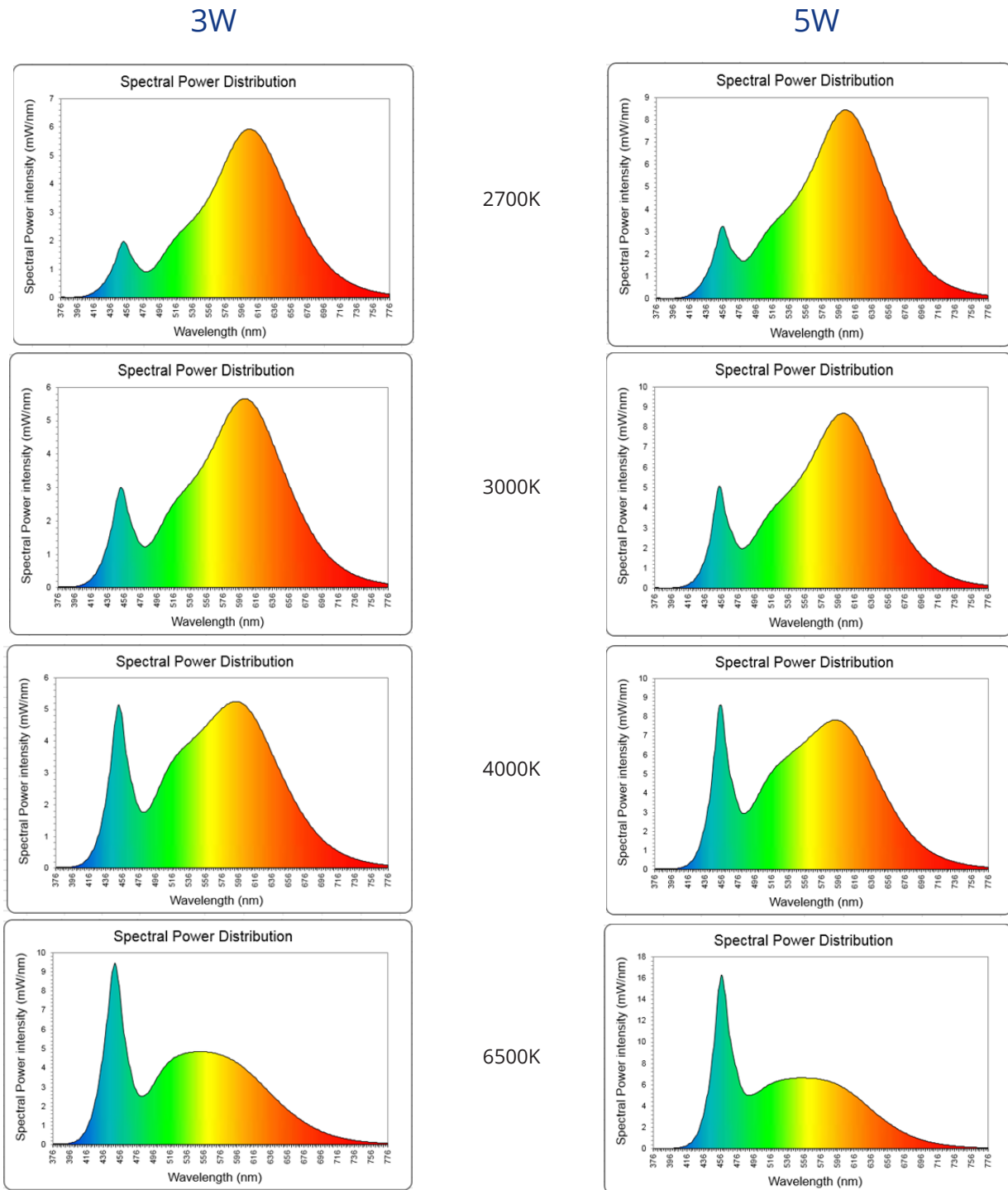
Packaging image



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.
- Ambient temperature range -20° C to 40°C
- Lamps should be kept free from contamination.
- 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.
- Not for use in totally enclosed recessed fixtures.
- Tungsham LED Start GU10 35 & 50W replacements are non-dimmable lamps

Spectral distributions



All values 180-400nm are 0

