



### Associated products



---

LX-DGA00-600948-TS

---

LX-DGA00-9001248-TS

---

LX-DGA00-12001548-TS

---

LX-DGA00-15001548-TS

---

- Standard G13 end cap or rotatable end cap optional.
  - Suitable for low ambient temperatures.
  - Safe and reliable leading technology.
  - Long lifespan.
  - 10 years warranty.
  - Flicker free verification function, ensuring accurate installation.
- 

LMX LED T8 tubes deliver market-leading system efficacy of up to 220 lm/W, making them among the most efficient tubes available. They provide instant start, low flicker operation, stable luminous flux, and tightly controlled CCT for consistent colour performance. Available with 120° (clear) or 140° (frosted) beam angles for uniform light distribution. The A6063 aluminium housing ensures effective thermal management, supporting a rated L70 lifetime of up to 100,000 hours and long-term reliability.

<https://lmxled.co.uk/product/t8-standard-switchable-tube/>

---

*The most efficient LED tube lighting available in the UK and Europe.*

---

### Case Study Project

This project was guided by our commitment to the 360° Circular Lighting philosophy, aligned with the TM66 framework. Partnering with Samways Electrical a leading electrical contractor for Hertfordshire schools we devised a sustainable solution by bypassing all original components and wiring directly into our recyclable LED tubes, with a 10-year warranty. Our ultra-efficient 200 lm/w LED tubes have reduced energy consumption by more than 50%, cutting usage per lamp from 35W to just 16W, with over 1,000 units installed. This upgrade not only supports environmental goals but also ensures the school will recoup its investment in just over two years. At the end of the LED tube's life cycle, it can be easily recycled and replaced at a minimal cost-delivering long-term value while supporting a truly circular economy.

### Review

*"Lighting tubes were needed for our school LED lighting upgrade. We purchased from LMX LED and the experience was excellent from start to finish. The product quality is outstanding, and despite the short notice, LMX delivered on time and with great service, very happy and will use them again for our lighting requirements."*

Bill Samway  
Director

Data	LX-DGA00-600948-TS, LX-DGA00-9001248-TS
	LX-DGA00-12001548-TS, LX-DGA00-15001548-TS
Input Voltage	AC 100-240V
Input Frequency	50 / 60Hz
Power	600mm 9W / 900mm 12W / 1200mm 15W / 1500mm 24W
Efficiency	Up to 220 lm/W
CRI (Colour Rendering Index)	≥80
Colour Temperatures CCT	3000K / 4000K / 5000K / 6500K
Beam Angle	Clear cover 120° / Frosted cover 140°
Power Factor	≥0.9
Start Time	<0.5 s
Rated Current	0.2 A - 0.5 A (depending on wattage)
Lumen Maintenance	>70% @ 120,000 hrs / 13.7 Years
Length	600mm / 900mm / 1200mm / 1500mm
Diameter	26mm
Connector	G13
Operating Temperature	-20°C to +48°C
Storage Temperature	-30°C to 60°C
IP Rating	IP20
Lifetime L70	100,000 hours / 11.5 Years
Switch Cycles	50,000
Standards	CE, RoHS, SAA, ErP, UL, DLC, UKCA, LVD, EN55015, EN 61547, EN61000-3-2, EN61000-3-3, EN62776

