LONGLUX

T8 LED GLASS TUBE

Energy-saving glass LED retrofit tubes | G13 base | 0.6 m / 1.2 m / 1.5 m | 9 W / 18 W / 24 W



CE · FCC · RoHS · UL Listed · ISO 9001 (SGS) · DLC

Features

- **Full glass body** — high-transmission frosted glass diffuser for soft, glare-free, uniform light.
- **Direct retrofit** for T8 fluorescent fixtures; works with existing G13 lamp holders, easy installation.
- **IC constant-current driver**, EMC compliant, passing LVD test — safe and reliable mains operation on 175–265 V.
- **240° wide beam angle** with batwing distribution for wide, even ambient lighting.
- **No mercury, no UV/IR**, instant start, no flickering; environmentally friendly.
- **Three lengths available**: 0.6 m / 1.2 m / 1.5 m with colour temperatures from 3000 K warm white to 6500 K daylight.

Specification Sheet

Model	T8 0.6M	T8 1.2M	T8 1.5M
Lamp base	G13	G13	G13
Dimension (D×L)	26×600 mm	26×1200 mm	26×1500 mm
Input voltage	175–265 V AC, 50/60 Hz	175–265 V AC, 50/60 Hz	175–265 V AC, 50/60 Hz
Power	9 W	18 W	24 W
Luminous flux	900 lm	1850 lm	2500 lm
Efficacy	≈100 lm/W	≈103 lm/W	≈104 lm/W
CCT	3000 K–6500 K	3000 K–6500 K	3000 K–6500 K
CRI	≥80	≥80	≥80
Beam angle	240°	240°	240°
Power factor	≥0.5	≥0.5	≥0.5
Driver	IC constant current, EMC	IC constant current, EMC	IC constant current, EMC
LVD	Yes	Yes	Yes
Rated life	25,000 h	25,000 h	25,000 h
Lumen maintenance	>91.8% @ 6,000 h	>91.8% @ 6,000 h	>91.8% @ 6,000 h
Switching cycles	>15,000	>15,000	>15,000
Diffuser material	Glass	Glass	Glass

Efficacy is calculated as rated luminous flux divided by rated power.
Direct replacement for T8 fluorescent tubes: 9 W replaces 18 W, 18 W replaces 36 W, 24 W replaces 58 W fluorescent equivalents.

Product Construction



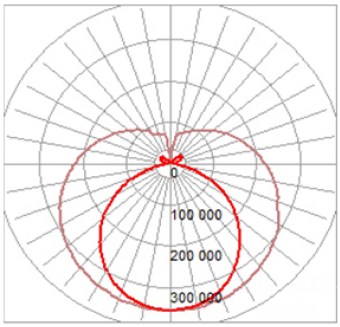
T8 LED glass tubes — full frosted glass body with G13 end caps



G13 end cap
Standard G13 bi-pin base fits all existing T8 fluorescent fixtures for quick retrofit.



Full glass body
High-transmission frosted glass tube — excellent heat dissipation, no deformation, no yellowing.



240° batwing distribution
Wide, uniform light distribution measured in the photometric laboratory.

Quality & Reliability

IC constant-current driver with EMC filtering ensures flicker-free operation across the 175–265 V mains range and compliance with LVD safety requirements. The all-glass body dissipates heat efficiently and keeps lumen maintenance above 91.8% after 6,000 hours, with more than 15,000 on/off switching cycles and a rated lifetime of 25,000 hours.

Applications



Shopping malls & retail



Warehouses & stockrooms



Factories & workshops



Offices, homes & public buildings

Trading terms

Price basis: FOB Shanghai / Ningbo
Payment: T/T
Minimum order: 5,000 pcs
Warranty: 2 years

Packing

Sleeve paper box
25 pcs per master carton, no middle box

Contact

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