

INDUSTRIAL / T8 TUBE

LED T8 TUBE

WHY-T8 TUBE Series

A high-performance LED tube covering 9W to 23W, designed as a direct G13 drop-in replacement for conventional T8 fluorescent lamps. Built on an aviation-grade aluminium profile with a Mitsubishi Japan PC tube - available in transparent, opalescent, or striped finish - it delivers up to 200LM/W efficacy with a full 180° beam spread, replicating the output pattern of a standard fluorescent tube. Five efficacy grades, optional dimming, and a wide 85-265 VAC input make it adaptable across a broad range of commercial, institutional, and industrial applications.



KEY FEATURES



Direct T8 Fluorescent Replacement

LED module, heat sink, and driver are fully integrated into a standard T8 form factor, enabling direct substitution of conventional T8 fluorescent tubes in existing G13 fixtures without modification



Up to 200 LM/W Luminous Efficacy

Five efficacy grades available- 120, 130, 150, 160, and 200LM/W - enabling specification to match project energy performance targets and budget requirements.



180° Beam Distribution

Full 180° beam spread (average 186.1°) replicates the output pattern of a conventional fluorescent tube, ensuring even illumination in standard ceiling-mounted batten and recessed fixture applications.



Japanese Mitsubishi PC Tube

Aviation-grade aluminium profile combined with a Mitsubishi Japan PC tube, available in transparent opalescent, or striped finish, ensures premium optical quality and long-term material stability.



Three Diffuser Options

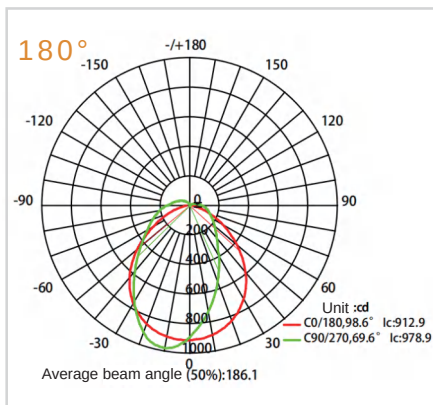
Transparent, milky white (opalescent), and striped PC tube finishes allow selection of the appropriate optical character for the application-from precise task lighting to diffuse ambient output.



Optional Dimming Control

Compatible with optional dimming accessories, supporting flexible integration into building management and energy control systems where output adjustment is required.

BEAM DISTRIBUTION



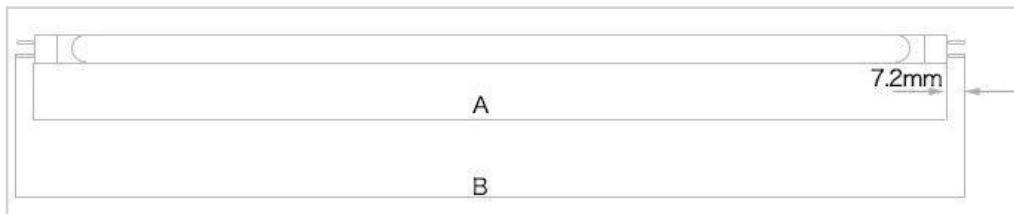
MODEL VARIANTS

Mode	Wattage	Luminous Efficacy	Size
WHY-T8 Tube-9W	9W	120/130/150/160/200lm/W	588*502*72mm
WHY-T8 Tube-12W	12W	120/130/150/160/200lm/W	893*907*72mm
WHY-T8 Tube-18W	18W	120/130/150/160/200lm/W	1198*1212*72mm
WHY-T8 Tube-23W	23W	120/130/150/160/200lm/W	1498*1514*72mm

TECHNICAL SPECIFICATIONS

CCT	3000/4000/6500K
CRI	CRI>80
Material	Aviation aluminum profile + PC [Mitsubishi, Japan]
Lampshade optional	Transparent/Milky white/Striped
Input Voltage	AC85-265V
Dimming control	Optional
Operating Temperature	-20°C~55°C
IP Level	IP20
Warranty	3-5years

DIMENSION (MM)



WHY-T8 Tube-9W	A:588mm	B:502mm
WHY-T8 Tube-12W	A:893mm	B:907mm
WHY-T8 Tube-18W	A:1198mm	B:1212mm
WHY-T8 Tube-23W	A:1498mm	B:1514mm

APPLICATION PLACES

