

T8 Glass Tube



Product information

The CLS LED T8 glass tube, reliable and durable alternatives to replace the conventional linear fluorescents lamps. Available in 2ft and 4ft lengths, these energy-saving LED lamps are quick, easy and safe to install into existing linear fluorescent fixtures after re-wiring.

Features

- bypass ballast, single -ended power input.
- Input Voltage: 120-277V, 50/60Hz.
- PF >0.9, THD <20%.
- CRI(Ra) >80, Beam Angle > 220°.
- 50,000 Hrs, 5 years warranty.

Electrical and Photometric Characteristics

Working temperature range:	-20°C ...+45°C
Power factor:	≥ 0.9
CRI:	≥80
Beam angle:	>220°
Dimmable:	Non-dimmable
IP Rating:	IP20
Base type:	G13
Color Temperature:	3000K, 3500K, 4000K, 4500K, 5000K



Certifications



* Exceeding maximum ratings for operating temperature and input voltage will reduce expected life time or destroy the product.
All data subject to change without notice. Errors and omission excepted.
Always make sure to use the most recent release.

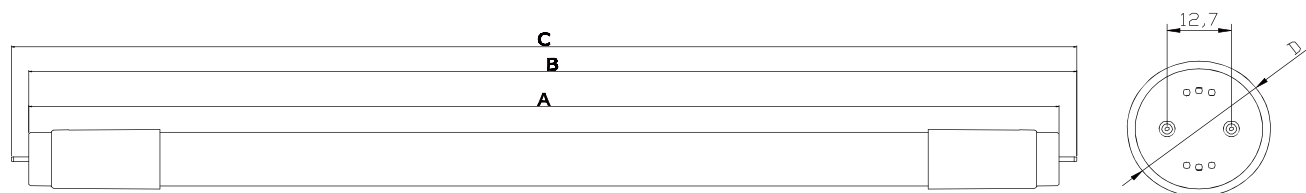
Specifications

Item Number	Rated Wattage (W)	Length (ft)	CCT (Kelvin)	Rated Luminous flux (lm)	CRI (Ra)	Beam angle (Degree)	Pack Qty (Pcs)	Dimming
LED T8 Glass Tube								
CLS-GL08-DW0608-30K	8	2	3000	1000	>80	>220°	25	No
CLS-GL08-DW0608-50K	8	4	4000K/5000K	1100	>80	>220°	25	No
CLS-GL08-DW1212-30K	12	4	3000K	1700	>80	>220°	25	No
CLS-GL08-DW1212-50K	12	4	4000K/5000K	1750	>80	>220°	25	No
CLS-GL08-DW1215-30K	15	4	3000K	1850	>80	>220°	25	No
CLS-GL08-DW1215-50K	15	4	4000K/5000K	1950	>80	>220°	25	No
CLS-GL08-DW1218-30K	18	4	3000K	2150	>80	>220°	25	No
CLS-GL08-DW1218-50K	18	4	4000K/5000K	2300	>80	>220°	25	No

Where"XX" represented for "CCT", it can be 27/30/35/40/45/50/55/60/65

* All data are related to the entire product
 Due to the special conditions of the manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical value.
 For technical information of other CCT, please contact our sales representative.

Dimension Diagram



Maximum overall length (mm)	2ft	4ft
A	588	1198
B	595	1205
C	603	1213
D	28.5	28.5
Weight (Kg)	0.13±0.01	0.22±0.01

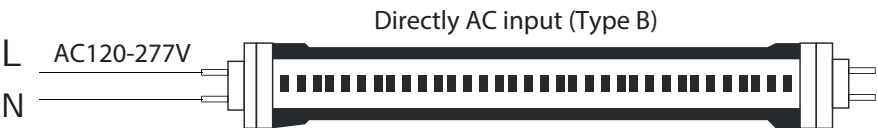
Operation and Maintenance Tips

- Store and use the lamps as same as standard fluorescent lamps.
- Lamps should be kept free from contamination.
 - Switch off mains supply before installing/removing lamp.
 - Good condition of the lamp-holder contacts is important to ensure proper operation of lamp.
 - For direct wire please check the provided installation instructions.
 - Use in fully enclosed fixtures may affect life performance.
 - Not for use in emergency lighting circuits.

Installation Diagram

- 1.Turn off power before installation.
- 2.Cut and remove magnetic or electronic ballast, rewiring as following diagram.
- 3.Plug T8 LED tube into lamp holders.
- 4.Turn on and check the light distribution angle.

Wiring Diagram



Package

Item Number	Qty/Carton (Pcs)	Size of Carton LxWxH (mm)	Net Weight (Kg)	Gross Weight (Kg)	Pcs in 1*20' GP	Pcs in 1*40' HQ
CLS-GL08-DW0608-XXK	25	645x195x200	3.25	4.22	21650	50000
CLS-GL08-DW1212-XXK	25	1255x195x200	5.50	6.82	13000	30000
CLS-GL08-DW1215-XXK	25	1255x195x200	5.50	6.82	13000	30000
CLS-GL08-DW1218-XXK	25	1255x195x200	5.50	6.82	13000	30000

* Note: the above quantity full a container based on tubes pack
In foam holders+outer carton and without pallets.