

DURA LED TUBE LIGHT T5 5FT 20W

Features

- Energy efficient replacement for conventional fluorescent T5 high output (HO) tube light.
- High efficiency 7th generation LED light source, 120-degree beam angle for maximum illumination.
- Suitable for totally enclosed fixtures.
- Suitable for 24Hr usage per day.
- Driver components from FIRST MOS (USA), MPS IC CHIP (USA), Rubycon Capacitor (JAPAN).
- Built in surge protection.
- High light transmittance diffusers, Japan made, built for long term use without yellowing.
- Double side AC input feed for easy rewiring from FL tube fixture to LED light fixture.
- A6063 high grade pure aluminium housing for best heat dissipation.
- Rotatable end cap.

Applications

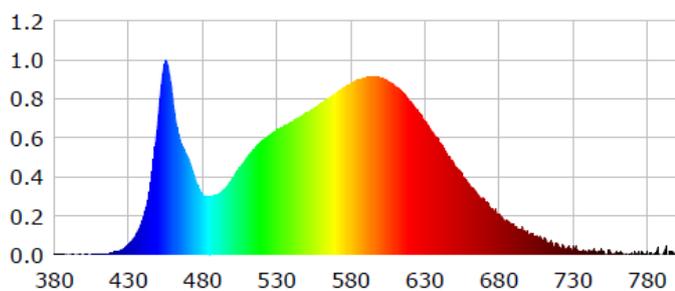
- Office lighting, Corridors, Hospitals, Garage lights, Cove lights, Parking area lighting.

Specifications

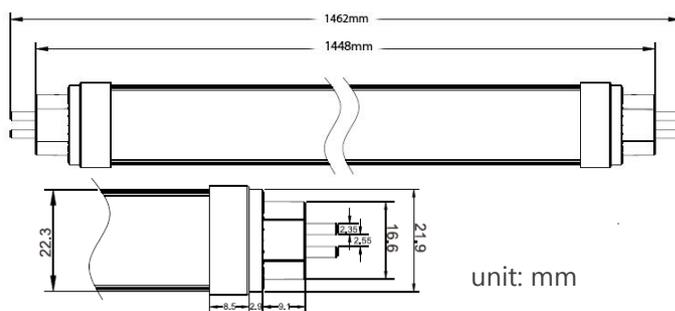
Model No.	S10701-T5-20
Type	T5 (FL tube retrofit)
Light Source	Lumileds 2835 SMD LED
Power	20W
Luminous flux	3200LM
Luminous efficacy	160 LM/W
Beam Angle	120°
CCT	4000K (840)
SDCM	<5
IP Rating	IP20
Material	Aluminium + PC diffusers
PC diffuser	White frosted cover
Net weight	375gm
Equivalent lamp power	20W LED tube = 49W FL tube

Input Voltage	100-265VAC
Frequency	50-60Hz
Driver	Inbuilt (double end input)
Cap base	G5
Power Factor	>0.90
Working Temperature	-25 to 48° C
THD	<20%
Lifespan	50,000 Hrs
CRI	>83
T Cas Max (Tc)	80° C
Dimming	No
Dimension	L1448mm*D22.3mm
Warranty	5 years
Certifications	CE, RoHS, LM79, LM80

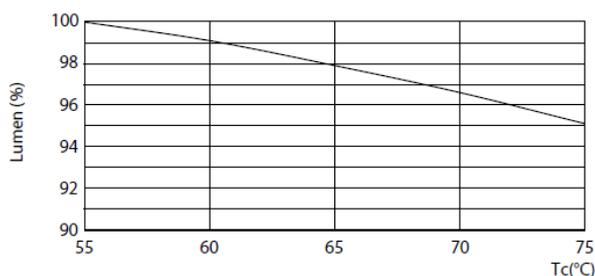
Photometric data



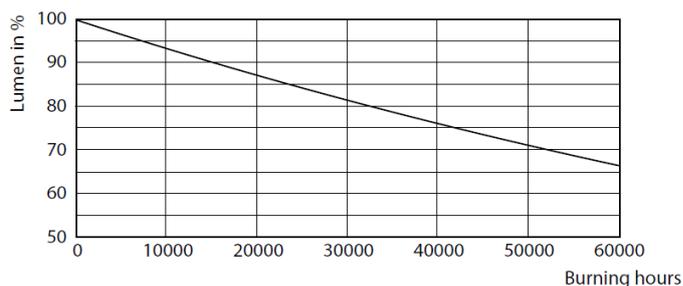
Dimensional drawing



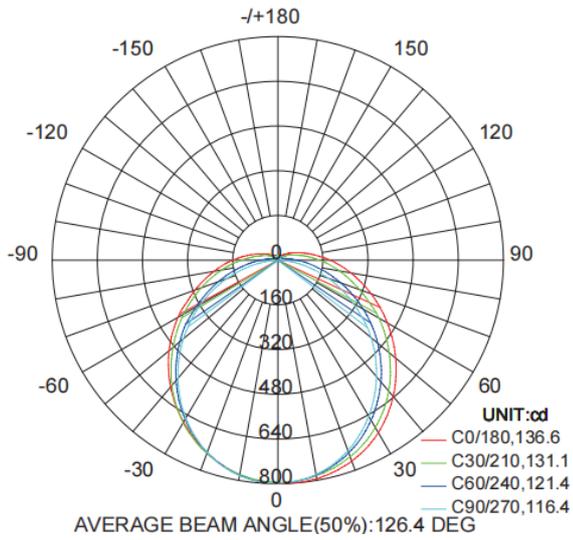
Lumen maintenance



Life time

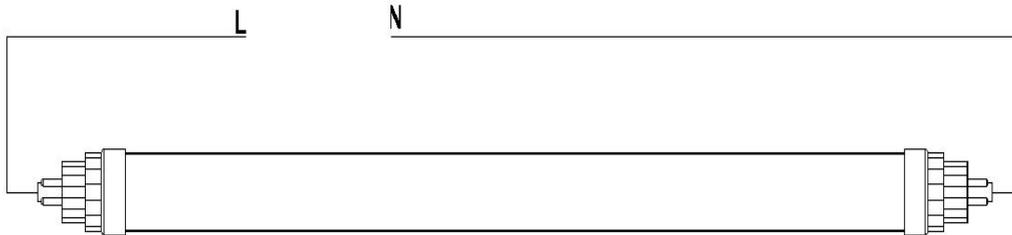


Photometric data



1m	331.8,971.5lx	262.41cm
2m	82.95,242.9lx	524.81cm
3m	36.87,107.9lx	787.22cm
4m	20.74,60.72lx	1049.63cm
5m	13.27,38.86lx	1312.03cm
6m	9.217,26.99lx	1574.44cm
7m	6.772,19.83lx	1836.85cm
8m	5.185,15.18lx	2099.25cm
9m	4.097,11.99lx	2361.66cm
10m	3.318,9.715lx	2624.07cm

Installation



Project Reference

- **Customer: Qatar Foundation.**
- Location: Oxygen Park, Underground Parking.
- **Product: T5 5FT (145CM) LED tube.**
- **Brand: FENER LED Lights**
- Type of fixture: 5 feet Weatherproof batten fitting, 2*25W.
- **Specifications: 5FT, 25W, 3500LM, 4000K, 50,000Hrs. 5Yr warranty, Type: Aluminium+PC, Dia: 22mm.**
- Quantity: 4 nos.
- Purpose of installation: Feasibility study of high efficiency LED retrofit tube lights for energy saving and low maintenance.
- **Date of installation: May '2021.**
- **Usage Hours per day: 24Hr.**
- **Current status: All are perfectly working.**
- Installed contractor: EMCO Facility management, Qatar.

