

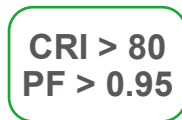
Features



Features & Benefits:

- UL/cUL DLC 4.2 with isolated external power supply
- AC100-277V, 0-10V dimmable
- LED Source: SMD2835, CRI>80, LM80 report
- Longbright Driver: PF>0.95, THD≤ 15%, Non-flicker
- ABS frame
- Ideal replacement for traditional troffer with over 80% energy saving!
- 5 years warranty

Applications: Offices / Classrooms / Malls / Hotel / Lobbies / Back of house / Restaurants / Bus Stations / Medical Facility



Specifications

Technical Specification

Input Voltage: AC100V~277V 50Hz~60Hz

THD: $\leq 15\%$

PF: > 0.95 Non-flicker

Power Efficiency: $> 90\%$

Color Temperature: Warm White (3000-3500K)

Pure White(4000-4500K)

Cool White(5000-5500K)

Color Rendering Index: CRI > 80

Beam Angle: 120°

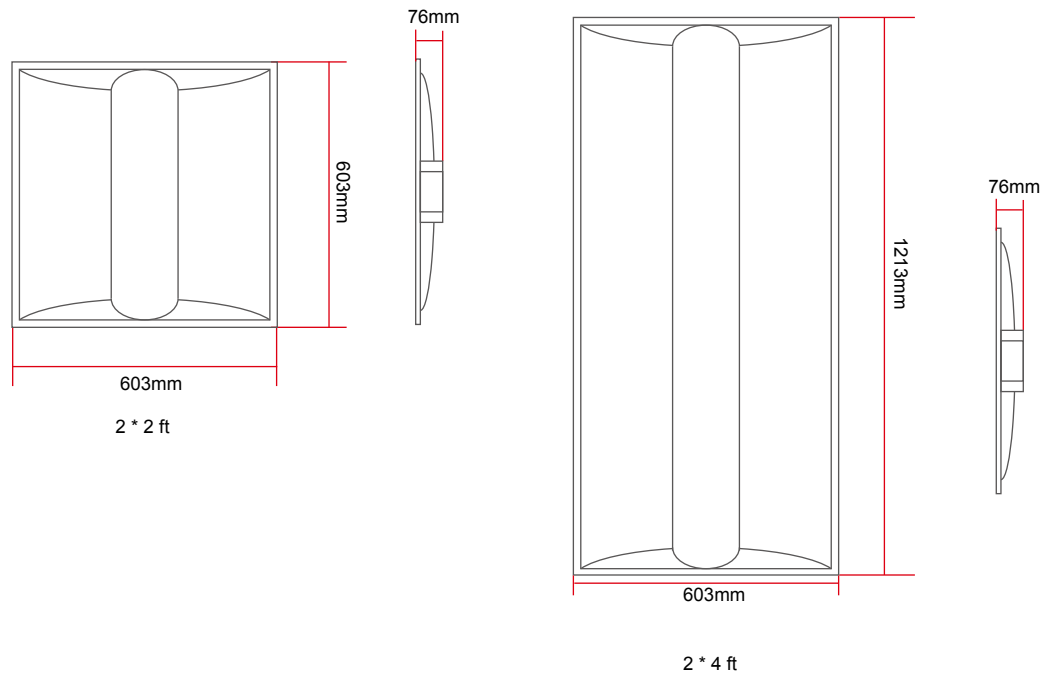
Material:ABS+PC

Working Temperature: $-20^\circ\text{C} \sim +45^\circ\text{C}$

Storage Temperature: $-25^\circ\text{C} \sim +65^\circ\text{C}$

IP Grade:IP40

Working Life-span: 50,000H



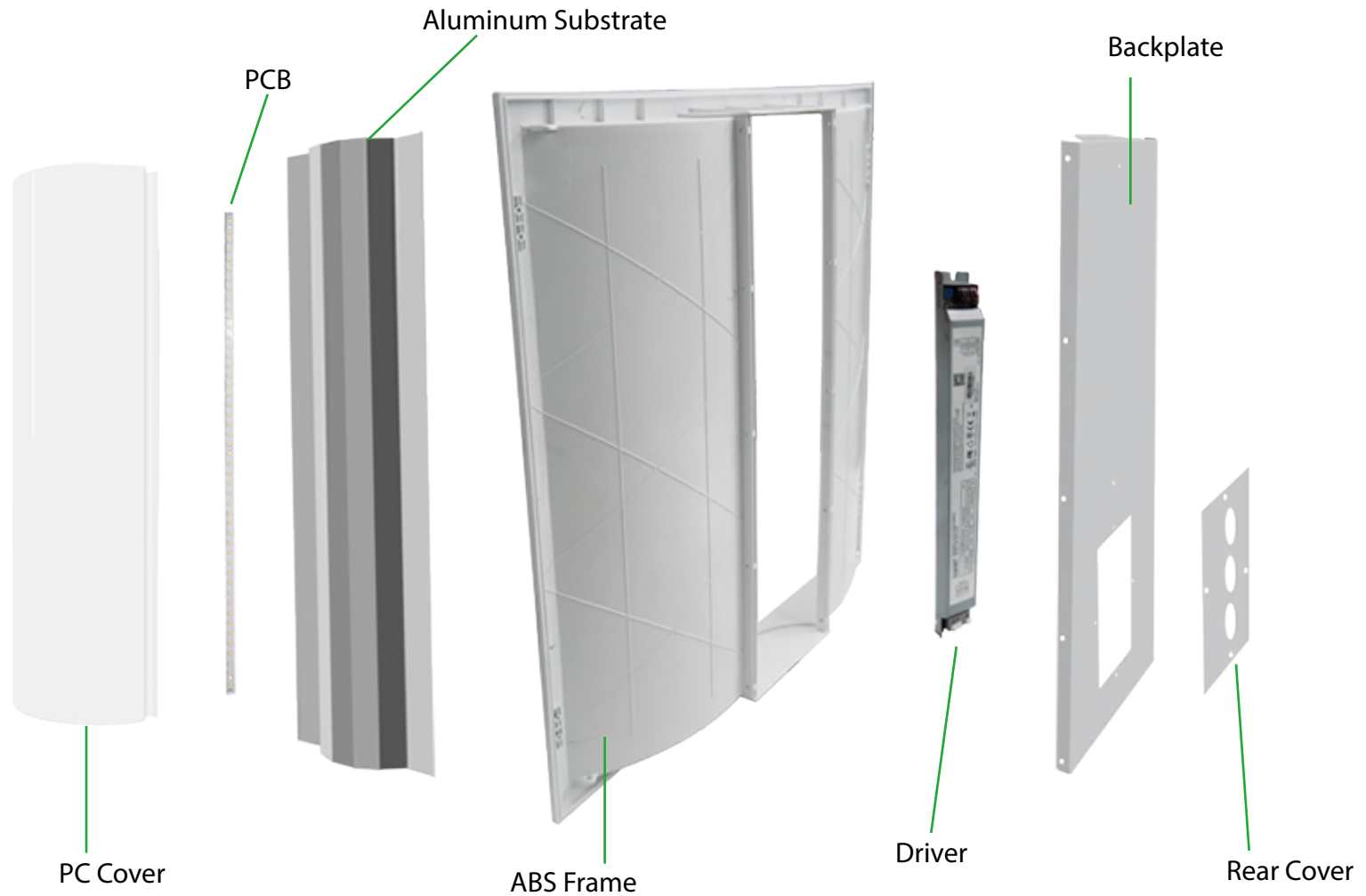
Parameters

Parameter

Model	Watt	Input Voltage	Lumens	LED Qty	Size(mm)	CCT	N.W
TL-28W-22FT	28W	AC 100-277V	100-110 lm/W	240 pcs	2 * 2 ft	3000K-3500K	2.55 kg/pc
TL-35W-22FT	35W			480 pcs	2 * 4 ft	4000K-4500K 5000K-5500K	5.20 kg/pc
TL-36W-24FT	36W						
TL-45W-24FT	45W						
TL-50W-24FT	50W						
TL-60W-24FT	60W						



Structures



Drivers

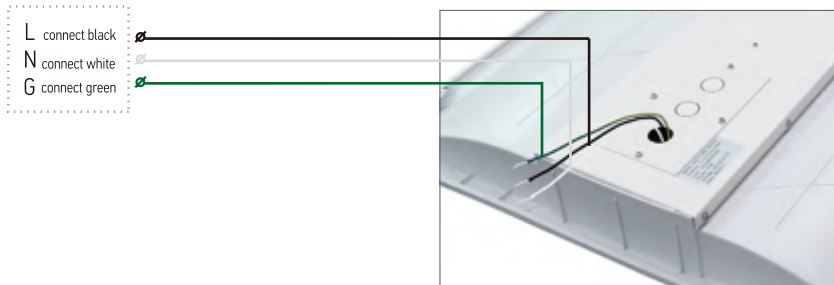


- ⚠ Non-Flicker ⚠ Overload protection ⚠ Short circuit protection ⚠ Low-voltage Protection

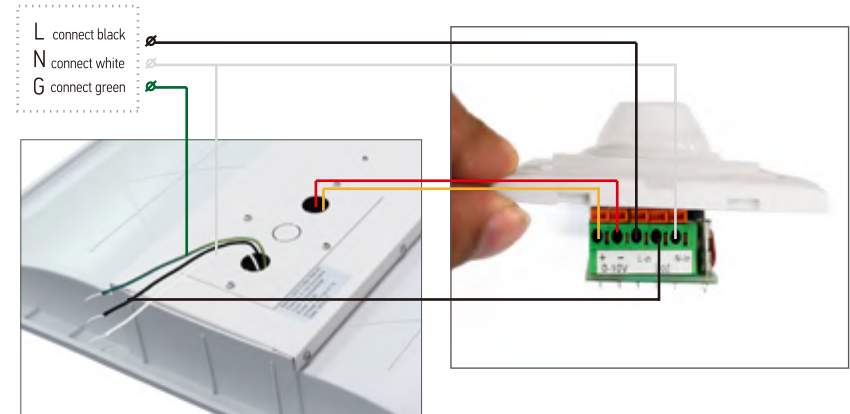
- Unique integration design, intelligent IC control.
- Circuit overload protection, short circuit protection, low-voltage protection.
- No stroboscopic, $PF > 0.95$ and high electricity conversion efficiency.
- Low heating value, insulating PV organic materials wrapped, Absolutely guarantee that circuits and aluminum shell is completely independent insulation, safe and reliable.
- High heat dissipation type of synthetic aluminum, good heat dissipation.

Wire connection

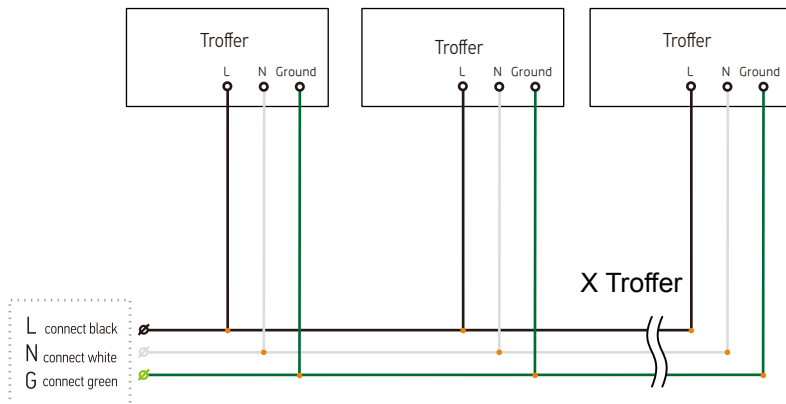
Wire connection



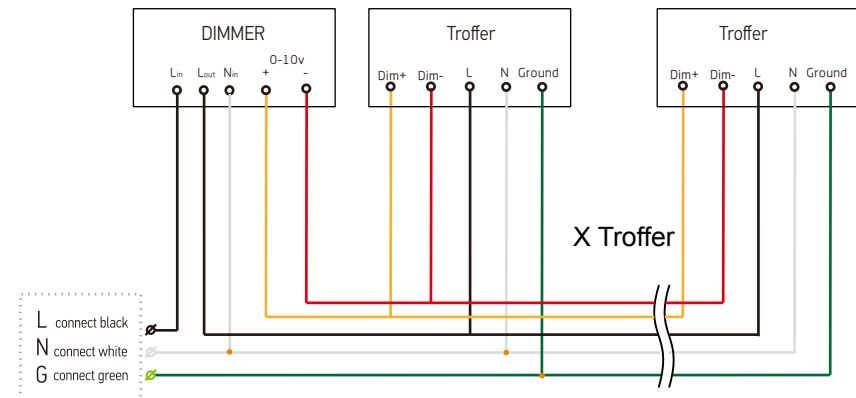
Wiring of troffer with 0-10V dimmable driver



Wire connection

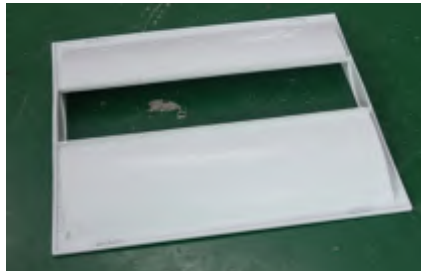
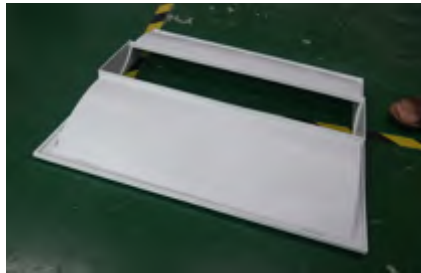


Wiring of troffer with 0-10V dimmable driver



Anti-pressure test

Anti-pressure test



Troffer adopt high-performance synthetic material, it can bear about 176 lbs without any transformation. Though the frame deform because of unilateral compression, it resumes once released, no signs of aging at all.

Anti-fire test

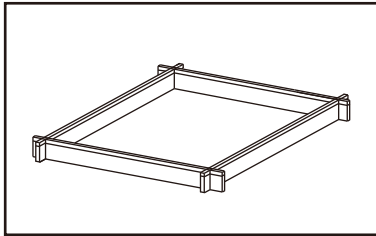
Anti-fire test



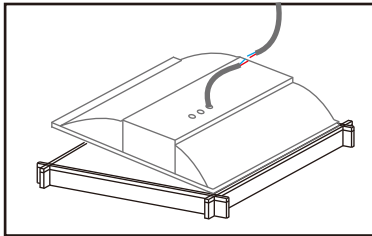
The troffer frame is mainly composed by ABS material mixed with other fireproof material, which can prevent or block the flame from spreading. The test proves that the fireproof performance is superior, completely unable to burn.

Installation & Package

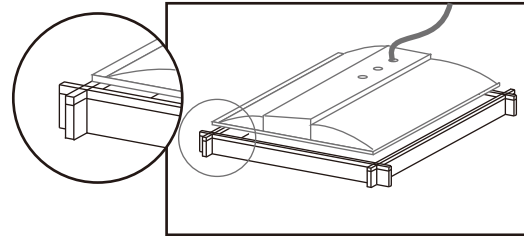
installation



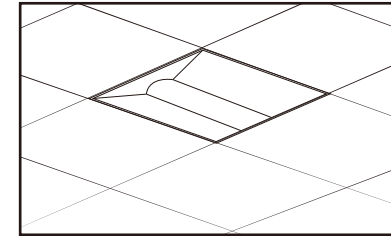
1.Remove Ceiling plaster slab.



2.Connect power supply.



3.Fix the troffer light into right place.



4.Stabilize the troffer light.

package

Item	N.W.	Carton Size(mm)	Qty	G.W.	Quantity loaded by 20 GP container	Quantity loaded by 40 GP container	Quantity loaded by 40 HQ container
2 x 2 FT	2.55 kg/pc	630x625x330	4pcs/CTN	14.2 kg/CTN	764	1724	2000
2 x4 FT	5.20 kg/pc	1235x625x170	2pcs/CTN	13.9 kg/CTN	236	626	836