COSUN

LED Troffer Light



SPECIFICATION FEATURES

Construction

●Constructed of one-piece ribbed unitized housing and corners that interlock, preventing damage to luminaire.

●All sides and corners are turned in and hemmed, removing sharp edges for safe handling and installation.

Optics

● Light engines are available in color selectable version, the CCT can be changed to three CCTs (3500K, 4000K, 5000K).

● Scalable Lumen Packages from 2,850 to 10,600 Lumens with efficacy up to 163lm/W.

● Features a low-glare diffuser lens is designed to shape the light uniformity and comfortable light.

Electrical

● Universal 120-277 VAC input voltage.

● Wattage adjustable: 30W,40W,50W,60W,70W

● 0-10V dimming standard for a dimming range of 100% to 10%.

● PF >90%, THD <20%.

● Operating Temperature Range: -25°C to 40°C (-13˚F - + 104˚F).

Note: Operating with emergency battery temperature range: 5°C to 40°C (+41˚F - + 104˚F).

Certifications

● UL cUL damp location listed.DLC Listed

Installation

● Fixture is suitable for recessed mounting withT-bar,and accessories for suspension and surface mounting are also available.

Lifespan

● Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Warranty

● Five-year limited warranty.

Applications

● Suitable for commercial, warehouses, parking lot, corridor, retail spaces.

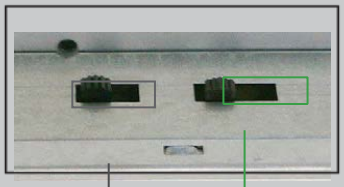
Note

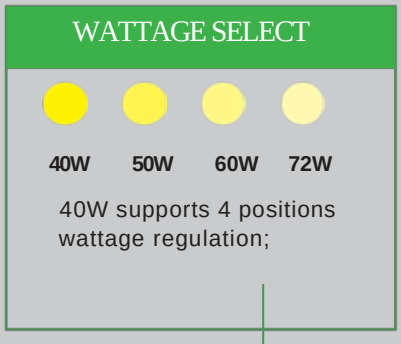
● Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured

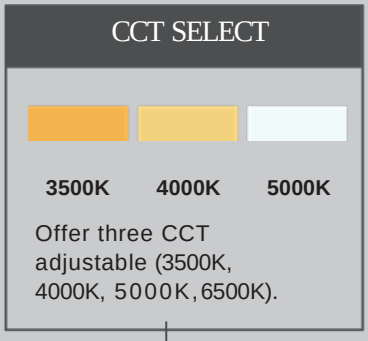
under laboratory conditions at 25°C(±5°C) specifications subject to change without notice.

CCT AND WATTAGE SELECTABLE

This fixture has the function of adjusting the lumens output and color temperature on-site.



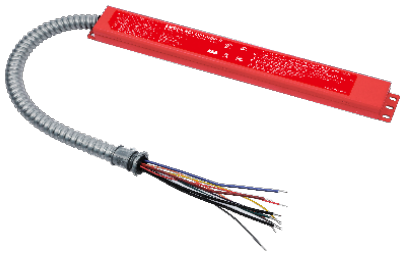




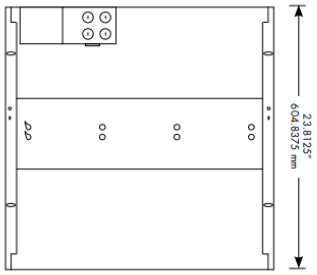
PERFORMANCE DATA

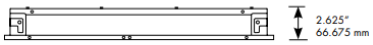
Model	Power	Luminous Flux	CCT	Input Voltage	DLC5.1 Premium
CS-TR14-15W-CCT	15W	1950LM	3000/3500/4000 5000/6500K/ Selectable	AC120-277V / AC120-347V	Low Bay
CS-TR14-30W-CCT	30W	3900LM			Low Bay
CS-TR14-40W-CCT	40W	5200LM			Low Bay
CS-TR14-50W-CCT	50W	6500LM			Low Bay
CS-TR14-65W-CCT	65W	10000LM			High Bay
CS-TR14-T65W-CCT	15/30/40/50/65W	10000LM			High Bay
CS-TR22-20W-CCT	20W	2600LM			Low Bay
CS-TR22-25W-CCT	25W	3250LM			Low Bay
CS-TR22-30W-CCT	30W	3900LM			Low Bay
CS-TR22-40W-CCT	40W	5200LM			Low Bay
CS-TR22-65W-CCT	65W	10000LM			High Bay
CS-TR22-T40W-CCT	20/25/30/35/40W	5200LM			Low Bay
CS-TR24-30W-CCT	30W	3900LM			Low Bay
CS-TR24-40W-CCT	40W	5200LM			Low Bay
CS-TR24-50W-CCT	50W	6500LM			Low Bay
CS-TR24-60W-CCT	60W	7800LM			Low Bay
CS-TR24-72W-CCT	72W	10000LM			High Bay
CS-TR24-T72W-CCT	30/40/50/60/72W	10000LM			High Bay

ACCESSORIES (Optional)

 Emergency Battery Backup (Sold separately)	 Sensor (Sold separately)

DIMENSION





Model	L×W×H
1x4FT	609x74x83(mm) / 47.6''x11.89''x2.6''
2x2FT	1185x74x83(mm) / 23.78''x23.78''x2.6''
2x4FT	2438x74x83(mm) / 47.6''x23.78''x2.6''

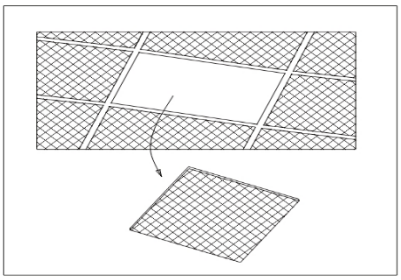
ORDERING GUIDE

Example: CS-TR24-60W-3CCT-MPIR-B8

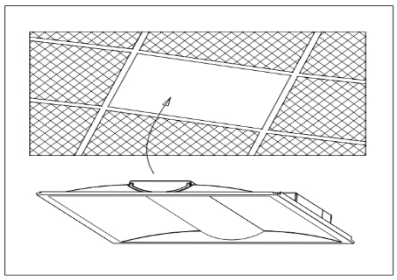
Fixture Type ☐	Wattage ☐	CCT ☐	Sensor (Option) ☐	Backup Battery (Option) ☐	Internal Code ☐	
TR24 2x4' Linear Fixture	**60w** Wattage 60W	**3CCT** Adjustable color temperature	**Blank** Without Sensor **MPIR** - PIR motion sensor **MIC** - microwave sensor	**B8** 8W Emergency Battery **Blank** Without Emergency Battery	**Blank** **Alphanumeric**	

Installation Instruction

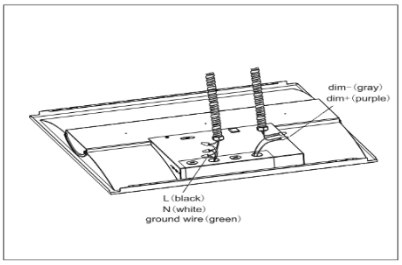
1.Remove 2x2 or 2x4 the from celling



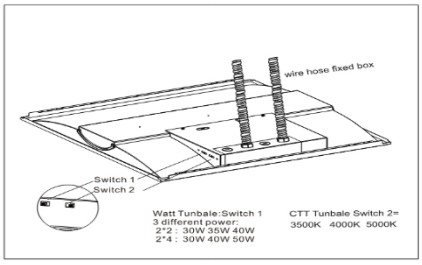
2.Put on the LED troffer



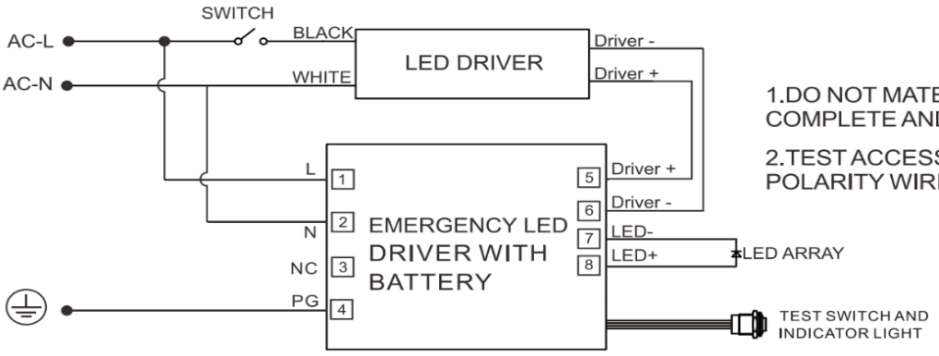
3. Connecting wire: As shown in the following figure: leading the wires pls use terminal cap to connect white wires, black wires and ground wires in pairs if dimming function is needed, then you need use terminal cap to connect purple wires and gray wires in pairs.



4.Fixed wire hose on the troffer, Then installation is completed.(0-10V CCT& Watts adjustable isolated-driver)

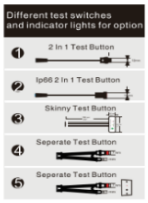


Install Emergency Power Cables



1.DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.

2.TEST ACCESSORY LEADS-OBSERVE PROPER POLARITY WIRING.



Packing Information

Size/ft	Outer box (L*W*H)	QTY/ctn(pcs)	N.W/pcs(lbs/Kg)	G.W/Ctn(lbs/Kg)
1x4ft	49.41"x4.72"x13.58"/1255x120x345mm	2	12.35	14.33
2x2ft	25.39"x4.72"x25.39"/645x120x645mm	2	11.51	13.44
2x4ft	49.41"x4.72"x25.39"/1255x120x645mm	2	22.26	23.35

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