

LED TROFFER LIGHT

POWER
SELECT

COLOR
SELECT



Note: Not all of the products indicated in this specification are DLC premium qualified, please refer to <https://www.designlights.org/searcher> for more details.

TROFFER LIGHT · DURABLE · SAVE COST

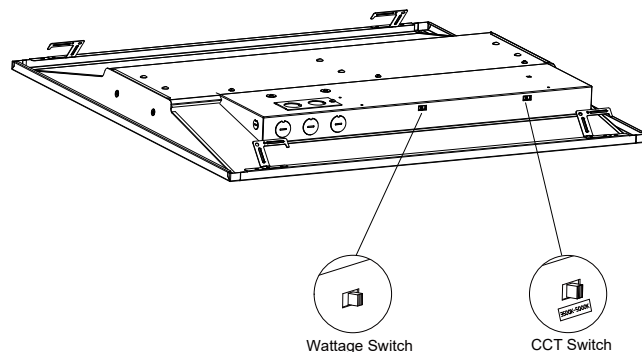
24inx24in / 24inx48in

Suitable for schools / hospitals / offices / retail and any other commercial and home use

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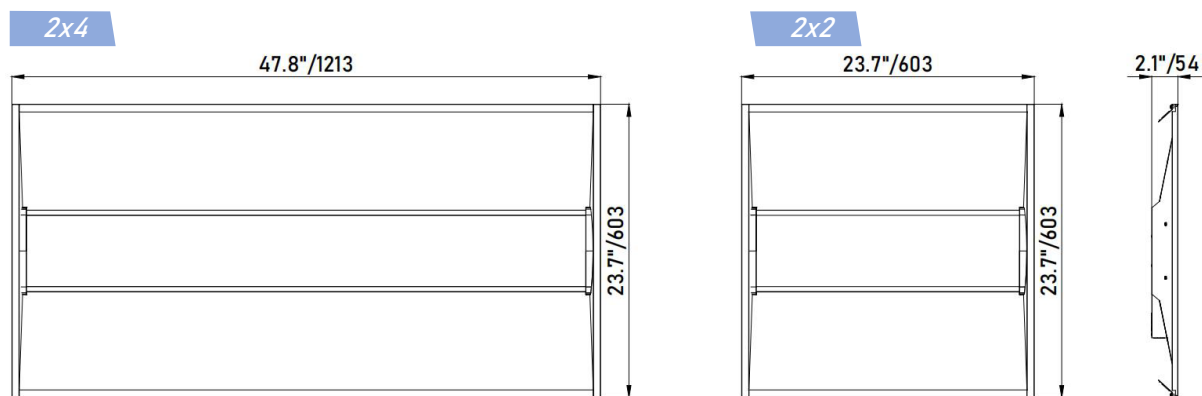
Features

1. Field-adjustable Power and CCT available.
2. Sheet metal stamping, Frosted PC lens.
3. Exhibit seamless and smooth finishes.
4. High power factor, low THD driver ,wide input AC120-277V
AC120-347,50/60Hz
5. Unified Glare Rating (UGR)<22,Flicker free($\leq 10\%$)
6. Versatile Installation
7. Sensor and EM solution available.
8. 5-year warranty
9. UL certified.
10. Design Lights Consortium (DLC) listed.
11. CUL / UL / SAA / CE / CB / TUV / GS approved.



Dimension

Unit:MM/INCH



DATA SHEET

Size	2x2	2x4
Input	AC120V-277V,50/60Hz /AC120V-347V,50/60Hz	
LED Model	SMD SEOUL 2835	
CCT Tunable	3500K 4000K 5000K	
WATTS Tunable	25W/30W/35W	34W/38W /45W
CRI	>80	
Beam Angle	120°	
Efficacy	>130lm/W	
Power Efficiency	>85%	
Dimming type	The Dimming type is continous,The product can dim to 10%	
Standard Lifetime	Lumen Maintenance, L70 > 100,000 hours	
Warrant	5 YEARS	
Operating temp.(°C)	-20°C ~50°C	
IESNA LM-79 & IESNA LM-80	Tested based on IESNA LM-79 and LM-80 by a third-party laboratory	
Multifunction Sensor	occupancy sensing and daylight sensing	
THD	<20%	
Power Factor	>0.95	
DIM	0-10V	
Mounting	Recessed Troffer Retrofit Kit	
Certificate	UL CUL FCC DLC ROHS	

Ordering Guide

ORDERING EXAMPLE:
E24-45/38/34

Product Series	Size	Power	Dimming	CCT
E	24	45/38/34	YDM	CCT
Extremely uniform Troffer lighting fixtures	2x4	45/38/34W Switchable Power)	0-10V Dimming	3500K/4000K/5000K Selectable

INSTRUCTIONS:

Always turn off the power supply from main circuit breaker first!

Figure 1

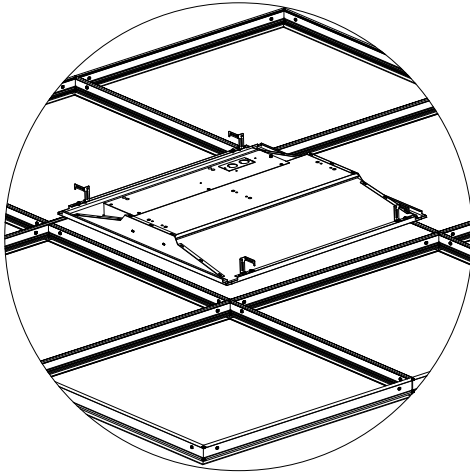


Figure 2

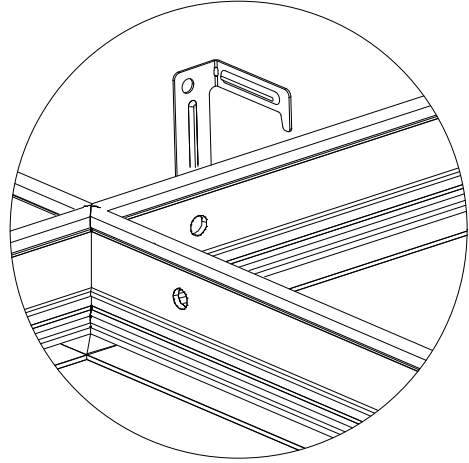


Figure 3

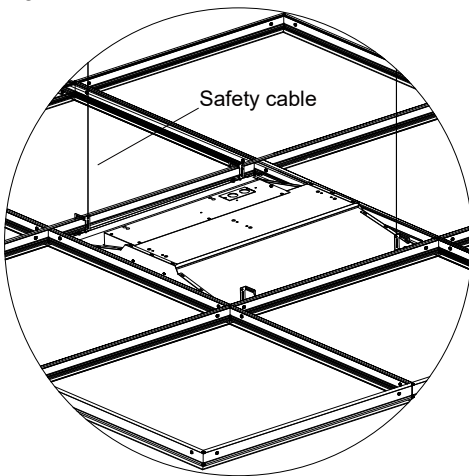
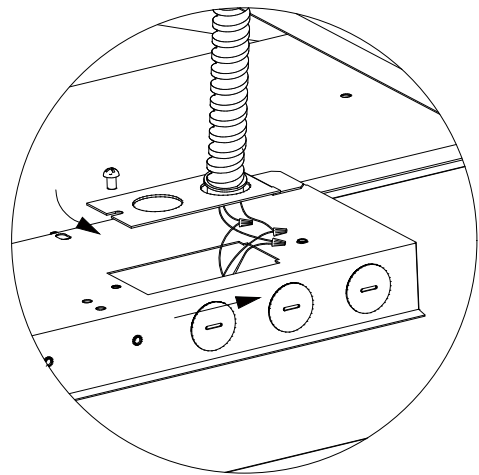


Figure 4



Mounting:
Grid ceiling / Surface mounting / Recessed drywall

Optional accessories(purchased separately)

*Surface mount kit

*Drywall mount kit

WARNING

- Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- All wiring connections should be capped with UL approved wire connectors.

Wiring diagram

Wiring Connection
Turn off the power, connect AC wire.
Dimmer connection (With dimmable driver.)
1.Compatible with 0-10V dimming.
2.Connect wires as below(Figure 1).

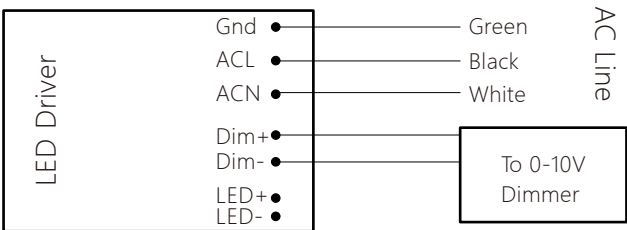


Figure 1

Performance

Product series	Size	Catalog No.	Input Wattage	Lumens Rated	Efficacy Rated	CCT
Field-adjustable Power & CCT	2X4	E24-45/38/34	45/38/34	5,850/5,000/4,500	130	3500K/4000K/5000K Selectable
	2X2	E22-35/30/25	35/30/25	4,550/3,900/3,250	130	