

DESCRIPTION

Create a modern look in your space by installing these back-lit LED panel/troffer hybrids. These color and wattage selectable fixtures combine the aesthetic of troffers with the uniform light distribution of panels.

FEATURES

- Efficiently replaces up to a 3 lamp fluorescent fixture
- Built-in emergency backup operates fixtures for at least 90 minutes in the event of a power failure
- Emergency backup self-tests immediately after initial installation, then again 120 minutes later; backup will then self-test every 30 days
- Dimmable with 0-10V dimmers; see Compatible Dimmers section for full list of compatible dimmers
- Light output varies depending on wattage and color temperature selected; see Selectable Table for full breakdown
- Wattage and color temperature is selectable via switches on the driver box; see installation instruction for more information

LISTINGS

- UL rated for damp locations
- IC Rated
- DesignLights Consortium® 5.1 Standard - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance

PERFORMANCE

- CRI: 80
- CCT: 3500K, 4000K, and 5000K
- LED L70 Life Hours @ 25°C: 60,000 hours

EMERGENCY OPERATION

- Operation: > 90 minutes
- Charging Time: 24 Hours
- Output Power: 6W
- Output Lumens: 600

THERMAL

- -4°F to 104°F (-20°C to 40°C) operating temperature

ELECTRICAL

- THD: <20%
- Power Factor: 0.9
- Input Voltage: 120-277V
- Dimmable power supply (1-10V)
- Surge Protection: 1000V

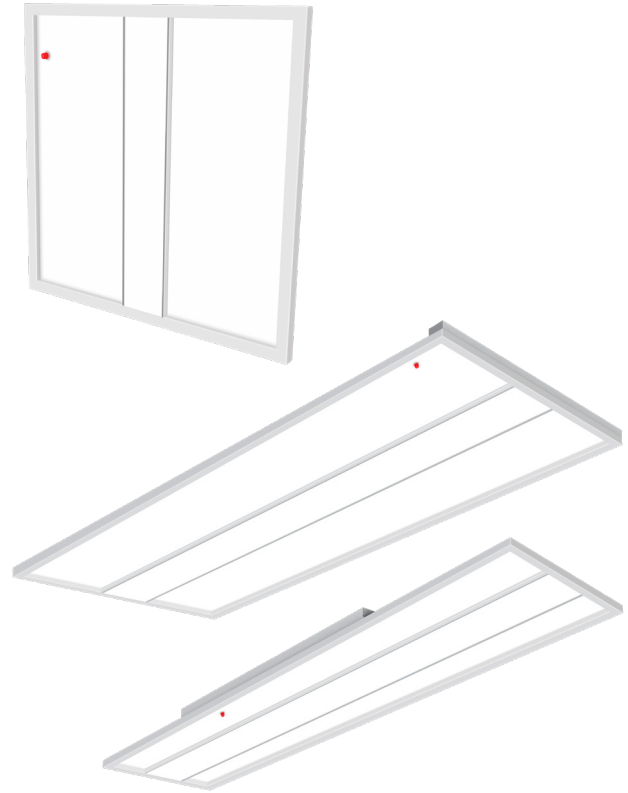
INSTALLATION

- Designed for recessed installation to a T-grid ceiling; see installation instructions for more information

CONSTRUCTION

- Extruded aluminum housing with white powder coat finish
- Frosted PMMA lens protects LEDs while evenly distributing light

project name	type
catalog number	
comments	voltage
approved by	date



WARRANTY

- 5-year limited warranty; see pltsolutions.com for warranty details

APPLICATIONS

- Conference Rooms
- Retail
- Offices
- Hospitality
- Healthcare
- Schools
- Reception Areas
- Corridors
- Foyer

PERFORMANCE SUMMARY

Item #	Size	Watts*	CCT*	CRI	Dimming	Voltage	Emergency Operation	Recharge Time	Emergency Operation Lumens	Replaces	DLC #	DLC Level
PLT-90344	1x4	25/ 30/ 35	3500K/ 4000K/ 5000K	80	0-10V	120-277V	> 90 Minutes	24 Hours	600	1 to 2 Lamp Fluorescent	PLTRD2111	5.1 Standard
PLT-90345	2x2	25/ 30/ 35	3500K/ 4000K/ 5000K	80	0-10V	120-277V	> 90 Minutes	24 Hours	600	1 to 2 Lamp Fluorescent	PLTRD1111	5.1 Standard
PLT-90346	2x4	30/ 40/ 50	3500K/ 4000K/ 5000K	80	0-10V	120-277V	> 90 Minutes	24 Hours	600	2-3 Lamp Fluorescent	PLTRD3111	5.1 Standard

*See Selectable Table for full breakdown

SELECTABLE TABLE

Item #	Wattage	CCT	Lumen	Efficacy
PLT-90344	25	3500K	2750	110
		4000K	2750	110
		5000K	2750	110
	30	3500K	3300	110
		4000K	3300	110
		5000K	3300	110
	35	3500K	3850	110
		4000K	3850	110
		5000K	3850	110
PLT-90345	25	3500K	2750	110
		4000K	2825	113
		5000K	2900	116
	30	3500K	3300	110
		4000K	3390	113
		5000K	3480	116
	35	3500K	3850	110
		4000K	3955	113
		5000K	4060	116
PLT-90346	30	3500K	3300	110
		4000K	3390	113
		5000K	3480	116
	40	3500K	4400	110
		4000K	4520	113
		5000K	4640	116
	50	3500K	5500	110
		4000K	5650	113
		5000K	5800	116

COMPATIBLE DIMMERS

Brand	Model #
Lutron	DTV
Leviton	IP-710-DL

FIXTURE DIMENSIONS

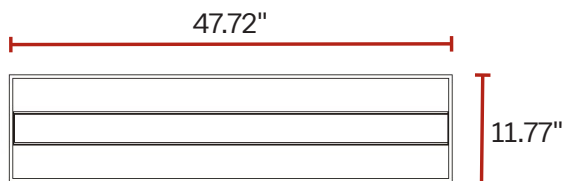
1X4 DIMENSIONS

Length: 47.72"

Height: 1.74"

Width: 11.77"

Weight: 6.99 lbs



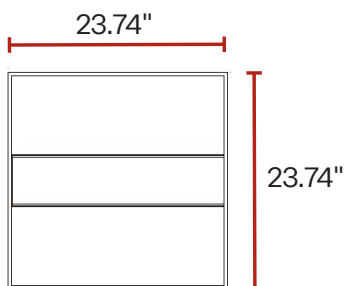
2X2 DIMENSIONS

Length: 23.74"

Height: 1.74"

Width: 23.74"

Weight: 5.97 lbs



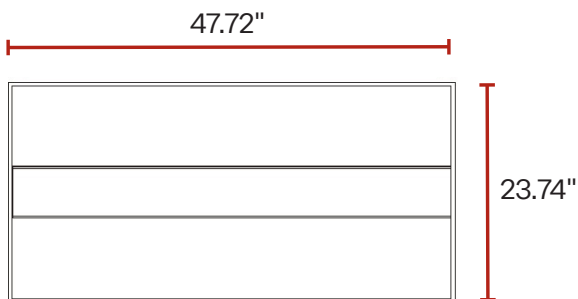
2X4 DIMENSIONS

Length: 47.72"

Height: 1.74"

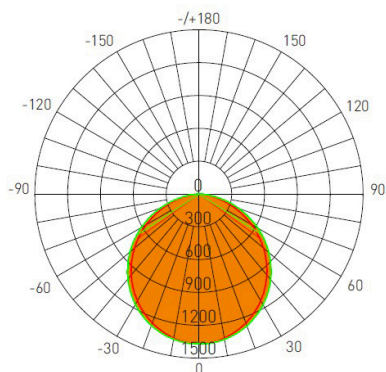
Width: 23.74"

Weight: 11.25



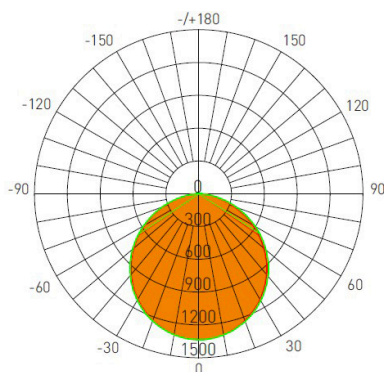
PHOTOMETRICS

1X4 @ 3500K



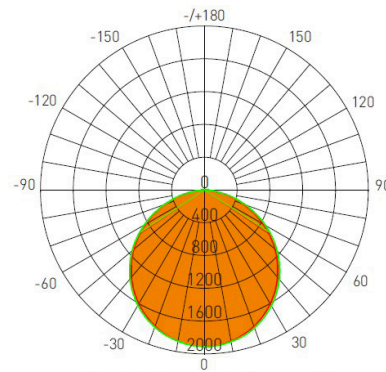
AVERAGE BEAM ANGLE(50%): 110.8°

2X2 @ 3500K



AVERAGE BEAM ANGLE(50%): 111.7°

2X4 @ 3500K



AVERAGE BEAM ANGLE(50%): 112.5°