

COLOR AND WATTAGE SELECTABLE LED TROFFER WITH EMERGENCY BACKUP

DESCRIPTION

Reduce energy and maintenance costs by replacing existing 2x2 or 2x4 fluorescent fixtures with these more efficient color and wattage selectable back-lit LED troffers featuring a built-in emergency backup.

FEATURES

- Up to 152 LPW ultra-high efficiency delivers superior performance over fluorescent fixtures
- Built-in emergency backup operates fixtures for at least 90 minutes in the event of a power failure; recharges in 12 hours
- Self-tests monthly and yearly; red indicator light is located on the housing
- IC rated; can come into direct contact with insulation
- 0-10V dimming
- 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
- **FCC**
- DesignLights Consortium® 5.1 Premium meets the requirements for the highest DLC qualification for efficacy and lumen maintenance

PERFORMANCE

CRI: 80

CCT: 3500K, 4000K, & 5000K LED L70 Life Hours: >100,000

EMERGENCY OPERATION

 Operation: 90 minutes Charging Time: 12 Hours Input Voltage: 100-277VAC

Output Power: 10W

Output Lumens: 1000 to 1500

THERMAL

-4°F to 122°F (-20°C to 50°C) operating temperature

ELECTRICAL

THD: <20%

Power Factor: >0.9

Input Voltage: 120-277V

Dimmable power supply (0-10V)

Surge Protection: 2kV

INSTALLATION

Designed for recessed installation to a T-grid (T-bar clips attached) ceiling; see installation instructions for more information

project name	type		
catalog number			
comments	voltage		
approved by	date		









CONSTRUCTION

- Stamped sheet metal housing with white finish
- Frosted PMMA lens protects LEDs while evenly distributing light

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 Output Lumens	Replaces	Default Settings	DLC #	DLC Level
PLT- 90352	2x2	20/ 25/ 30	3500K/ 4000K/ 5000K	80	0-10V	120-277V	90 minutes	12 Hours	1000 to 1500	2 Lamp Fluorescent	30W, 5000K	PLTM621311	5.1 Premium
PLT- 90353	2x4	34/ 38/ 45	3500K/ 4000K/ 5000K	80	0-10V	120-277V	90 minutes	12 Hours	1000 to 1500	4 Lamp Fluorescent	45W, 5000K	PLTM632311	5.1 Premium

^{*} See Selectable Table for full breakdown

SELECTABLE TABLE

Item #	Wattage	ССТ	Lumens	Efficacy	
		3500K	2838	141	
	20	4000K	3031	151	
		5000K	2925	146	
		3500K	3448	137	
PLT-90352	25	4000K	3667	146	
		5000K	3513	140	
		3500K	4023	134	
	30	4000K	4344	144	
		5000K	4117	137	
		3500K	4815	141	
	34	4000K	5169	152	
		5000K	4950	145	
		3500K	5286	139	
PLT-90353	38	4000K	5715	150	
		5000K	5460	143	
		3500K	6067	134	
	45	4000K	6598	146	
		5000K	6231	138	

DIMENSIONS

2X2 DIMENSIONS

Length: 23.7"

Height: 2.1"

Width: 23.7"

Weight: 7.94 lbs



2X4 DIMENSIONS

Length: 47.8"

Height: 2.1"

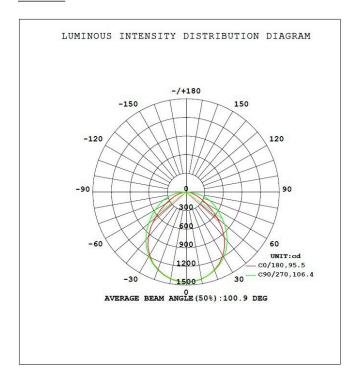
Width: 23.7"

Weight: 12.54 lbs



PHOTOMETRICS

2X2



<u>2X4</u>

