PT-TRO2 Series

Center Basket Troffer with CCT and Wattage Selector

Catalog Number:	Project Name:	Note:	Date:	Type:

2nd Generation Troffer

Portor's TRO2 luminaire with field-adjustable, and can be programmed with a CCT of 3500K, 4000K, or 5000K, eliminating the need to stock multiple color temperatures.

Ideal use for office spaces , walkways, schools/campuses, shopping centers, hospitality and health care industry.

3CCT SELECTOR

WATTAGE SELECTOR

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
The back-lit Frosted Polystyrene lens ensure uniform light distribution, while the diffuser lens minimizes glare and enhances overall energy efficiency.

ELECTRICAL
Luminaire is built with the highest quality driver that is Universal Voltage (120V-27V). Long life, high-efficacy, micro-power LEDs. Continuous dimming (0-10V) comes standard.

MOUNTING
Recessed ceiling mount ready. Surface mount with optional accessories.

CONTROLS
Options available for occupancy sensors with daylight harvesting function, TEELIO Bluetooth lighting controls, and Lutron AWN.

LISTING
UL Listed, DLC Listed, IC rated

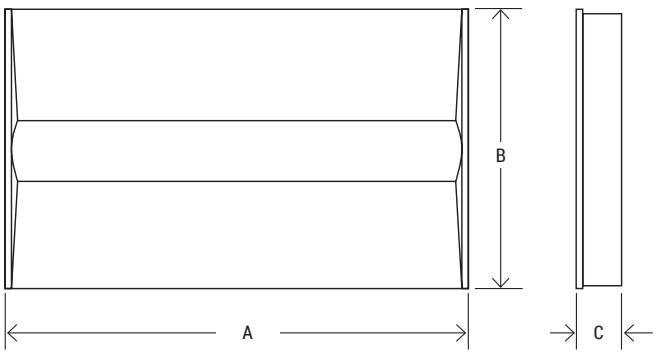
LIFESPAN
L70 > 100,000 hours

TECHNICAL SPECIFICATION

CCT	3500K/4000K/5000K
CRI	80+
DIMMING	1-10V dimming
VOLTAGE	120V-277V, 50/60 Hz
BEAM ANGLE	120°
CURRENT	0.9 - 0.33A
POWER FACTOR	>0.9
THD	≤20%
WORKING TEMPERATURE	-4°F ~ 122°F
IP RATING	IP40, For damp location
WARRANTY	5 year limited (Standard)

c UL us LISTED · DLC LISTED · IC RATED · DAMP LOCATIONS · RoHS COMPLIANT · AVAILABLE 5 7 10 YEAR LIMITED WARRANTY · DIMMABLE

DIMENSION



CATALOG NO.	PT-TRO2-24	PT-TRO2-22	PT-TRO2-14
A	47.8"	23.7"	47.8"
B	23.7"	23.7"	11.75"
C	2.76"	2.76"	2.76"
Net Weight	8.23 lbs	5.3 lbs	6.1 lbs
Gross Weight	10.34 lbs	6.4 lbs	7.28 lbs

PORTOR LIGHTING
a PORTOR INDUSTRY brand

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ORDERING SAMPLE: **PT-TRO2-24-3CP-PT-BTC-6-PT-BTN-PT-EM1-15W-MC-5W-SC-6F**

PT-TRO2 - ____ - **3CP** - ____ - ____ - ____ - ____

Fixture

Series	Size	CCT/Wattage
PT-TRO2	**14** (1' X 4')	**3CP** (25W/30W/35W) (35K/40K/50K)
	22 (2' X 2')	**3CP** (25W/30W/35W) (35K/40K/50K)
	24 (2' X 4')	**3CP** (34W/38W/45W) (35K/40K/50K)

Controls/Sensors[3]

TEELIO[1]

__ Blank

PT-BTC-6
6A Bluetooth Power Pack

PT-BTN
Internally Installed Low Voltage Bluetooth Node

Analog Sensors

__ Blank

PT-MSH-LV-MW
Internally Installed Low Voltage Microwave Sensor

Lutron AWN

__ Blank

AWN-RF
RF only Athena Wireless Node (white) Lutron Model #: A-WN-D01-RF-WH

Add-On[3]

Remote

__ Blank

PT-MSH-RC
Remote control for Analog Sensors

____ - ____ - ____ - ____ - ____ - ____

Add-On[3]

EM Battery

__ Blank

PT-EMD-8W
8W DC Emergency Battery Pack

Mounting[3]

Surface Mount Kit

__ Blank

SMK-UNI-14
1'x4' Surface Mount Kit

SMK-UNI-22
2'x2' Surface Mount Kit

SMK-UNI-24
2'x4' Surface Mount Kit

Pendant Mounting Kit

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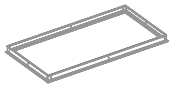

FK-14
1'x4' Flange Kit

FK-22
2'x2' Flange Kit

FK-24
2'x4' Flange Kit

Aircraft Cable

__ Blank

A-CBL-BLP-224
5' Aircraft Cable for 1x4, 2x2, 2x4

Fixture Add-on[3]

Transformer[2]

__ Blank

PT-SDT-325
325 VA Step down Transformer

Junction Box

__ Blank

JB-BLP
Extension Junction Box for 2x2 and 2x4 panel

Whips

__ Blank

MC-5W-SC-6F
6ft 5-wire MC Whip with Screw-in Connector

MC-6W-SC-6F
6ft 6-wire MC Whip with Screw-in Connector

MC-5W-SN-HD-6F
6ft 5-wire MC Whip with Snap-in Head Connector

MC-6W-SN-HD-6F
6ft 6-wire MC Whip with Snap-in Head Connector

Other Option[3]

Warranty

__ Blank (5 year standard)

7YR
7-year Limited Warranty

10YR
10-year Limited Warranty

[1] *DOWNLOAD THE TEELIO APP*

Download on the App Store

GET IT ON Google Play

[2] *TRANSFORMER*

PT-SDT-325 is a step-down auto-transformer designed to convert high voltage, low current power into low voltage, high current power. It has a maximum power rating of 325VA, which makes it suitable for use in a variety of applications, such as electrical power transmission, distribution, and electronic devices.

[3] *SOLD SEPARATELY*

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Catalog Number:	Project Name:	Note:	Date:	Type:

LUMEN PACKAGES

(Delivered lumens are based on the actual IES results)

CATALOG NUMBER	WATTAGE	CCT	DELIVERED LUMENS	EFFICACY (LM/W)	DLC ID
PT-TRO2-14-3CP	25W	3500K	3,378	135	S-KZ1P9S
		4000K	3,511	145	
		5000K	3,475	138	
	30W	3500K	3,973	131	
		4000K	4,150	143	
		5000K	4,086	135	
	35W	3500K	4,543	128	
		4000K	4,753	140	
		5000K	4,654	131	

CATALOG NUMBER	WATTAGE	CCT	DELIVERED LUMENS	EFFICACY (LM/W)	DLC ID
PT-TRO2-22-3CP	25W	3500K	3,382	133	S-DDM19F
		4000K	3,563	145	
		5000K	3,442	135	
	30W	3500K	3,925	128	
		4000K	4,169	141	
		5000K	3,991	131	
	35W	3500K	4,336	125	
		4000K	4,628	139	
		5000K	4,393	127	

CATALOG NUMBER	WATTAGE	CCT	DELIVERED LUMENS	EFFICACY (LM/W)	DLC ID
PT-TRO2-24-3CP	34W	3500K	4,469	136	S-7HWVTX
		4000K	4,675	146	
		5000K	4,615	140	
	38W	3500K	4,998	134	
		4000K	5,208	145	
		5000K	5,115	137	
	45W	3500K	5,826	131	
		4000K	6,189	144	
		5000K	5,940	133	

WHAT'S IN THE BOX?
- Fixture
- Installation sheet

QTY/CARTON

2 PIECES

SURFACE MOUNT KIT - UNI

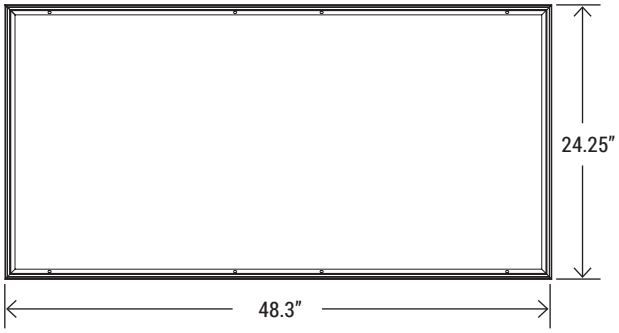
Surface Mount Kit for Troffer and Flat Panel

Catalog Number:	Project Name:	Note:	Date:	Type:

DESCRIPTION

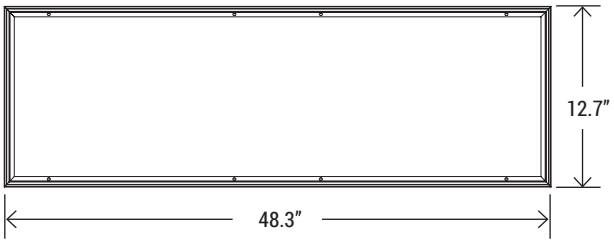
- Made of 22 ga cold rolled steel
- Painted in white after fabrication
- Easily convert recessed troffer/panel to surface mount
- Available in 2'x4', 1x4', 2'x2'

2' X 4'



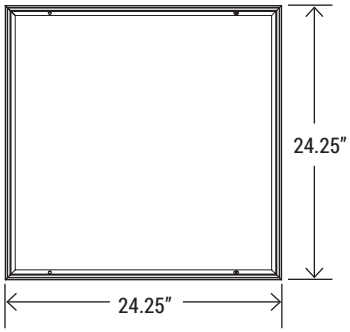
SMK-UNI-24
2' x 4' Surface Mount Kit for Troffer/Flat Panel

1' X 4'



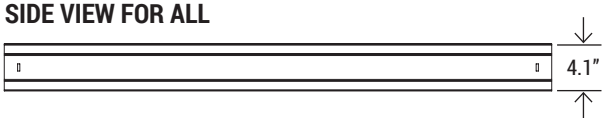
SMK-UNI-14
1' x 4' Surface Mount Kit for Troffer/Flat Panel

2' X 2'



SMK-UNI-22
2' x 2' Surface Mount Kit for Troffer/Flat Panel

SIDE VIEW FOR ALL



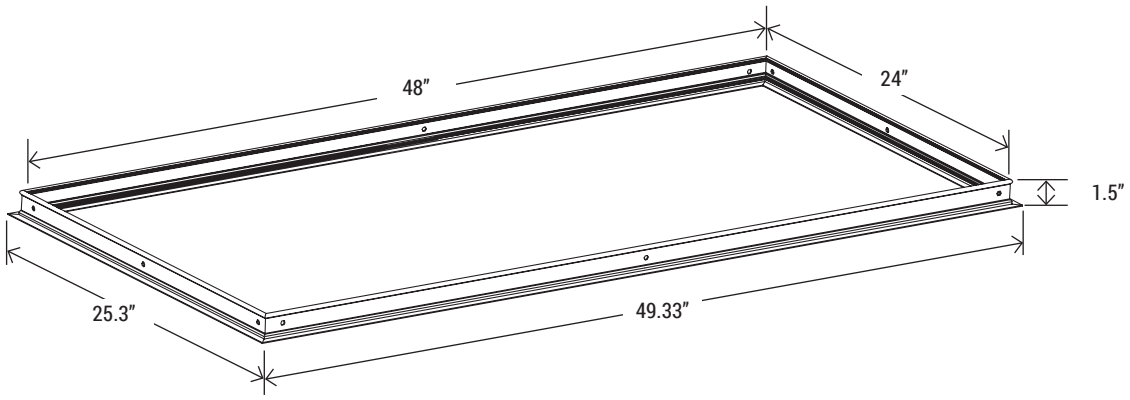
FLANGE KIT

White Finished Aluminum Flange Kit

Catalog Number:	Project Name:	Note:	Date:	Type:

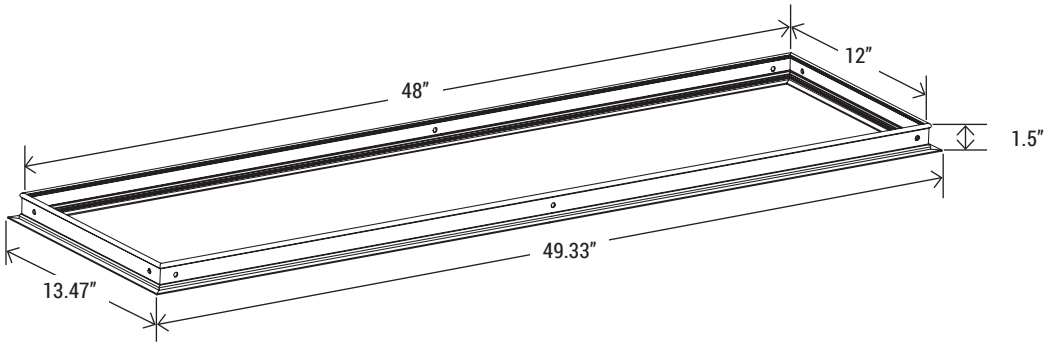
FK-24

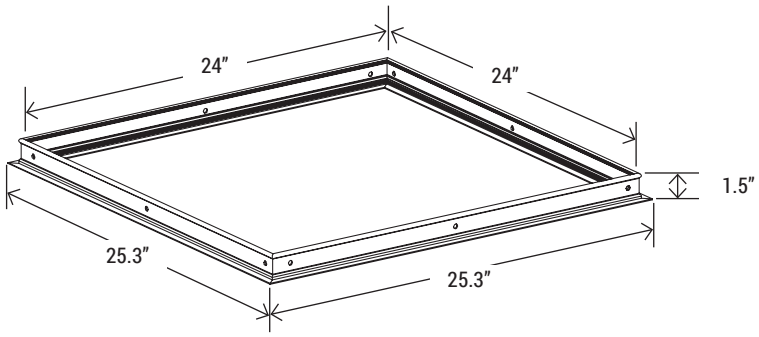
2′ x 4′ Flange Kit



FK-14

1′ x 4′ Flange Kit



FK-22

2′ x 2′ Flange Kit