

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

Portor's TFA is 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.



**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.

**ELECTRICAL**

Luminaire is built with the highest quality 120-277VAC drivers.

**OPTICAL SYSTEM**

Designed to reduce glare and improve light distribution through precision formed lens optics.

**DIMMING**

1-10V dimmable standard

**LISTING**

UL Listed, DLC Premium Listed

WATTAGE	DELIVERED LUMENS	EFFICACY
42W	4050 @ 3500K	128 lm/W
	5460 @ 5000K	

*Based on the higher wattage @ 3500K/4000K/5000K setting. Actual lumens may vary.*

**TECHNICAL SPECIFICATION**

WATTAGE	30W/35W/42W
CCT	3500K/4000K/5000K
CRI	82
DIMMABLE	0-10V dimming
BEAM ANGLE	120°
VOLTAGE	120V-277V
POWER FREQUENCY	50/60 Hz
POWER FACTOR	>0.9
THD	≤10%
WORKING TEMPERATURE	-40°F ~ 122°F
STORAGE TEMPERATURE	-40°F ~ 158°F
IP RATING	IP44, Suitable for damp locations
WARRANTY	5 year limited

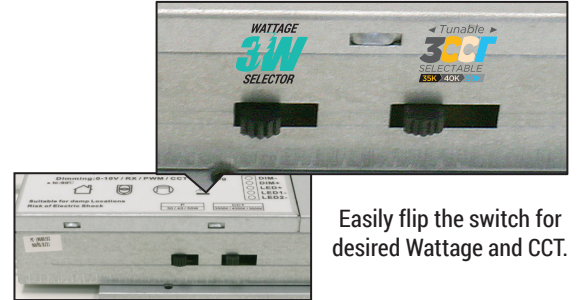
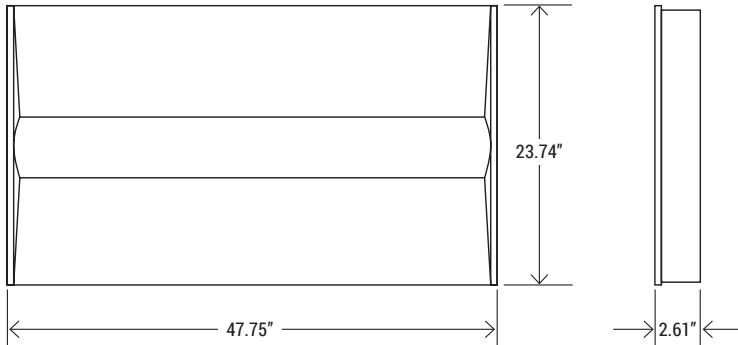


ORDERING SAMPLE:  -  -  -  -  -

Series	Size	Wattage	CCT	Accessories/Options	
PT-TFA LED Field-Adjustable Troffer	24 (2' x 4')	(Default at 30W) <b>30W/35W/42W</b>	<b>3CCT</b> (Default @ 4000K) (3500K/4000K/5000K)	Sensor	EM Battery
				MSS-TR MSS-RC-100	PT-A-EM1-15W

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**DIMENSION**



Easily flip the switch for desired Wattage and CCT.

**MOTION SENSOR**



**MSS-TR**  
Microwave Bi-Level Motion Sensor for Troffer



**MSS-RC-100**  
Indoor Sensor Remote Programmer for Troffer

**OPTIONS**



**PT-A-EM1-15W**  
LED Emergency Driver



**DLC LISTING**

CATALOG NUMBER	WATTAGE	DELIVERED LUMENS	EFFICACY	DLC PRODUCT ID	CLASSIFICATION
PT-TFA-24-3CCT	42W	4050 @ 3500K	128 lm/W	PLPCI6H8S8VY	PREMIUM
PT-TFA-24-3CCT		5460 @ 5000K	128 lm/W		

*Based on the higher wattage @ 3500K/5000K setting. Actual lumens may vary.*

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**PHOTOMETRY**

**PT-TFA-24-3CCT**

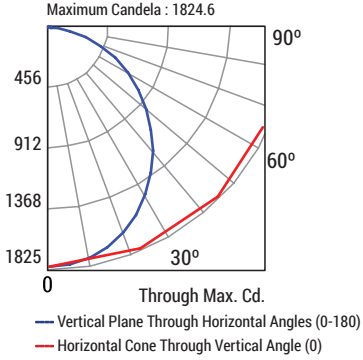
Wattage: **42W**

Delivered lumens: **5543**

Efficacy: **132 lm/W**

CCT: **3500K**

CRI: **82**



RCR	Coefficients of Utilization																						
	20%																						
	80%			70%			50%																
0	1	2	3	4	5	6	7	8	9	10	0	1	2	3	4	5	6	7	8	9	10		
0	119	119	119	119	116	116	116	116	111	111	111	111	111	111	111	111	111	111	111	111	111	111	
1	108	103	98	94	105	100	96	92	96	93	89	96	93	89	96	93	89	96	93	89	96	93	89
2	97	89	81	75	95	87	80	74	83	77	73	83	77	73	83	77	73	83	77	73	83	77	73
3	89	77	69	62	86	76	68	61	73	66	60	73	66	60	73	66	60	73	66	60	73	66	60
4	81	68	59	52	78	67	58	52	64	57	51	64	57	51	64	57	51	64	57	51	64	57	51
5	74	61	52	45	72	60	51	44	58	50	44	58	50	44	58	50	44	58	50	44	58	50	44
6	68	55	45	39	67	54	45	39	52	44	38	52	44	38	52	44	38	52	44	38	52	44	38
7	63	50	41	34	62	49	40	34	47	39	34	47	39	34	47	39	34	47	39	34	47	39	34
8	59	45	36	30	57	44	36	30	42	36	30	42	36	30	42	36	30	42	36	30	42	36	30
9	55	41	33	27	54	41	33	27	40	32	27	40	32	27	40	32	27	40	32	27	40	32	27
10	52	38	30	25	50	38	30	25	37	30	25	37	30	25	37	30	25	37	30	25	37	30	25

CP Summary		
	0°	90°
0°	1824.6	1824.6
5°	1819.4	1818.3
15°	1749.1	1766.2
25°	1604.2	1661.9
35°	1400.1	1510.4
45°	1152.4	1322.5
55°	884.2	1135.5
65°	606.7	928.4
75°	338.5	628.0
85°	99.8	168.5
90°	2.2	0.0

Zonal Lumen Summary			
	Lumens	%Lamp	%Fixture
0° - 20°	666.15	12.00	12.00
0° - 30°	1412.48	25.50	25.50
0° - 40°	2311.75	41.70	41.70
0° - 60°	4133.37	74.60	74.60
0° - 80°	5379.37	97.00	97.00
0° - 90°	5540.48	100.00	100.00

**PT-TFA-24-3CCT**

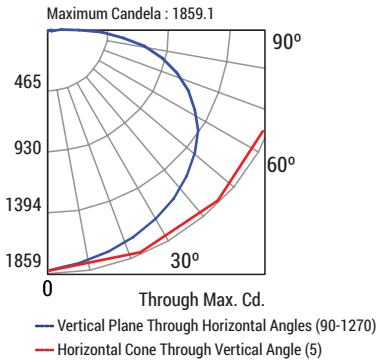
Wattage: **42W**

Delivered lumens: **5660**

Efficacy: **135 lm/W**

CCT: **5000K**

CRI: **82**



RCR	Coefficients of Utilization																						
	20%																						
	80%			70%			50%																
0	1	2	3	4	5	6	7	8	9	10	0	1	2	3	4	5	6	7	8	9	10		
0	119	119	119	119	116	116	116	116	111	111	111	111	111	111	111	111	111	111	111	111	111	111	
1	108	103	98	94	105	100	96	92	96	93	89	96	93	89	96	93	89	96	93	89	96	93	89
2	97	89	81	75	95	87	80	74	83	77	73	83	77	73	83	77	73	83	77	73	83	77	73
3	89	77	69	62	86	76	68	61	73	66	60	73	66	60	73	66	60	73	66	60	73	66	60
4	81	68	59	52	78	67	58	52	64	57	51	64	57	51	64	57	51	64	57	51	64	57	51
5	74	61	52	45	72	60	51	44	58	50	44	58	50	44	58	50	44	58	50	44	58	50	44
6	68	55	45	39	67	54	45	39	52	44	38	52	44	38	52	44	38	52	44	38	52	44	38
7	63	50	41	34	62	49	40	34	47	39	34	47	39	34	47	39	34	47	39	34	47	39	34
8	59	45	36	30	57	44	36	30	43	36	30	43	36	30	43	36	30	43	36	30	43	36	30
9	55	41	33	27	54	41	33	27	40	32	27	40	32	27	40	32	27	40	32	27	40	32	27
10	52	38	30	25	50	38	30	25	37	30	25	37	30	25	37	30	25	37	30	25	37	30	25

CP Summary		
	0°	90°
0°	1858.7	1858.7
5°	1852.7	1859.1
15°	1779.0	1818.0
25°	1632.1	1722.9
35°	1423.8	1578.1
45°	1173.1	1392.4
55°	899.8	1207.1
65°	613.5	998.0
75°	343.7	679.5
85°	98.4	171.3
90°	2.8	0.0

Zonal Lumen Summary			
	Lumens	%Lamp	%Fixture
0° - 20°	678.74	12.00	12.00
0° - 30°	1439.42	25.40	25.40
0° - 40°	2356.56	41.60	41.60
0° - 60°	4216.62	74.50	74.50
0° - 80°	5491.80	97.00	97.00
0° - 90°	5657.42	100.00	100.00