PROlite LED Lighting™
A Division of Emergensee® Lighting Inc. Emergensee

JOB NAME: _____

TYPE: _____

PART #: _____

NOTES: _____

PTH-TTR TUNABLE LED TROFFER

Illuminate indoor facilities day and night with tunable technology for 9X Setting Combinations, Select (3500K, 4000K, 5000K), Select 2x2 (20W, 25W, 30W) or Select 2x4 (30W, 35W, 42W).

FEATURES

Lumen Output	2600 to 5460 lumens
Efficacy	130 lm/W
Input Voltage	120-277V
Dimmable	0-10V Continuous
CCT	Select (3500K, 4000K, 5000K)
Size	2x2, 2x4
Warranty	7 Years

2x2 and 2x4 Models

APPLICATIONS
Premium indoor luminaire suitable for general indoor commercial spaces, lobbies, offices, meeting rooms, schools, retail stores, restrooms, hallways and work-stations.

CONSTRUCTION
Manufactured for durability using aluminum sheet housing with satin coating to resist corrosion, discoloration, and scratching. For use in Dry Locations.

ELECTRICAL
Input voltages 120-277V with 0-10V Continuous Dimming. Tunable CCT (3500K, 4000K, 5000K) and Tunable Wattage (2x2, 20W, 25W, 30W) or (2x4, 30W, 35W, 42W). Operating temperatures -4°F to 104°F (-20°C to 40°C)

MOUNTING
Recessed T-Bar Ceiling Mount.

OPTICS
Anti-UV Frosted Polycarbonate Lens.

LISTINGS
DLC Premium listed. UL certified to meet US and Canadian standards. FCC, CE and RoHS compliant.
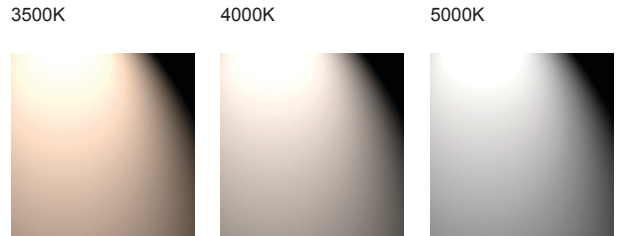
WARRANTY
7 year exclusive limited warranty.

TUNABLE
CORRELATED COLOR TEMPERATURES (CCT)

3500K   4000K   5000K

SPECIFICATIONS

ENERGY DATA
Input Voltage: 120-277V

Input Frequency: 50/60 Hz

Wattage: Select (20W, 25W, 30W), Select (30W, 35W, 42W)

Power Factor: >0.9

Total Harmonic Distortion (THD): <10%

Operating Temperature: -4°F to 104°F (-20°C to 40°C)

LIGHTING DATA
Lumens: Select [2600 (20W), 3250 (25W), 3900 (30W)] or Select [3900 (30W), 4550 (35W), 5460 (42W)]

Lumens Per Watt: 130 lm/W

Color Correlated Temperature (CCT): Select (3500K, 4000K, 5000K)

Dimmable: 0-10V

**Color Rendering Index (CRI):** >80

L70: 75000 hours

ORDERING INFORMATION

Model	Size	Wattage	Voltage	Current	Lumens	Efficacy	CCT	Dimming	Color	Dimensions	Weight
PTH-TTR-22-30W	2x2	(20W 25W 30W)	120-277V	0.17A@120V, 0.07A@277V 0.21A@120V, 0.09A@277V 0.25A@120V, 0.11A@277V	2600 3250 3900	130 lm/W	(3500K, 4000K, 5000K)	0-10V	White	23.74"L x 23.74"W x 4.00"H	8.50 lbs
PTH-TTR-24-45W	2x4	(30W 35W 42W)	120-277V	0.25A@120V, 0.11A@277V 0.29A@120V, 0.13A@277V 0.35A@120V, 0.15A@277V	3900 4550 5460	130 lm/W	(3500K, 4000K, 5000K)	0-10V	White	47.75"L x 23.74"W x 3.00"H	16.00 lbs

DIMENSIONS

2x2 Models

23.74"L x 23.74"W x 4.00"H

L

W

H
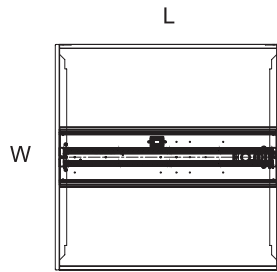
2x4 Models

47.75"L x 23.74"W x 3.00"H

L

W

H

Polar Candela Distribution
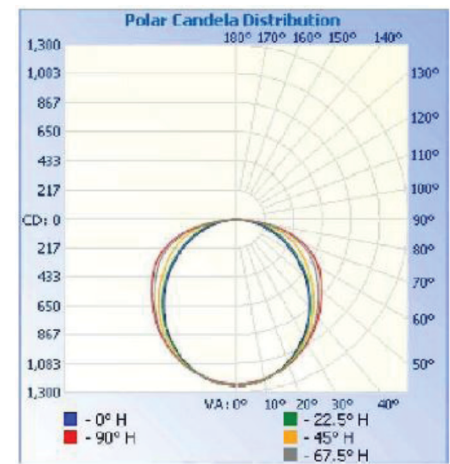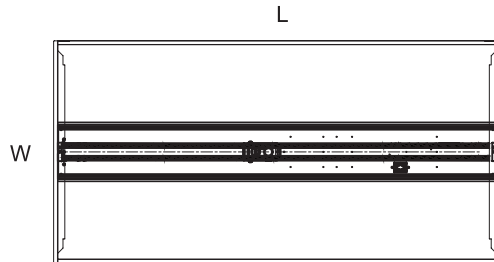
SHIPPING INFORMATION

Model	Unit Weight	Shipping Dimensions	Shipping Weight	Quantity/ Box
2x2	8.50 lbs	25.00"L x 24.50"W x 4.25"D	10.60 lbs	1
2x4	16.00 lbs	49.50"L x 24.50"W x 4.00"D	19.00 lbs	1

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	960.4	25.3%	25.3%
0-40	1572.8	41.5%	41.5%
0-60	2818.7	74.4%	74.4%
60-90	962.5	25.4%	25.4%
70-100	452.9	12.0%	12.0%
90-120	3.1	0.1%	0.1%
0-90	3781.2	99.8%	99.8%
90-180	8.0	0.2%	0.2%
0-180	3789.2	100%	100%