

# TriLum Tunable LED Troffer Retrofit Kit

# RETROFIT

The TriLum Tunable LED Center Basket Troffer Retrofit Kit, Select (3-Wattages + 3-CCT), 130 lm/W, Dimmable + Smart Inside

Project:
Date:
Catalog No:
Prepared By:

## FEATURES

Lumen Output	2600 to 4420 lumens
Efficacy	130 lm/W
Input Voltage	120-277V
Dimmable	0-10V Continuous
Size	2x2, 2x4
CCT	Select (3500K, 4000K, 5000K)
Warranty	7 Years

2x2 and 2x4 Models



## APPLICATIONS

Premium indoor troffer retrofit kit 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 voltage 120-277V models with 0-10V Continuous Dimming. Tunable 3-CCT (3500K, 4000K, 5000K) and Tunable 3-Wattage. Operating temperatures -4°F to 104°F (-20°C to 40°C).

## MOUNTING

Integrated retrofit kit for existing 2x2 and 2x4 troffers with Self-Tapping Screws. Includes Side and End T-Bar Frame Plates.

## OPTICS

Anti-UV Frosted Polycarbonate Lens.

## CONTROLS

Installed fixture integrated Smart Sensor for Daylight and Bi-Level Motion Dimming available.

## EMERGENCY

Installed 90 Minute Emergency Backup Battery LED Driver available.

## LISTINGS

DLC Premium listed. UL certified to meet US and Canadian standards. FCC and RoHS compliant.

## WARRANTY

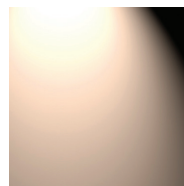
7 year exclusive limited warranty. View complete product warranty information <https://etheriumled.com/warranty/>.

## 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), (25W, 30W, 34W)  
**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, 3250, 3900), (3250, 3900, 4420)  
**Lumens Per Watt:** 130 lm/W  
**Color Correlated Temperature (CCT):** Select (3500K, 4000K, 5000K)  
**Dimmable:** 0-10V  
**Color Rendering Index (CRI):** >82  
**L70:** 75000 hours

## ORDERING INFORMATION

Model	Size	Wattage	Voltage	Current	Lumens	Efficacy	CCT	Dimming	Color	Dimensions	Weight
ETH-TTRK-22-30W	2x2	20W	120-277V	0.17A@120V, 0.07A@277V	2600	130 lm/W	(3500K, 4000K, 5000K)	0-10V	White	23.90"L x 23.90"W x 3.00"H	8.49 lbs
		25W		0.21A@120V, 0.09A@277V	3250						
		30W		0.25A@120V, 0.11A@277V	3900						
ETH-TTRK-24-34W	2x4	25W	120-277V	0.21A@120V, 0.09A@277V	3250	130 lm/W	(3500K, 4000K, 5000K)	0-10V	White	45.50"L x 22.12"W x 2.87"H	15.00 lbs
		30W		0.25A@120V, 0.11A@277V	3900						
		34W		0.28A@120V, 0.12A@277V	4420						

Sensor		Emergency	
<b>SMART</b>	INSTALLED - Smart Sensor for Daylight and Bi-Level Motion Dimming	<b>EM</b>	INSTALLED - 90 Minute Emergency Backup Battery LED Driver
<b>(Blank)</b>	None	<b>(Blank)</b>	None

## ORDERING GUIDE

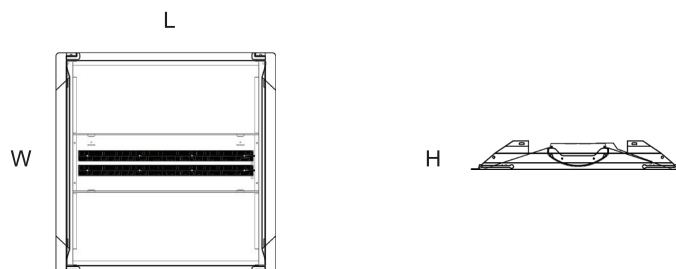
ETH	TTRK	22	30W	SMART	EM
ETH	Group	Size	Max Wattage	Sensor	Emergency



## PHYSICAL DIMENSIONS

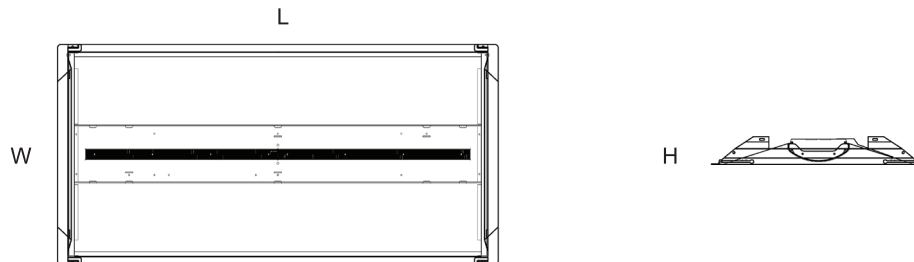
### 2x2 Models

23.90"L x 23.90"W x 3.00"H



### 2x4 Models

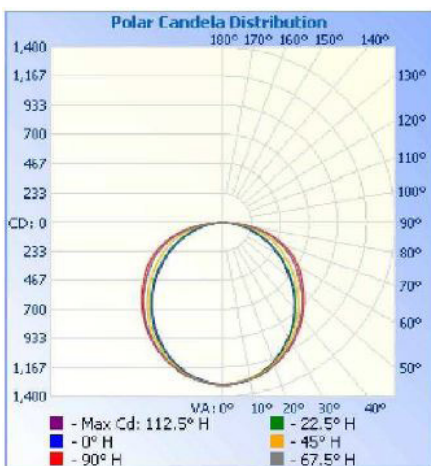
47.50"L x 22.12"W x 2.87"H



## SHIPPING INFORMATION

Model	Unit Weight	Shipping Dimensions	Shipping Weight	Quantity /Box
2x2	8.50 lbs	24.00"L x 24.00"W x 3.25"D	10.52 lbs	1
2x4	16.00 lbs	49.00"L x 24.50"W x 4.00"D	17.40 lbs	1

### ETH-TTRK-22-30W



### ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0-30	1007.3	25.7%	25.8%
0-40	1648.9	42.1%	42.1%
0-60	2939.7	75.1%	75.1%
60-90	963.8	24.6%	24.6%
70-100	453.2	11.6%	11.6%
90-120	3.9	0.1%	0.1%
0-90	3903.5	99.7%	99.7%
90-180	11.5	0.3%	0.3%
0-180	3915.0	100%	100%