

# TDHE G1 - Recessed Troffer - Selectable - High Efficacy



**CONTRACTOR XP**



(Images are shown for illustration purposes only)

Project:

Product #:

Type:

## KEY FEATURES

- 150 Lm/W Efficacy
- Three sizes - 1'x4', 2'x2', and 2'x4'.
- Flicker free.
- 5 year warranty.
- L70 > 100,000 Hours.



## SPECIFICATIONS

### Housing

Sheet metal stamping, PMMA lens.

### Ambient Temperature

Suitable for use in -20° C to 50° C (-4° F to 122° F).

### Finish

Long lasting white finish.

### Mounting

T-grid, surface, and recessed mounting.

### Efficacy

Up to 150 lumens per watt.

### Lumen Output

2,000 Lm / 2,500 Lm / 3,000 Lm / 4,200 Lm / 5,100 Lm.

### CCT and CRI

2700K / 3000K / 3500K / 4000K / 5000K - 80 CRI

### Lifespan

L70 > 100,000 hours @ 25°C.

### Warranty

5-year limited warranty. Comprehensive warranty terms can be located on [www.slgus.com](http://www.slgus.com).

### Electrical

Standard voltage 120-277V. 0-10V dimming.

### Certifications

UL Listed for damp locations. Design Lights Consortium® (DLC) 5.1 Premium qualified product pending.

## ORDERING GUIDE

Example: **TDHE 22 LS42 G1 FSK**

Fixture Type	Size	Selectable Lumen Output	Generation	Voltage	CCT & CRI	Finish
• TDHE LED Recessed Troffer	• 14 1' x 4'	• LS42 2,000 Lm / 14 W 2,500 Lm / 17 W 3,000 Lm / 20 W 4,200 Lm / 28 W	• G1 First Generation	• BLANK 120-277V	• FSK 2700K 3000K 3500K 4000K 5000K - CRI 80	• BLANK White
	• 22 2' x 2'					
	• 24 2' x 4'	• LS51 2,500 Lm / 17 W 3,000 Lm / 20 W 4,200 Lm / 28 W 5,100 Lm / 34 W				

For stocking opportunities please reach out to your local SLG Lighting rep or contact [sales@slgus.com](mailto:sales@slgus.com).

Leadtimes may vary based on current inventory levels - always consult your local SLG Lighting rep for leadtimes and project needs.

## OPTIONS

Dimming
• BLANK 0-10V

## ACCESSORIES

Flange Kit	Emergency Backup	Surface Mounting	Cord Set
<ul style="list-style-type: none"> <li>• 1X4FLANGE-1.5IN 1' x 4' Flange Kit for Troffer, 1.5 in height</li> <li>• 2X2FLANGE-1.5IN 2' x 2' Flange Kit for Troffer, 1.5 in height</li> <li>• 2X4FLANGE-1.5IN 2' x 4' Flange Kit for Troffer, 1.5 in height</li> </ul>	<ul style="list-style-type: none"> <li>• EMD-DH08D-UNV-055 Emergency Battery Kit</li> </ul>	<ul style="list-style-type: none"> <li>• 1x4SMK-4IN Surface Mounting Kit for troffer, 48" L x 12" W x 4" H.</li> <li>• 2x2SMK-4IN Surface Mounting Kit for troffer, 24" L x 24" W x 4" H.</li> <li>• 2x4SMK-4IN Surface Mounting Kit for troffer, 48" L x 24" W x 4" H.</li> </ul>	<ul style="list-style-type: none"> <li>• CS3F5 18/2 MC Whip with LV Dimming Wires &amp; 3/8" Connector</li> <li>• CS3F6 18/2 MC Whip with LV Dimming Wires &amp; 3/8" Connector</li> </ul>

Accessories shown are generally stocked items, for additional accessories questions and options please contact your local SLG Lighting rep or email [sales@slgus.com](mailto:sales@slgus.com). Options for spec needs available through special request - please contact [sales@slgus.com](mailto:sales@slgus.com) with spec needs and project size.

Due to continuous product improvements, specification and/or equipment updates may change without notice.

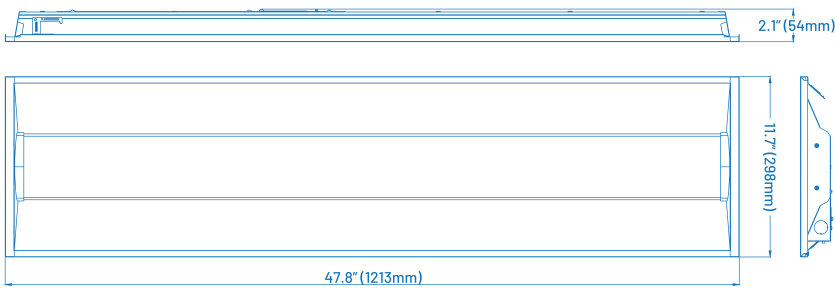
## PERFORMANCE INFORMATION

Series Number	Power Setting	Wattage	Lumens	CCT	CRI
TDHE LS42	Max	28 W	4,200 Lm	2700K 3000K 3500K 4000K 5000K	80
	Medium-High	20 W	3,000 Lm		
	Medium-Low	17 W	2,500 Lm		
	Low	14 W	2,000 Lm		
TDHE LS51	Max	34 W	5,100 Lm		
	Medium-High	28 W	4,200 Lm		
	Medium-Low	20 W	3,000 Lm		
	Low	17 W	2,500 Lm		

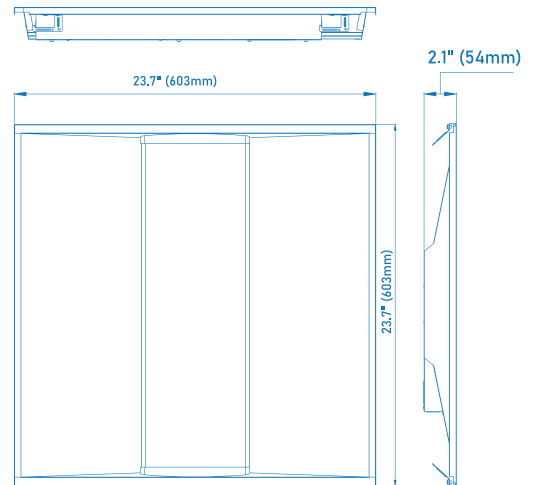
Performance data based on vigorous, industry standard testing and has been verified by lab results.

## DIMENSIONS

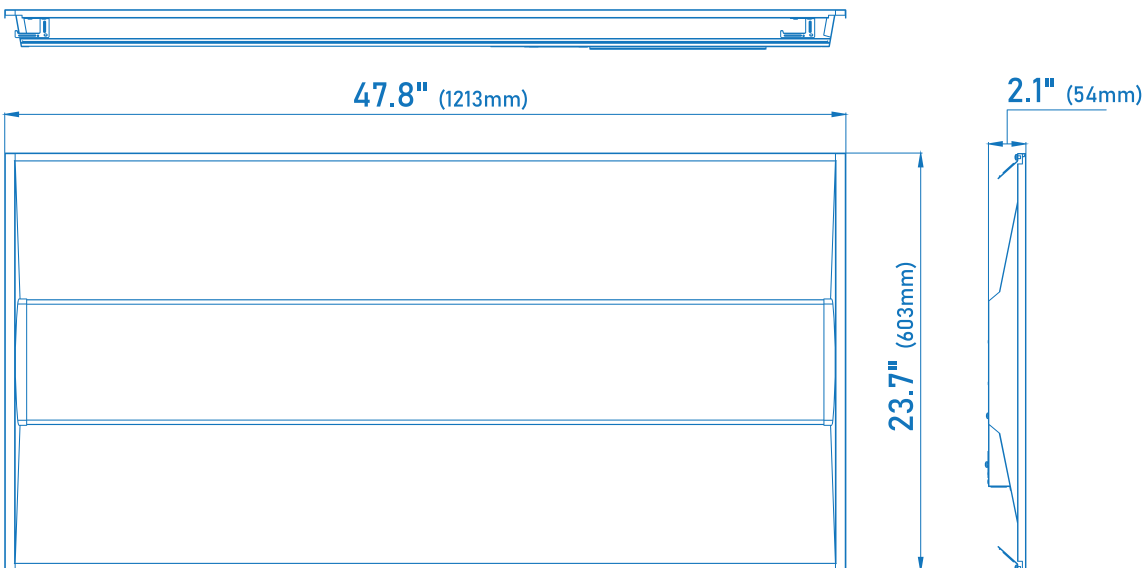
TDHE 14 LS42 - 1' x 4' Troffer



TDHE 22 LS42 - 2' x 2' Troffer



TDHE 24 LS51 - 2' x 4' Troffer



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## ELECTRICAL LOAD

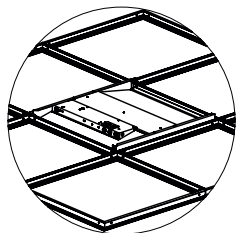
Series Number	Power	Wattage	120V	208V	240V	277V
TDHE LS42 G1	Max	28 W	0.23	0.13	0.12	0.10
	Medium-High	20 W	0.17	0.10	0.08	0.07
	Medium-Low	17 W	0.14	0.08	0.07	0.06
	Low	14 W	0.12	0.07	0.06	0.05
TDHE LS51 G1	Max	34 W	0.28	0.16	0.14	0.12
	Medium-High	28 W	0.23	0.13	0.12	0.10
	Medium-Low	20 W	0.17	0.10	0.08	0.07
	Low	17 W	0.14	0.08	0.07	0.06

## SHIPPING INFORMATION

Product number	Individual box size	QTY per box
TDHE 14 LS42 G1 FSK	48.31" X 12.10" X 4.41"	2 pcs
TDHE 22 LS42 G1 FSK	24.29" X 24.33" X 4.41"	2 pcs
TDHE 24 LS51 G1 FSK	48.31" X 24.33" X 4.41"	2 pcs

Fixtures ship 2 per box and specific dimensions may change without notice due to improvements.

## ACCESSORIES OVERVIEW



T-Grid Mount



Recessed Mount



Surface Mount

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