

PROJECT:	_____
CATALOG #:	_____
FIXTURE TYPE:	_____
NOTES:	_____

## TDS G1 Selectable Recessed Troffer



Images are shown for illustration purposes only.

The **TDS G1 Selectable Recessed Troffer** is a reliable luminaire that is CCT selectable and Wattage selectable, providing multiple options for SKU reduction and improved customer satisfaction. Featuring a center basket design with frosted PMMA lens that is shatter-resistant and designed not to yellow or crack. Available in three sizes 1' x 4', 2' x 2', and 2' x 4' with tool-less lens removal for easy installation and maintenance.



### APPLICATIONS

Commercial, Retail, Office, and Healthcare Facilities.

## SPECIFICATIONS

### HOUSING

Galvanized steel with high-reflectance white surfaces.

### ELECTRICAL

Standard voltage 120-277V, 50/60Hz input.

### MOUNTING

Recessed Mounting and Optional Surface Mounting Kit available.

### WATTAGE AND LUMEN OUTPUT

**TDS 14** - selectable wattage (20W/25W/30W) and selectable lumens (2780/3400/3870 LM)

**TDS 22** - selectable wattage (20W/25W/30W) and selectable lumens (2720/3325/3870 LM)

**TDS 24** - selectable wattage (34W/38W/45W) and selectable lumens (4556/4978/5670 LM)

### CCT

3500K, 4000K and 5000K CCT selectable

### OPTICS

Frosted extruded polymethyl methacrylate lens for maximum source obscuration and visual comfort.

### DIMMING

0-10V dimming.

### AMBIENT TEMPERATURE

-4 to 122 (-20 to +50 )

### LIFESPAN

L70 > 50,000 hour @25 °C

### WARRANTY

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

### FINISH

Polyester Powder White finish.

### CERTIFICATIONS

UL Listed for damp locations. FCC compliant. RoHs compliant. DesignLights Consortium® (DLC) Premium 5.1 qualified luminaire. Not all versions of this product may be DLC qualified. Please visit [www.slgus.com](http://www.slgus.com) to confirm which versions are qualified.

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

## ORDERING GUIDE

EXAMPLE: TDS 24 45/50/60 G1 FSK

Luminaire Type	Size	Selectable Lumen Output	Generation	Voltage	Selectable CCT	Finish	Options (Pre-Installed)
<input type="checkbox"/> <b>TDS</b> = Selectable Recessed Troffer	<input type="checkbox"/> <b>14</b> = 1' x 4'	<input type="checkbox"/> <b>25/30/40</b> 2780 / 3400 / 3870 Lumens - 20W /25W / 30W	<input type="checkbox"/> <b>G1</b>	<input type="checkbox"/> <b>BLANK</b> = 120-277V	<input type="checkbox"/> <b>FSK</b> = 3500K/4000K/5000K	<input type="checkbox"/> <b>BLANK</b> = White	<input type="checkbox"/> <b>BLANK</b> = No options <input type="checkbox"/> <b>EL UNV-8W-A</b> = Emergency Backup
	<input type="checkbox"/> <b>22</b> = 2' x 2'	<input type="checkbox"/> <b>25/30/40</b> 2720 / 3325 / 3870 Lumens - 20W /25W / 30W					
	<input type="checkbox"/> <b>24</b> = 2' x 4'	<input type="checkbox"/> <b>45/50/60</b> 4556 / 4978 / 5670 Lumens - 34W / 38W / 45W					

## Accessories (Shipped separately - requires some field assembly)

<input type="checkbox"/>	1x4SMK-4IN	Surface Mounting Kit for Panel and Troffer, 48in(Length) x 12in(Width) x 4in(Height)
<input type="checkbox"/>	2x2SMK-4IN	Surface Mounting Kit for Panel and Troffer, 24in(Length) x 24in(Width) x 4in(Height)
<input type="checkbox"/>	2x4SMK-4IN	Surface Mounting Kit for Panel and Troffer, 48in(Length) x 24in(Width) x 4in(Height)
<input type="checkbox"/>	1X4FLANGE-1.5IN	1X4 FLANGE Kit for Panel, 1.5 inch height
<input type="checkbox"/>	2X2FLANGE-1.5IN	2X2 FLANGE Kit for Troffer/Panel, 1.5 inch height
<input type="checkbox"/>	2X4FLANGE-1.5IN	2X4 FLANGE Kit for Troffer/Panel, 1.5 inch height

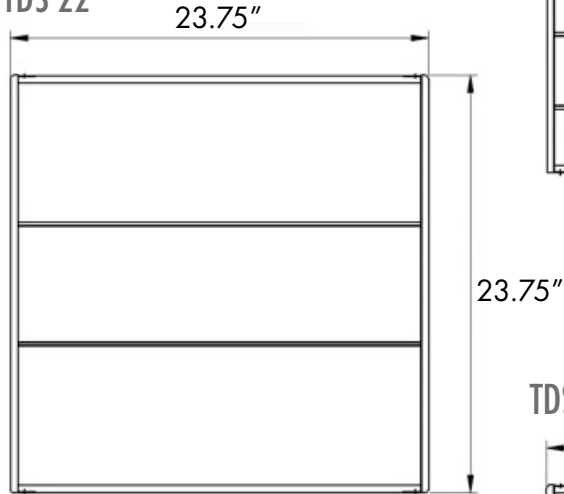
## RECOMMENDED REPLACEMENT & MOUNTING HEIGHT

Wattage	Lumen Output	Replacement	Mounting Height
20W	2,780	2 Lamp F17T8 2 Lamp F14T5 to 2 Lamp F32T8 2 Lamp F28T5	8' - 12'
25W	3,400		
30W	3,870		
34W	4,556		
38W	4,978		
45W	5,670		

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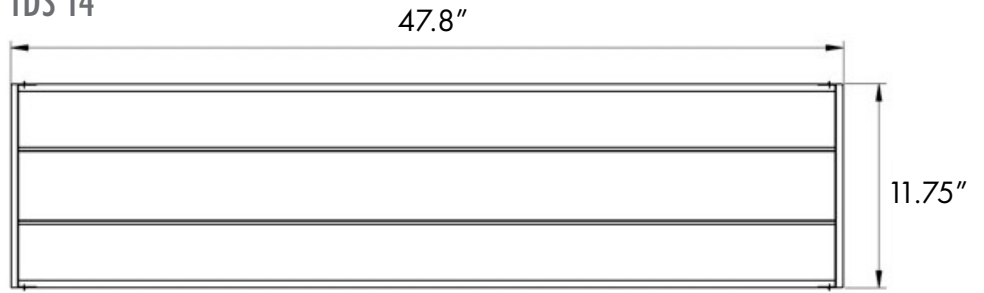
## DIMENSIONS

TDS 22



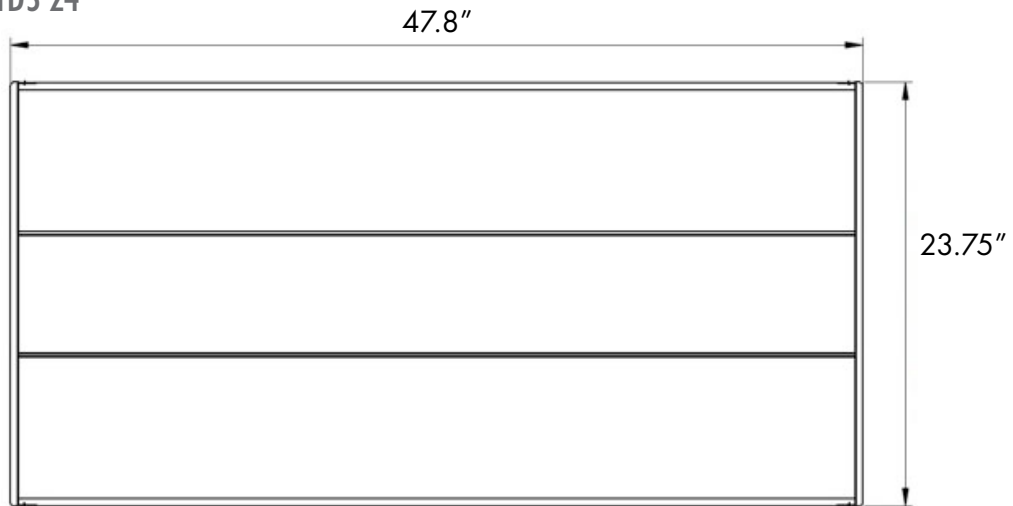
Depth: 2.13"  
Weight: 3.1 kg

TDS 14



Depth: 2"  
Weight: 3.5 kg

TDS 24



Depth: 2.13"  
Weight: 5.19 kg

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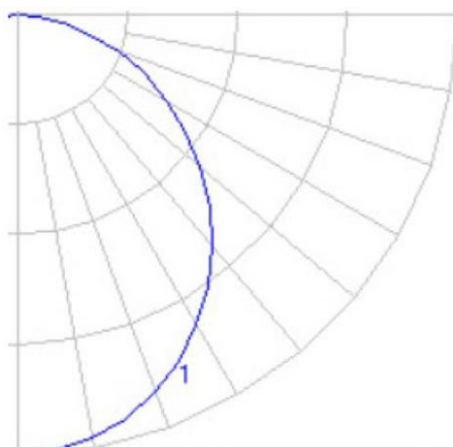
## PERFORMANCE COMPARISON

	3500K CCT		4000K CCT		5000K CCT	
Wattage	Lumen	Efficacy	Lumen	Efficacy	Lumen	Efficacy
20	2,760	138	2,780	139	2,800	140
25	3,375	135	3,400	136	3,425	137
30	3,840	128	3,870	129	3,900	130
34	4,522	133	4,556	134	4,590	135
38	4,940	130	4,978	131	5,016	132
45	5,625	125	5,670	126	5,715	127

## ELECTRICAL LOAD

	Current(A)			
Wattage	120V	208V	240V	277V
20	0.17	0.10	0.08	0.07
25	0.21	0.12	0.10	0.09
30	0.25	0.14	0.13	0.11
34	0.28	0.16	0.14	0.12
38	0.32	0.18	0.16	0.14
45	0.38	0.22	0.19	0.16

## PHOTOMETRIC



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