

# TGD

## T-Grid Linear

Type:

Fixture:



9/16" Flat    9/16" Slot    9/16" Interlude    15/16" Flat

### TECHNICAL DATA

#### ► Optics

Unique design with triple sides allows the light to diffuse for a direct and indirect lighting combination with 120° beam angle.

#### ► Electrical

- Remote LED Driver
  - 3pcs 2' LED lights per 30w remote driver
  - 3pcs 4' LED lights per 60w remote driver
  - Max distance from fixtures to power supply is 8 feet with 24 AWG wire with RJ45 terminal, which makes easy installation and safe wiring.
- Dimming
  - Standard constant current electronic driver with 1-10V dimming input; dimming range from 100% down to 10%. Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL. Thermal overload protection shuts down the luminaire when system temperatures exceed designed operating conditions.
  - <20%
- THD
  - >0.9
- Power Factor
  - Standard electronic drivers are cULus recognized and available for 100-277V AC or 24VDC\*.
- Input Voltage

#### ► LED System

- CRI
  - Minimum 80 color rendering index
- CCT
  - 3000K, 3500K, 4000K and 5000K with a great color consistency life Minimum 50,000h with 87.8% of lumen maintenance in 25°C ambient temperature, in compliance with IES LM-80 testing measurements.
- LED
- Thermal Management
  - Aluminum housing acting as the heat sink to maximize life.

#### ► Approvals

- cULus listed for damp locations
- Tested to IESNA LM-79 and LM-80
- IC Rated



### DESCRIPTION

The Vivid Forms T-Grid LED Linear is an advanced lighting solution that can be seamlessly integrated into various types of T-Grid suspended ceilings. It is compatible with 9/16" flat, 9/16" slot, 9/16" interlude, or 15/16" flat T-grid configurations. This lighting system is designed to replace specific cross tees in the suspended grid ceiling, providing desired illumination. Its unique design features a detachable LED module and T-grid bracket, offering enhanced flexibility.

### INTENDED USE

The TGD series delivers uniformed for applications such as offices, schools, retail locations and hospitals.

### ORDERING INFORMATION

TGD	-		-		-		-	
Series	Length	Lumen Package	Voltage	CCT	Dimming	Mounting		
TGD - (T-Grid Linear Fixture)	2F - (2 FT)	10 - (10W 1160LM 2ft Only)	U - 110-277V	30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K	D10 - (0-10V)	F - 9/16" Flat S - 9/16" Slot I - 9/16" Interlude Q - 15/16" Flat		
	4F - (4 FT)	20 - (20W 2320LM 4ft Only)						

\*Additional cost and/or lead time on customized fixtures may apply. Please contact your sales rep for more information.

Type: \_\_\_\_\_

Fixture: \_\_\_\_\_

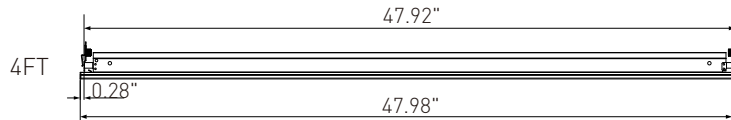
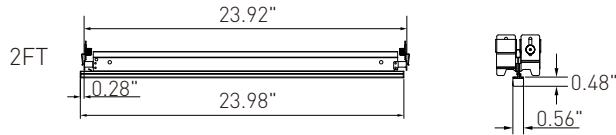
### PERFORMANCE

Grid Type	Efficacy
9/16"	580LM/FT, 5W/FT
15/16"	650LM/FT, 5W/FT

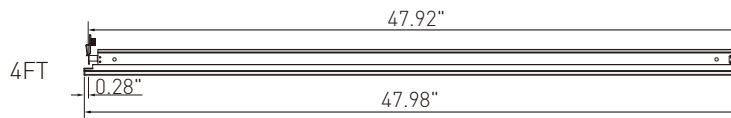
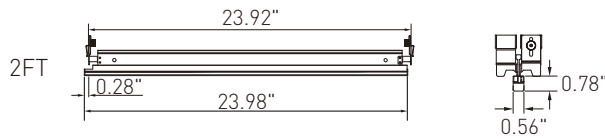
All efficacy is ±5% base on different CCT. Check the IES file to gain the accurate data .

### DIMENSIONS

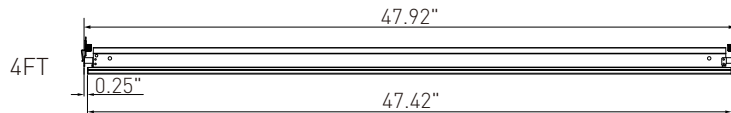
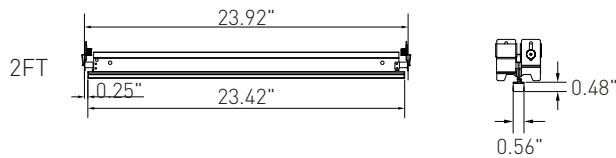
9/16" Flat  
Custom pattern



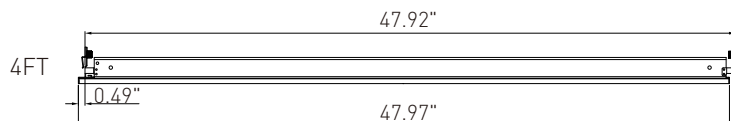
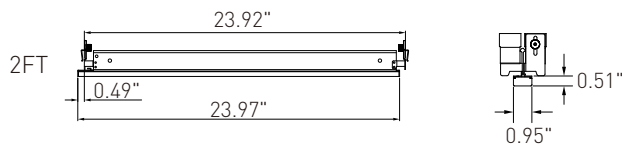
9/16" Slot  
Custom pattern



9/16" Interlude



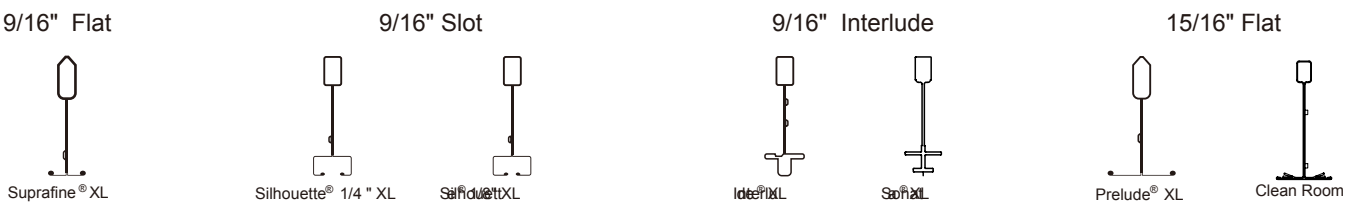
15/16" Flat  
Custom pattern



**TGD**  
T-Grid Linear

Type: \_\_\_\_\_ Fixture: \_\_\_\_\_

**T-GRID CEILING COMPATIBILITY**

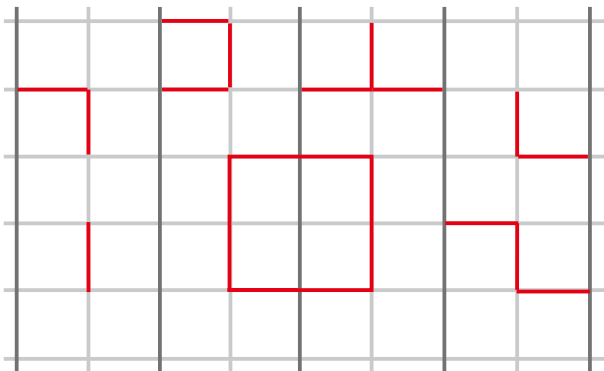


**CUSTOM PATTERN**

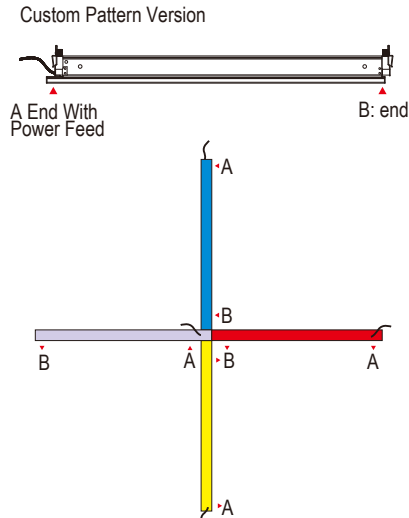


T-Grid LED can be installed in many configurations by replacing any of the cross tees between the main runners of the grid ceiling assembly.

It is free to create compelling spaces, and your space no longer has to be restricted to a single pattern on the ceiling. Custom pattern such as "L", "T", " ", "□" etc.



- Examples of configurations
- Possible positions for T-grid LED light modules
- One-piece main runner cannot be replaced



Remark: Only one A-end with wire in joint