



# THINTEK™ G2 PANEL

[www.trulygreensolutions.com](http://www.trulygreensolutions.com)



# Features



5 MODELS  
AVAILABLE IN  
27W TO 50W



EXPECTED LIFE  
OVER 100,000 HRS



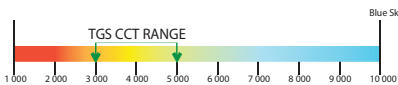
IES FILES @  
[www.trulygreensolutions.com](http://www.trulygreensolutions.com)



SUITABLE FOR  
DAMP LOCATIONS



0-10V  
DIMMABLE



SELECTION OF  
COLOR RANGES



EASY INSTALLATION

Not all products are qualified on the DLC® QPL. To view our DLC® qualified products, please consult the DLC® Qualified Products List at [www.designlights.org/qpl](http://www.designlights.org/qpl).



ThinTek™ G2 Panel  
Integral Driver

Standard Panel  
External Driver



Damp Location Rated

- Standard 0-10V Dimming
  - Optional Step Dimming
- 

- Lumen Packages:
- 1'x4' - 4,400 lm
  - 2'x2' - 2,970 lm, 4,400 lm
  - 2'x4' - 4,400 lm, 5,500 lm

**Recommended Dimmers:**



NOVA T NTSATV-DV  
**LUTRON**

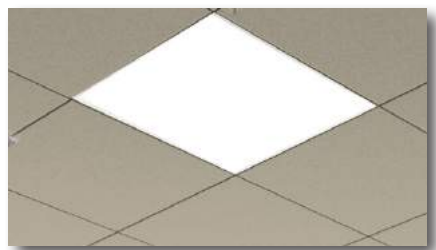


DIVA-DVTV  
**LUTRON**



IP710-DLZ  
**LEVITON**

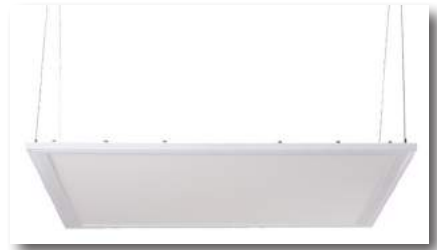
# Mounting Options



Recessed Mount



Surface Mount



Suspended Mount





Replaces Fluorescent Fixtures (1'x4', 2'x2', and 2'x4')

**Highlights**

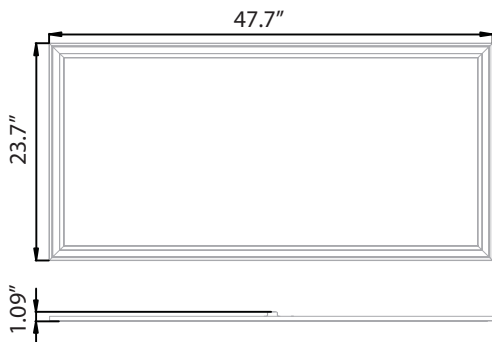
The TGS ThinTek™ G2 Edge Lit LED panel affords an efficient and elegant LED replacement for fluorescent lamps and troffer fixtures in offices, schools, hospitality, healthcare and other commercial and industrial applications. It provides flicker-free, uniform lighting, with a fully-integrated internal driver that allows bypass of existing ballasts for quick, easy and safe installation.

Only 1.09" thick, the TGS ThinTek™ G2 flat panel is equipped with an aluminum heat sink for advanced thermal control. Designed with high-quality, durable components, the panels can be surface, recess or suspension mounted for a contemporary or traditional look. Engineered with robust LEDs, the ThinTek™ G2 produces high lumen output and provides superior correlation to a wide range of selected color temperatures (CCT). The comprehensive spatial illumination provides a more natural light and creates stress-free environments.

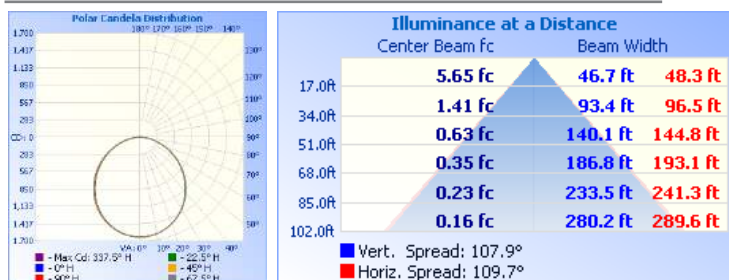
It is available in 1'x4', 2'x2' and 2'x4' models, in 3500K and 4000K CCT. The TGS ThinTek™ G2 Edge Lit LED panel is Title 24 compliant, with full dimmable functionality, and is compatible with building controls, motion sensors, timers, and daylight harvesting systems. The ThinTek™ G2 panel is ETL and RoHS certified, and suitable for damp locations. It is backed by a 5 year/50,000 hour warranty for a long life of maintenance-free service. Recommended for indoor use only.

**Product Dimensions**

Length: 47.7 in (1211.58mm) Width: 23.7 in (601.98mm) Height: 1.09 in (27.69mm)  
Weight: 23.15 lbs (10.5kg)



**Photometrics**



120°

**Optical Details**

System Efficacy	110 LpW
Lumen Output	5,500 lm
CCT	3500K, 4000K
Beam Angle	120°
CRI	>90
System Efficiency	N/A

**Electrical Details**

Input Voltage	100-277V AC
Power Frequency	50-60 Hz
Output Voltage	N/A
Input Current	0.42-0.18A
Power Efficiency	N/A
Power Factor	>0.99
Total Harmonic Distortion	<20% (at 277V)
Dimmable	Yes (0-10V or Optional Step Dimming)

**Other Details**

System Power Usage	50W
LED Power Usage	N/A
Fixture Material	Aluminum Housing and PC Lens
Finish	N/A
Ingress Protection	Damp Location Rated
Luminaire Net Weight	23.15 lbs (10.5kg)
Lifespan	100,000+ Hours
Storage Temperature	N/A
Operating Temperature	-4°~122°F
Operating Humidity	N/A
Product Dimension	47.7x23.7x1.09 in
Replaces (HID, CFL, MH, HPS, Fluor)	1'x4', 2'x2', and 2'x4' Fluorescent Fixtures

**Application**

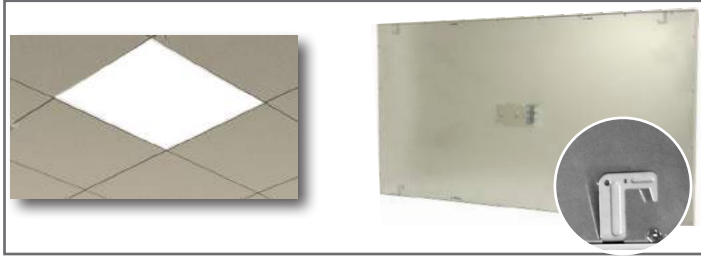
• Offices	• Healthcare
• Reception Halls	• Hospitality
• Schools	• Conference Rooms
• Commercial Application	• Residential Application

**Base Options**

• Recessed Mount (Standard)
• Surface Mount (Additional Cost)
• Suspended Mount (Additional Cost)



## Mounting Options



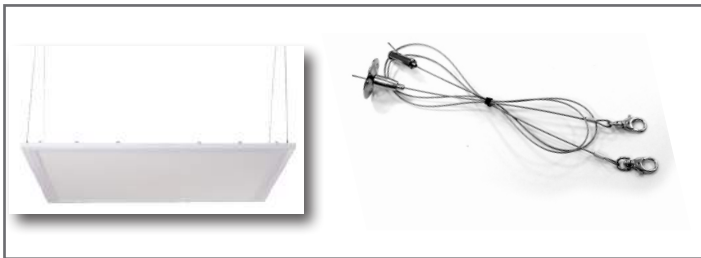
### Recessed Mounting:

The recessed mounting option allows standard panel recessed installation utilizing the T-Bar frame of the ceiling. Four metal hooks attached to the rear/top bend up to fasten to the safety reinforcement above.



### Surface Mounting:

For surface mounting, a surface mount plate is used. This metal plate is equipped with screw holes for bolting to the ceiling, and 4 small static corner hooks on the mounting plate. The panel is then hooked in from below for easy installation.



### Suspended Mounting:

The suspended mount kit includes steel cables with a ceiling and panel end. The ceiling end is comprised of pre-drilled disks for bolting into the ceiling, and the panel end has spring-clip fasteners. These fasteners are hooked into the pre-drilled holes on the bendable hooks located on the rear/top of the panel.

## Ordering Information

**EXAMPLE NUMBER: 881440-40-T-F-RM**

*\* Recessed Mount is standard no additional cost*

88	Size	Wattage	CCT	T	F	CRI	Mounting Option
ThinTek™ G2 Panel	14 - 1x4	40 - 40W	40 - 4000K 35 - 3500K	T	F	90CRI	RM - Recessed Mount SK - Surface Mount Kit SM - Suspended Mount Kit
88	Size	Wattage	CCT	T	F	CRI	Mounting Option
ThinTek™ G2 Panel	22 - 2x2	27 - 27W 40 - 40W	40 - 4000K 35 - 3500K	T	F	90CRI	RM - Recessed Mount SK - Surface Mount Kit SM - Suspended Mount Kit
88	Size	Wattage	CCT	T	F	CRI	Mounting Option
ThinTek™ G2 Panel	24 - 2x4	40 - 40W 50 - 50W	40 - 4000K 35 - 3500K	T	F	90CRI	RM - Recessed Mount SK - Surface Mount Kit SM - Suspended Mount Kit

**1x4 Panel SKU Numbers:**

SKU Number	Dimmable	Wattage	Color Temp (K)	Dimensions	Lumens (lm)	Input Voltage	Warranty	DLC® Qualified
881440-40-T-F-90CRI	Yes	40W	4000	47.7"x11.7"x2.2"	4,400	100-277V	5 year	No
881440-35-T-F-90CRI	Yes	40W	3500	47.7"x11.7"x2.2"	4,400	100-277V	5 year	No

**2x2 Panel SKU Numbers:**

SKU Number	Dimmable	Wattage	Color Temp (K)	Dimensions	Lumens (lm)	Input Voltage	Warranty	DLC® Qualified
882227-40-T-F-90CRI	Yes	27W	4000	23.7"x23.7"x1.09"	2,970	100-277V	5 year	No
882227-35-T-F-90CRI	Yes	27W	3500	23.7"x23.7"x1.09"	2,970	100-277V	5 year	No
882240-40-T-F-90CRI	Yes	40W	4000	23.7"x23.7"x1.09"	4,400	100-277V	5 year	No
882240-35-T-F-90CRI	Yes	40W	3500	23.7"x23.7"x1.09"	4,400	100-277V	5 year	No

**2x4 Panel SKU Numbers:**

SKU Number	Dimmable	Wattage	Color Temp (K)	Dimensions	Lumens (lm)	Input Voltage	Warranty	DLC® Qualified
882440-40-T-F-90CRI	Yes	40W	4000	47.7"x23.7"x1.09"	4,400	100-277V	5 year	No
882440-35-T-F-90CRI	Yes	40W	3500	47.7"x23.7"x1.09"	4,400	100-277V	5 year	No
882450-40-T-F-90CRI	Yes	50W	4000	47.7"x23.7"x1.09"	5,500	100-277V	5 year	No
882450-35-T-F-90CRI	Yes	50W	3500	47.7"x23.7"x1.09"	5,500	100-277V	5 year	No

