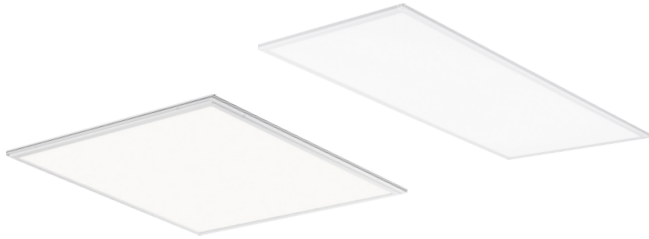




CONTRACTOR:	
PROJECT:	DATE:
PREPARED BY:	MODEL#: TLP-CS

**DESCRIPTION**



**TLP Series**

**TLP-CS, Color Selectable Edge-lit LED flat panel**

These panels are CCT selectable via a switch within the driver box. This feature allows for better stock management with SKU reduction and on site adjustments if ever needed. Available in 2x2' @ 40W and 2x4' @ 50W options.



**FEATURES & SPECIFICATIONS**

**Intended Use**

The low profile modern design makes it ideal for use in airport, retail, education and commercial office buildings.

**Construction**

Frame: Rigid extruded aluminum alloy.  
 Lens/Optic: PMMA light guide plate with PS diffuser.

**Optics**

PMMA light guide plate with etched laser screening and light distribution technology. TLP series flat panels have a beam angle of 120°.

**Electrical**

70% lumen maintenance at >50,000 hours. Long-life LEDs PCB mounted, coupled with high-efficiency drivers, provide extended service life. TLP-CS delivers up to 100 LPW. Thermally protected driver standard.

**Dimming**

LED drivers deliver dimming from a 0-10V control signal. Dims to 10% standard.

**Installation**

This fixture is intended to be installed into a T-grid application. This fixture has hurricane/earthquake clips installed for T-grid applications. Multiple knockouts for easy wiring. Surface mount kits are also available. (See accessories).

**Listings**

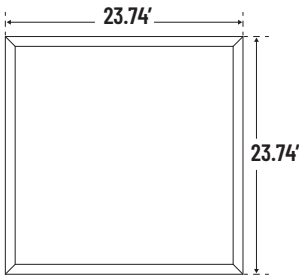
UL listed to US and Canadian safety standards. Damp location listed. Suitable for use in an indoor conditioned space. DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

**Warranty**

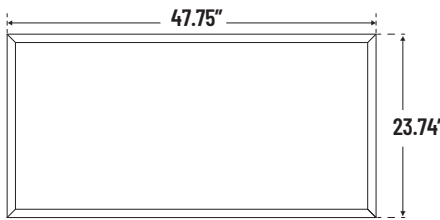
Guaranteed for five years from the purchase date of the product, against mechanical defects in manufacturing.

NOTE: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

**LINE DRAWING**



2X2'



2X4'



CONTRACTOR:	
PROJECT:	DATE:
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## ORDERING INFO

**Example:** TLP24-50-CSD-DIM-W

SERIES	SIZE	WATTAGE	COLOR TEMP	POWER SUPPLY	DIMMING	TRIM COLOR
TLP	[22]: 2' x 2'	[-40]: 40W	[CS]: 35K/4K/5K	[D]: 1 DRIVER	[-DIM]: 0-10V	[-W]: WHITE FRAME
TLP	[24]: 2' x 4'	[-50]: 50W	[CS]: 35K/4K/5K	[D]: 1 DRIVER	[-DIM]: 0-10V	[-W]: WHITE FRAME

## PERFORMANCE SPECIFICATIONS

SERIES	LUMENS @ 5000K	MAX WATTAGE	LPW @ 5000K	CRI
TLP22-CS	4026	40W	100	>80
TLP24-CS	5020	50W	100	>80

## GENERAL DRIVER INFORMATION

**Type:** Constant Current

ELECTRICAL SPECIFICATIONS	40W	50W
<b>Input</b>		
Input Voltage (VAC)	120V-277V (+/- 10%)	
Frequency Range (Hz)	50-60 Hz (+/- 5%)	
Max. Input Current Max (A) Per Driver	0.9A	
THD @ Full Load	<20%	
Efficiency @ Full Load	>85%	
Inrush Current Per Driver	I < 60A / 350uS @ 230Vac	
Power Factor @ Full Load	>0.9	
<b>Output</b>		
Output Voltage (VDC)	25-42VDC	
Dimming Control 1-10V	10%	
LED Power Up Time	<1sec	
Over Load Protection	Yes	
Output Short-Circuit Protection	Yes	

ENVIRONMENTAL SPECIFICATIONS	40W	50W
Ambient Range	-30°C - +50°C	
Max. Storage Temp.	-30°C to 80°C	
EMI Compliance	EN55015, EN61000-3-2, FCC Part 15	

## COLOR TEMPERATURE SWITCH

To change CCT, locate selector switch inside wiring box and switch to desired CCT.





CONTRACTOR:		DATE:
PROJECT:	MODEL#: TLP-CS	
PREPARED BY:		

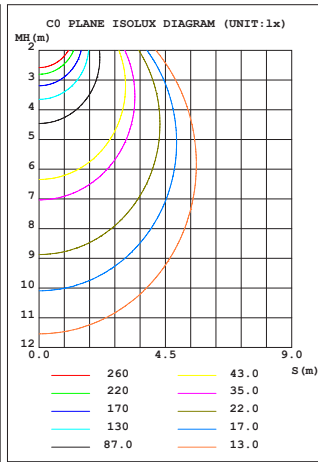
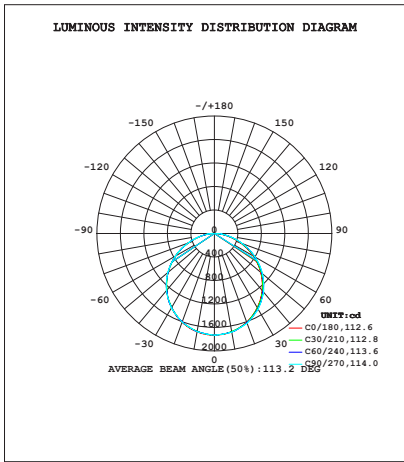
**ACCESSORIES (SOLD SEPARATELY)**

DESCRIPTION	PART NUMBER	SIZE	IMAGE
<b>SURFACE MOUNT KIT</b> Steel housing, painted white. This kit can be mounted onto a rigid surface	LPSM-14-KIT-WT	1x4'	
	LPSM-22-KIT-WT	2x2'	
	LPSM-24-KIT-WT	2x4'	
<b>RECESSED KIT</b> Steel components, painted white This kit allows for installation in a recessed ceiling cavity, typically gypsum board or wood.	FRAME1X4FLAN	1x4'	
	FRAME2X2FLAN	2x2'	
	FRAME2X2FLAN	2x4'	

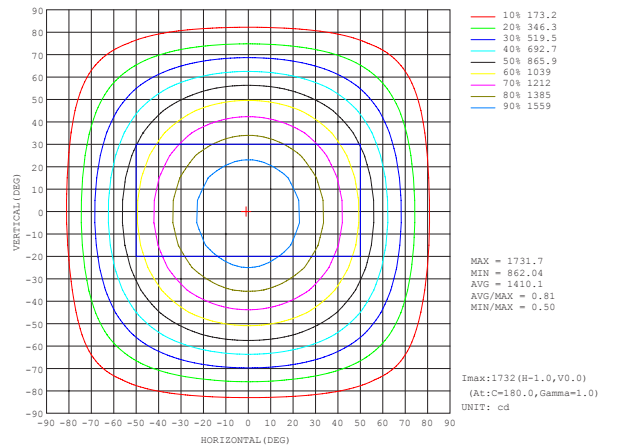
**PHOTOMETRIC REPORTS**

TLP22-40-CS

Polar Graph



Isocandela Diagram



H (φ) Range:-90 - 90DEG  
 H (φ) Interval: 1.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:DAMIN  
 Test Date:2020-03-27

V (θ) Range:-90 - 90DEG  
 V (θ) Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.0.404.7  
 Humidity:65.0%  
 Test Distance:12.600m [K=1.0000]  
 Remarks:

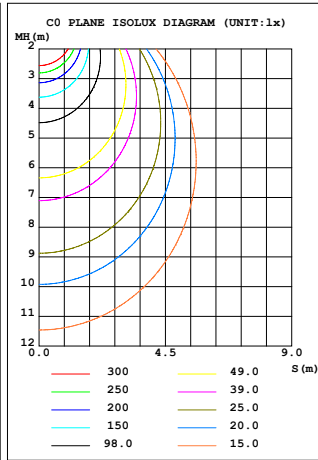
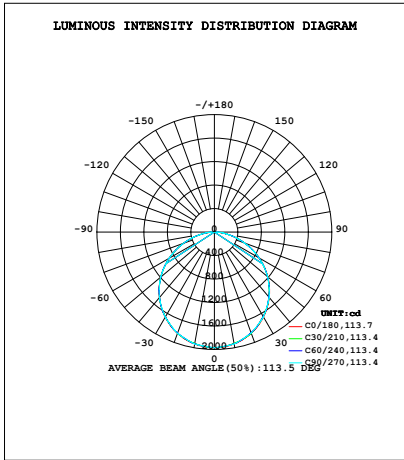


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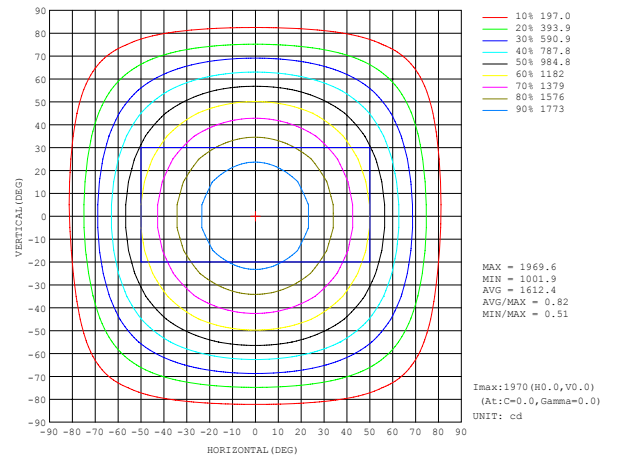
**PHOTOMETRIC REPORTS**

TLP24-50-CS

**Polar Graph**



**Isocandela Diagram**



H (α) Range: -90 - 90DEG  
H (α) Interval: 1.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operator: DAMIN  
Test Date: 2020-09-01

V (β) Range: -90 - 90DEG  
V (β) Interval: 5.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.426  
Humidity: 65.0%  
Test Distance: 12.600m [K=1.0000]  
Remarks: