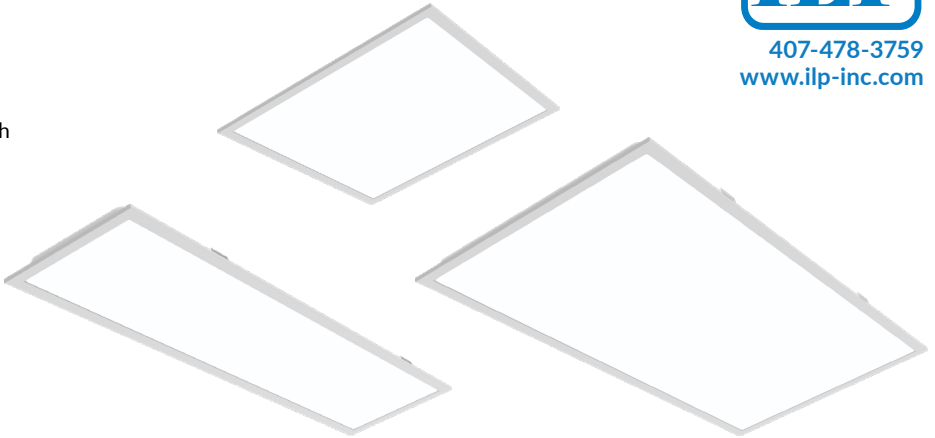# VS VALUE SELECT

VPAN
Back-Lit Flat Panel

ILP
407-478-3759
www.ilp-inc.com

FEATURES

- Low Glare Smooth Uniform Illumination Back-Lit Panel
- Robust Die-Formed Housing with White Post-Paint Finish
- High Transmission PMMA Frosted lens
- Grid, Flange, Surface & Suspended Mounting Options
- 1x4, 2x2 & 2x4 Sizes
- Field Selectable or Factory Set Lumen Outputs
    - 2,700 to 7,000 Delivered Lumen Range
- 3500K & 4000K CCTs
- Enlarged Driver Box for Easy Installation
- >80 Color Rendering Index (CRI)
- Calculated L70 >100,000hrs
- 0–10V Dimmable Driver (100%–10%)
- 120–277V Universal Voltage
- 5 Year Warranty
- ETL Listed for Damp Locations
- DesignLights Consortium Qualifed Luminaire

LUMEN SELECTABLE | QUICK SHIP | TITLE 24 | 5 YEAR WARRANTY | ETL Intertek | DLC QPL LISTED

SUITABLE APPLICATIONS

- Education
- Healthcare
- Commercial Office
- Storage Facility
- Retail
- Grocery Store
- Residential

ORDERING GUIDE:

SERIES	LUMENS (select one)	DRIVER	CCT
VPAN14 1x4 Back-Lit Flat Panel	**22L/27L/33L - Lumen Selectable** **22L** **27L** **33L**	**U** 120-277V	**40** **35**
VPAN22 2x2 Back-Lit Flat Panel	**27L/33L/44L - Lumen Selectable** **27L** **33L** **44L**		
VPAN24 2x4 Back-Lit Flat Panel	**33L/44L/55L - Lumen Selectable** **33L** **44L** **55L** **66L**		

OPTIONS		CONTROLS	
Factory Installed		**Basic**	
FI/ILBCP05	5W LED Factory Installed Battery Backup	**MWS**[3]	Bi-Level Dimming Microwave Sensor
FI/ILBCP05/HE[1]	5W LED Factory Installed Battery Backup		
FI/ILBCP07	7W LED Factory Installed Battery Backup		
FI/ILBCP07/HE[1]	7W LED Factory Installed Battery Backup		
FI/ILBCP10	10W LED Factory Installed Battery Backup		
FI/ILBCP10/HE[1]	10W LED Factory Installed Battery Backup		
FI/ILBCP12	12W LED Factory Installed Battery Backup		
SD347[2]	347V Step Down Transformer		
WHIP/xFT	Cord (x=ft)		
WHIP/xFT/4WIRE	Cord (x=ft) 4 wire w/ 3 leads attached to power & 1 lead for battery backup (non-dimming function)		
WHIP/6FT/5WIRE	Cord (x=ft) 5 wire w/ 3 leads attached to power and 2 lead attached to dimming		
WHIP/6FT/6WIRE	Cord (x=ft) 6 wire w/ 3 leads attached to power & 2 leads to dimming and 1 to battery backup		
Ship With Accessories			
FLGK	Flange Mount Kit		
SM	Surface Mount Kit		
MW/RC[4]	Programming Tool for MWUSBD Sensor		

[1] CEC Title 20 Compliant
[2] Does not qualify for DLC
[3] Must be used with MW/RC option for commissioning
[4] One needed per project

VPAN
Back-Lit Flat Panel

QUICK SHIP ITEMS:

SERIES	LUMENS (select one)	DRIVER	CCT
VPAN14 1x4 Back-Lit Flat Panel	**22L/27L/33L - Lumen Selectable**	**U** 120-277V	**40**
			35
VPAN22 2x2 Back-Lit Flat Panel	**27L/33L/44L - Lumen Selectable**		
VPAN24 2x4 Back-Lit Flat Panel	**33L/44L/55 - Lumen Selectable** **66L**		

LED SYSTEMS INFORMATION[1]	3500K		4000K		Watts[2]	CRI	DLC Listing	Ambient Temp. Range	Replaces
Part Numbers	Lumens	Efficacy	Lumens	Efficacy					
VPAN14-22L-U-XX	2,656 lm	120 lm/W	2,782 lm	126 lm/W	22W				1T8
VPAN14-27L-U-XX	3,062 lm	124 lm/W	3,098 lm	125 lm/W	25W	>80	Standard	-4°F - 104°F	2T8
VPAN14-33L-U-XX	3,430 lm	120 lm/W	3,471 lm	125 lm/W	28W				2T8
VPAN22-27L-U-XX	3,060 lm	124 lm/W	3,133 lm	127 lm/W	25W				2T8
VPAN22-33L-U-XX	3,637 lm	123 lm/W	3,724 lm	126 lm/W	30W	>80	Standard	-4°F - 104°F	2T8
VPAN22-44L-U-XX	4,678 lm	121 lm/W	4,791 lm	123 lm/W	39W				3T8
VPAN24-33L-U-XX	3,508 lm	125 lm/W	3,562 lm	127 lm/W	28W				2T8
VPAN24-44L-U-XX	4,568 lm	123 lm/W	4,638 lm	124 lm/W	37W	>80	Standard	-4°F - 104°F	3T8
VPAN24-55L-U-XX	5,662 lm	119 lm/W	5,749 lm	121 lm/W	48W				4T8
VPAN24-66L-U-XX	6,773 lm	114 lm/W	6,945 lm	117 lm/W	60W			-4°F - 95°F	5T8

[1]Values are nominal, see IES file for more detail
[2]Electrical data at 25C (77F). Actual wattage may differ by +/-10%

SPECIFICATIONS

CONSTRUCTION
Robust Die-Formed Housing and lens frame with White Post-Paint Finish for rigidity and durability. Formed and tightly constructed corners seal to housing to deter entrance of outside particles. Designed to achieve maximum performance and improved aesthetics.

ELECTRICAL
Class 2 LED light engine for high efficacy and long life. Calculated L70 > 100,000hrs. Power Factor > 0.90. Standard 120-277 Vac 0-10V dimmable (10% - 100%). Optional 347V step down transformer. Lumen Selectable fixtures allow for ease of field lumen adjustment with switch located on top side of driver. Lumen Selectable fixtures ship at the highest lumen output.

INSTALLATION
Designed for a variety of mounting solutions including recessed grid, flange and surface mount. VPAN fits into standard 15/16" T-grid ceiling. Standard integral T-grid clips affixed to housing for secure fixture to grid ceiling. Access plate installed on top of driver housing for ease of hardwire power connections. Optional factory installed power flex conduit whip (WHIP) available to reduce installation time.

OPTICS
High transmission extruded PMMA frosted acrylic lens with excellent shielding for durability and LED glare reduction. Individual micro optics present over each LED chip to provide smooth uniform illumination.

CONTROLS
Factory installed bi-level dimming microwave sensor to provide maximize energy savings when area is unoccupied. Sensor requires use of programming tool to set low end trim fixture output. Sensor installed behind lens.

CERTIFICATIONS
ETL Listed to US and Canadian safety standards. Suitable for damp locations. Title 24 Compliant with sensor option; see local ordinance for qualification information. DLC (DesignLights Consortium) Standard Qualified. Please refer to the DLC Qualified Products List at www.Designlights.org/QPL to confirm specific product qualifications.
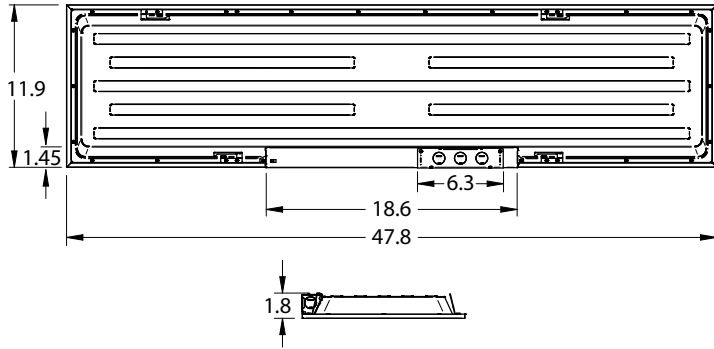
WARRANTY
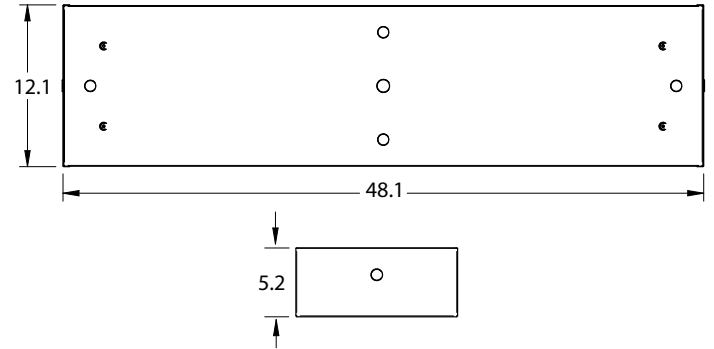5 Year Warranty (Terms and Conditions apply)
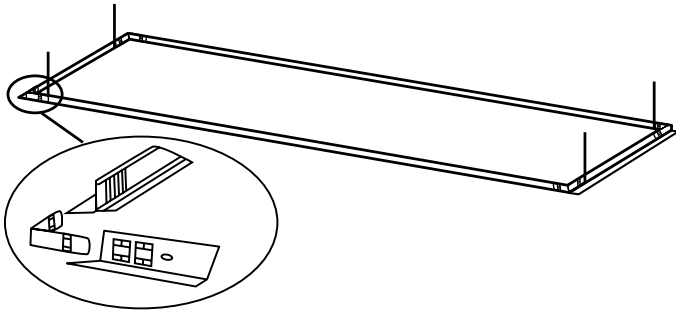
VPAN
Back-Lit Flat Panel

LINE DRAWINGS

1x4 Dimensions

11.9
1.45
6.3
18.6
47.8
1.8

1x4 Surface Mount Dimensions

12.1
48.1
5.2

1x4 Flange Kit
Ceiling opening is 12.25" x 48.25"

2x2 Dimensions

23.7
1.45
6.3
18.6
23.7
1.9
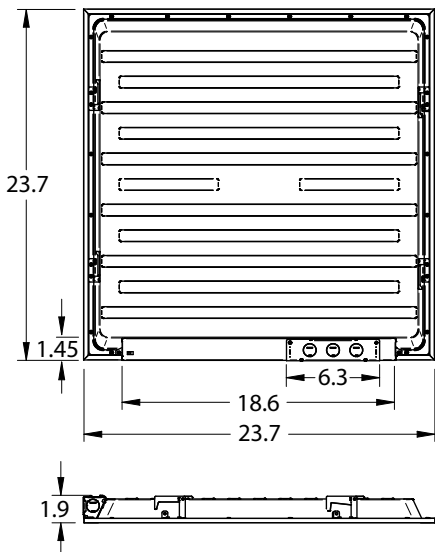
2x2 Surface Mount Dimensions

24.1
24.1
5.16
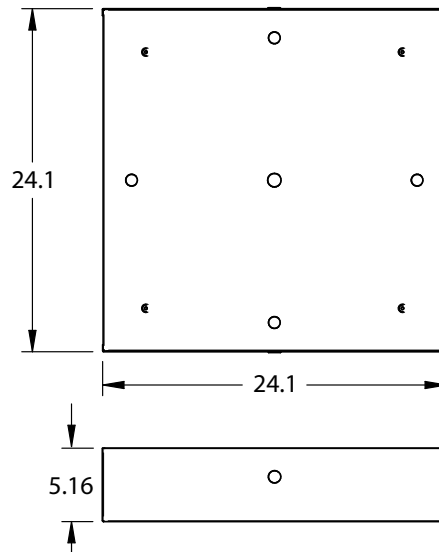
2x2 Flange Kit
Ceiling opening is 24.25" x 24.25"
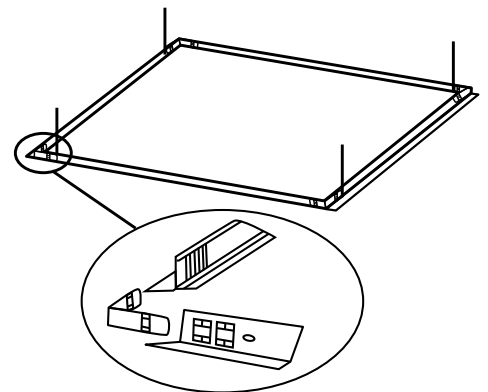
VPAN
Back-Lit Flat Panel

LINE DRAWINGS

2x4 Dimensions

23.7

1.45

6.3

18.6

47.8

1.9
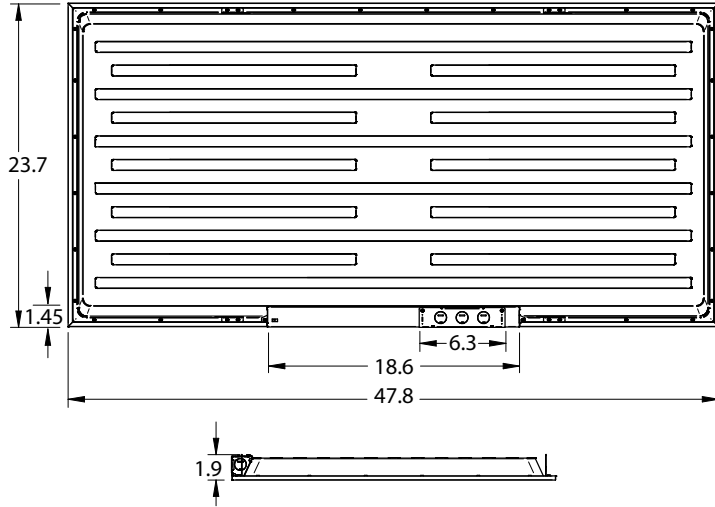
2x4 Surface Mount Dimensions

24.1

48.1

5.2
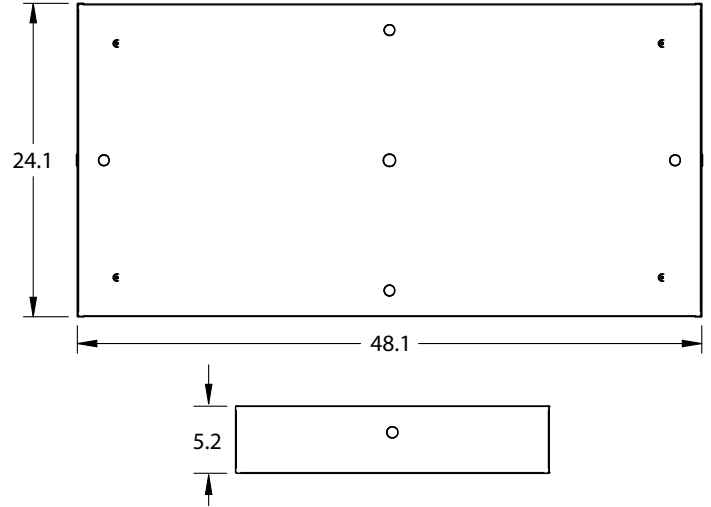
2x4 Flange Kit
Ceiling opening is 24.25" x 48.25"
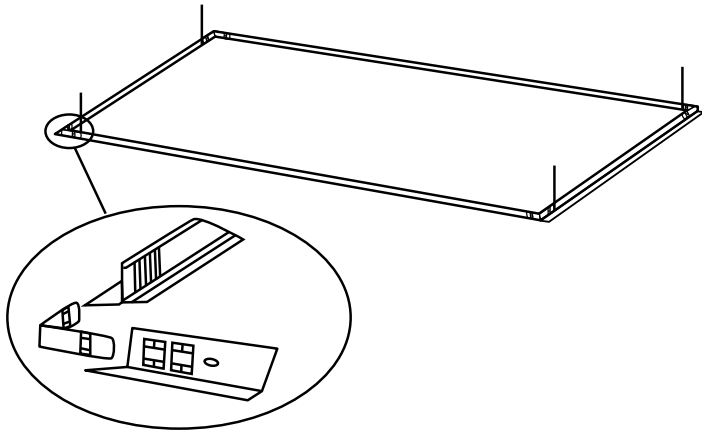
VPAN
Back-Lit Flat Panel

PHOTOMETRIC DATA

LUMINAIRE DATA

Part Number	VPAN14-27L-U-40
Description	1x4 Back-Lit Flat Panel, 3,000 Lumens, 4000K
Fixture Lumens (lm)	3,098 lm
Wattage (W)	25 W
Efficacy (lm/W)	125 lm/W
Mounting	Recessed

ZONAL LUMEN SUMMARY

Zone	Lumens (lm)	% Fixture
0° - 40°	1,271	41%
0° - 60°	2,337	75%
0° - 90°	3,098	100%
90° - 180°	0	0%
0° - 180°	3,098	100%

CANDELA PLOT

Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees
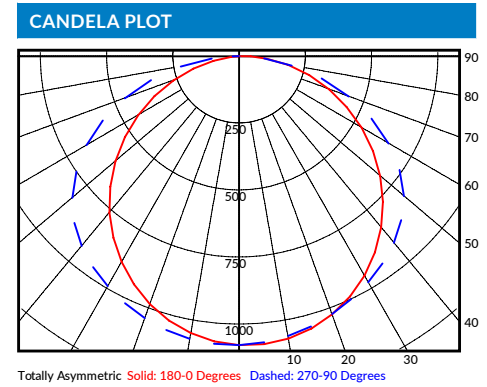
LUMINAIRE DATA

Part Number	VPAN22-33L-U-40
Description	2x2 Back-Lit Flat Panel, 3,700 Lumens, 4000K
Fixture Lumens (lm)	3,724 lm
Wattage (W)	30 W
Efficacy (lm/W)	126 lm/W
Mounting	Recessed

ZONAL LUMEN SUMMARY

Zone	Lumens (lm)	% Fixture
0° - 40°	1,585	43%
0° - 60°	2,855	77%
0° - 90°	3,724	100%
90° - 180°	0	0%
0° - 180°	3,724	100%

CANDELA PLOT

Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees
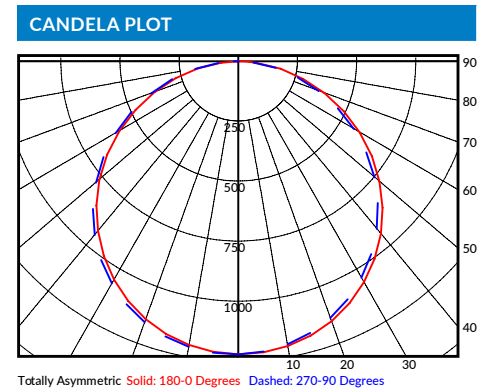
LUMINAIRE DATA

Part Number	VPAN24-44L-U-40
Description	2x4 Back-Lit Flat Panel, 4,700 Lumens, 4000K
Fixture Lumens (lm)	4,638 lm
Wattage (W)	37 W
Efficacy (lm/W)	124 lm/W
Mounting	Recessed

ZONAL LUMEN SUMMARY

Zone	Lumens (lm)	% Fixture
0° - 40°	1,866	40%
0° - 60°	3,464	75%
0° - 90°	4,638	100%
90° - 180°	0	0%
0° - 180°	4,638	100%

CANDELA PLOT

Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees
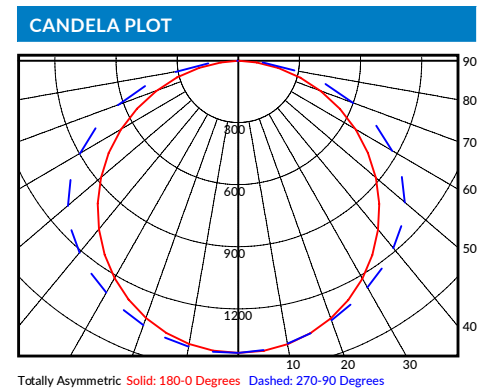
LUMINAIRE DATA

Part Number	VPAN24-66L-U-40
Description	2x4 Back-Lit Flat Panel, 6,900 Lumens, 4000K
Fixture Lumens (lm)	6,945 lm
Wattage (W)	60 W
Efficacy (lm/W)	117 lm/W
Mounting	Recessed

ZONAL LUMEN SUMMARY

Zone	Lumens (lm)	% Fixture
0° - 40°	2,803	40%
0° - 60°	5,194	75%
0° - 90°	6,945	100%
90° - 180°	0	0%
0° - 180°	6,945	100%

CANDELA PLOT

Totally Asymmetric Solid: 180-0 Degrees Dashed: 270-90 Degrees