

| | | |
|---------------|--------------|-------|
| Project Name: | Part Number: | Type: |
|---------------|--------------|-------|

VPAN-SLM

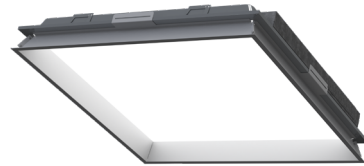
Back-Lit Flat Panel with Skylight Mount Accessory



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

FEATURES

- Low Glare Smooth Uniform Illumination Back-Lit Panel with field-installed Skylight Mount Kit for regressed look
- Skylight Kit is available in either White Prepainted Aluminum or Black Post-Painted Aluminum
- High Transmission PMMA Frosted lens
- 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
- Type IC Rated for Insulation Contact
- 5 Year Warranty
- ETL Listed for Damp Locations
- DesignLights Consortium Qualified Luminaire



Shown with standard White Trim



Shown with standard Black Trim



SUITABLE APPLICATIONS

- Education
- Healthcare
- Commercial Office
- Storage Facility
- Retail
- Grocery Store
- Residential
- Commercial Kitchen
- Food Prep

ORDERING GUIDE:

| SERIES | LUMENS (select one) | DRIVER | CCT | SKYLIGHT MOUNT KIT | TRIM COLOR |
|--------------------------------|--------------------------------|------------|-----|--|---------------|
| VPAN14 1x4 Back-Lit Flat Panel | 22L/27L/33L - Lumen Selectable | U 120-277V | 40 | <input checked="" type="checkbox"/> SLM Skylight Mount Kit | (Blank) White |
| | 22L | | 35 | | BLK Black |
| | 27L | | | | |
| | 33L | | | | |
| 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 | |
| EM5 | 5W LED Factory Installed Battery Backup | MWS ^{3,9} | Bi-Level Dimming Microwave Sensor |
| EM5/HE ¹ | 5W LED Factory Installed Battery Backup | | |
| EM7 | 7W LED Factory Installed Battery Backup | Advanced | |
| EM7/HE ¹ | 7W LED Factory Installed Battery Backup | | |
| EM10 | 10W LED Factory Installed Battery Backup | ESMC/CM ^{5,6,7,8} | EasySense Grouping Ceiling Mount Sensor |
| EM10/HE ¹ | 10W LED Factory Installed Battery Backup | VDO | Lutron Vive DFCSJ-OEM-OCC Daylight & Occupancy Control |
| EM10/HE-SD ¹ | 10W LED Factory Installed Self-Diagnosing Battery Backup | VRF | Lutron Vive DFCSJ-OEM-RF Radio Frequency Communication Only |
| EM12 | 12W LED Factory Installed Battery Backup | AWN ⁹ | Lutron Athena Wireless Node |
| SD347 ² | 347V Step Down Transformer | AWNS | Lutron Athena Wireless Node with Sensor |
| MC6/3W | 6ft Cord, 3 Wire | | |
| MC6/4W | 6ft Cord, 4 wire w/ 3 leads attached to power & 1 lead for battery backup (non-dimming function) | | |
| MC6/5W | 6ft Cord, 5 wire w/ 3 leads attached to power and 2 lead attached to dimming | | |
| MC6/6W | 6ft Cord, 6 wire w/ 3 leads attached to power & 2 leads to dimming and 1 to battery backup | | |
| Ship With Accessories | | | |
| FLGK | Flange Mount Kit | | |
| MW/RC ⁴ | Programming Tool for MWUSB Sensor | | |

¹CEC Title 20 Compliant
²Does not qualify for DLC

³Must be used with MW/RC option for commissioning
⁴One needed per project

⁵Must be used with ES/PCD for commissioning
⁶One Sensor can be wired to up to (4) fixtures with SR Sensor Ready Driver Option

⁷Must be used with SR Sensor Ready Driver
⁸Sensor to be mounted in adjacent ceiling tile

⁹MWS Option not compatible with BLD

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| LED SYSTEMS INFORMATION¹ | 3500K | | 4000K | | Watts² | CRI | DLC Listing | Ambient Temp. Range | Replaces |
|--|----------|----------|----------|----------|--------|-----|-------------|---------------------|----------|
| Part Numbers | Lumens | Efficacy | Lumens | Efficacy | | | | | |
| VPAN14-22L-U-XX-SLM | 2,645 lm | 125 lm/W | 2,719 lm | 129 lm/W | 21W | >80 | Standard | -4°F - 104°F | 1T8 |
| VPAN14-27L-U-XX-SLM | 2,982 lm | 124 lm/W | 3,064 lm | 129 lm/W | 24W | | | | 2T8 |
| VPAN14-33L-U-XX-SLM | 3,547 lm | 121 lm/W | 3,644 lm | 126 lm/W | 29W | | | | 2T8 |
| VPAN22-27L-U-XX-SLM | 3,062 lm | 125 lm/W | 3,131 lm | 127 lm/W | 24W | >80 | Standard | -4°F - 104°F | 2T8 |
| VPAN22-33L-U-XX-SLM | 3,581 lm | 123 lm/W | 3,663 lm | 125 lm/W | 29W | | | | 2T8 |
| VPAN22-44L-U-XX-SLM | 4,612 lm | 117 lm/W | 4,719 lm | 119 lm/W | 39W | | | | 3T8 |
| VPAN24-33L-U-XX-SLM | 3,856 lm | 133 lm/W | 3,864 lm | 136 lm/W | 29W | >80 | Standard | -4°F - 104°F | 2T8 |
| VPAN24-44L-U-XX-SLM | 4,490 lm | 131 lm/W | 5,000 lm | 133 lm/W | 38W | | | | 3T8 |
| VPAN24-55L-U-XX-SLM | 6,052 lm | 127 lm/W | 6,064 lm | 129 lm/W | 47W | | | | 4T8 |
| VPAN24-66L-U-XX-SLM | 7,104 lm | 120 lm/W | 7,290 lm | 123 lm/W | 59W | | | -4°F - 95°F | 5T8 |
| ¹Values are nominal, see IES file for more detail | | | | | | | | | |
| ²Electrical data at 25C (77F). Actual wattage may differ by +/-10% | | | | | | | | | |

SPECIFICATIONS

CONSTRUCTION

VPAN Fixture features a 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. Skylight Mount Kit accessory is available in either White or Black painted aluminum. 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 installation into recessed grid or hard-lid ceilings. VPAN-SLM 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. Advanced Control options also available and would be remotely mounted in the neighboring ceiling tile.

CERTIFICATIONS

ETL Listed to US and Canadian safety standards. Suitable for damp locations. Type IC Rated for Insulation Contact. 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-SLM

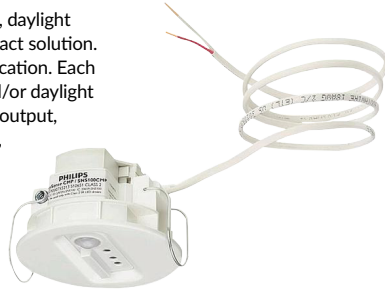
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ADVANCED CONTROLS OPTIONS

EASYSENSE

ESMC/CM

EasySense sensor combines occupancy sensing, daylight harvesting and institutional tuning in one compact solution. This is an ideal control for any commercial application. Each sensor allows you to turn on/off occupancy and/or daylight harvesting functions as well as set the full light output, background light level, occupancy prolong time, occupancy grace fading time & occupancy time out/hold time. Sensor designed to install in adjacent ceiling tile. Sensor can be wired to up to (4) fixtures with Sensor Ready (SR) Module. Requires use of EasySense Pre-Programmed Control Device (ES/PCD), or approved phone from compatibility list; one needed per project.



ESMC/WWS/DR

Optional Wireless / Batteryless Dual Rocker Wall Switch. Up to 100ft range. Functions include: On/Off, dimming and setting of (2) scenes for full room control.

Specifications:

- Wireless
- ZigBee®
- Batteryless
- 30-100ft Range
- Dual Rocker

Functions:

1. On (Hold to brighten up)
2. Off (Hold to dim down)
3. Scene 1
4. Scene 2



LUTRON

VDO

Vive DFCSJ-OEM-OCC integral fixture control sensor with daylight & occupancy. Vive provides intuitive programming allowing for maximum flexibility with wireless communication & sensing as desired. Provided with factory installed components only. Lutron system provided by others. Sensor must be used in conjunction with Pico Switch/Dimmer. Cannot be used in conjunction with mechanical on/off power switch. Contact factory for more information.



AWNRR

Athena wireless node is a radio frequency (RF) device that enables simple, digital control of individual light fixtures in an Athena control system. Enables individual wireless control of each fixture in an Athena control system. Accommodates zone and control changes without rewiring. All drivers on the link are controlled as a single zone. Provided with factory installed components only. Lutron Athena system provided by others.



VRF

Vive DFCSJ-OEM-RF integral fixture control with Radio Frequency (RF) communication. Vive provides intuitive programming allowing for maximum flexibility with wireless communication as desired. Provided with factory installed components only. Lutron system provided by others. Sensor must be used in conjunction with Pico Switch/Dimmer. Cannot be used in conjunction with mechanical on/off power switch. Contact factory for more information.



AWNSR

Athena wireless node with a sensor that enables simple, digital control of individual light fixtures in an Athena control system. Provides wireless control of the fixture and includes a passive infrared (PIR) sensor for occupancy and a daylight sensor. Enables individual wireless control of each fixture in an Athena control system. Accommodates zone and control changes without rewiring. All drivers on the link are controlled as a single zone. Provided with factory installed components only. Lutron Athena system provided by others.

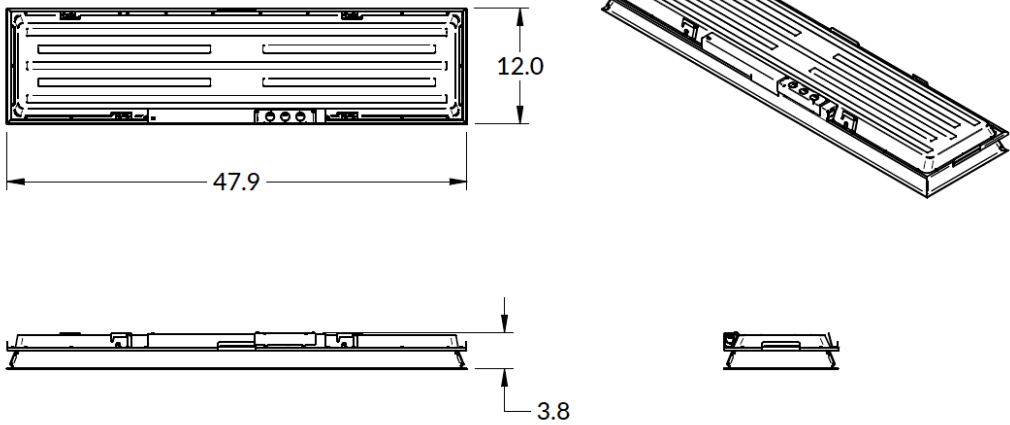


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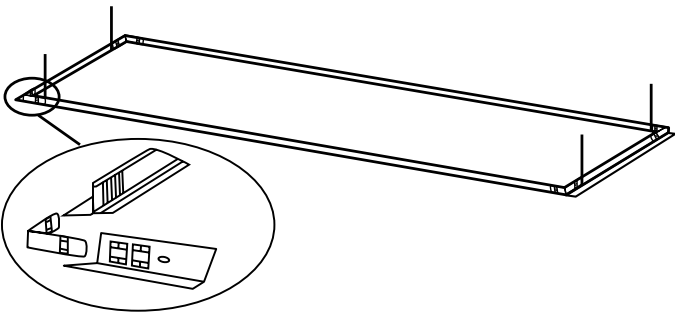
LINE DRAWINGS

1x4 Dimensions

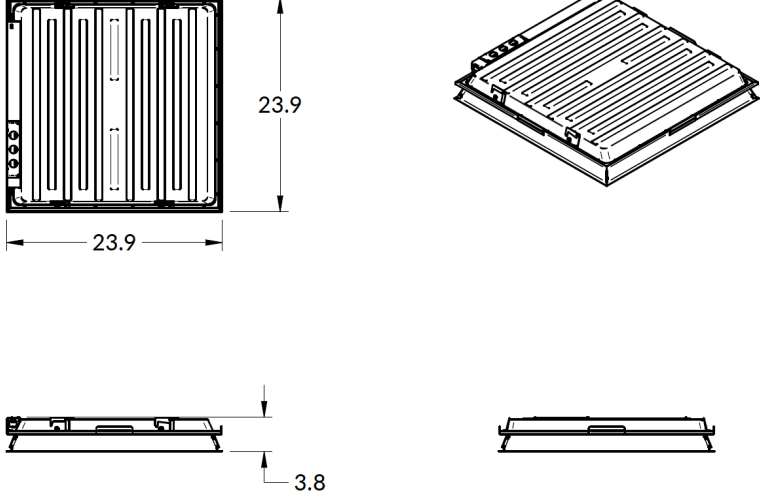


1x4 Flange Kit

Ceiling opening is 12.25" x 48.25"

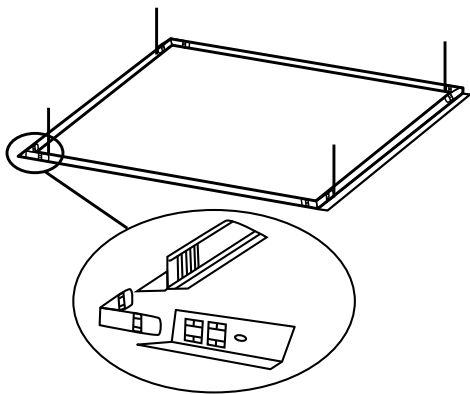


2x2 Dimensions



2x2 Flange Kit

Ceiling opening is 24.25" x 24.25"

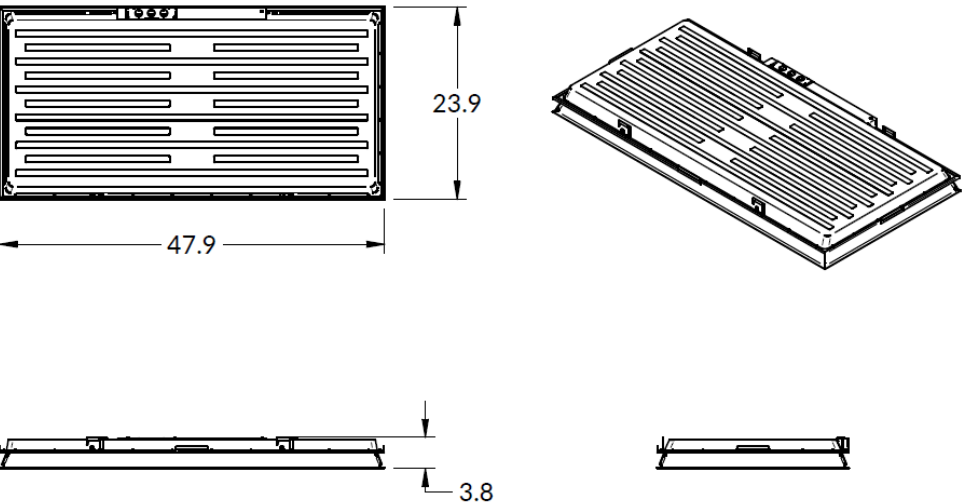


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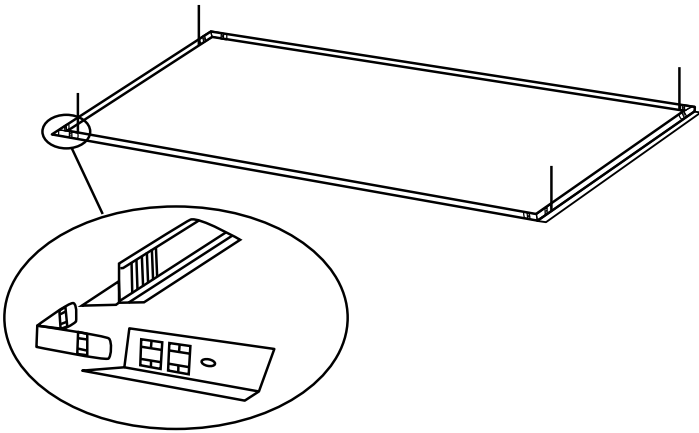
LINE DRAWINGS

2x4 Dimensions



2x4 Flange Kit

Ceiling opening is 24.25" x 48.25"



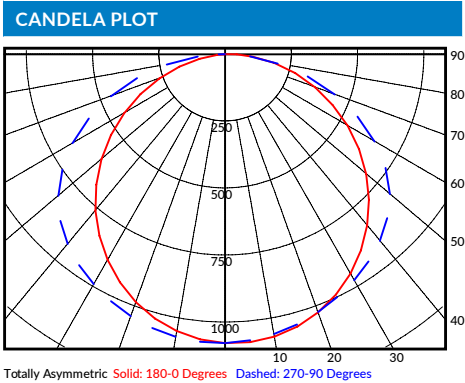
VPAN-SLM

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PHOTOMETRIC DATA

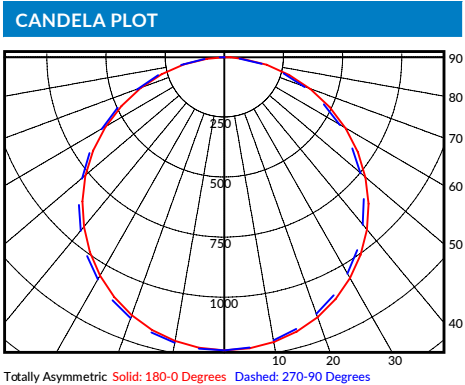
| LUMINAIRE DATA | |
|---------------------|--|
| Part Number | VPAN14-27L-U-40 |
| Description | 1x4 Back-Lit Flat Panel, 3,000 Lumens, 4000K |
| Fixture Lumens (lm) | 3,098 lm |
| Wattage (W) | 25 W |
| Efficacy (lm/W) | 125 lm/W |
| Mounting | Recessed |

| 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% |



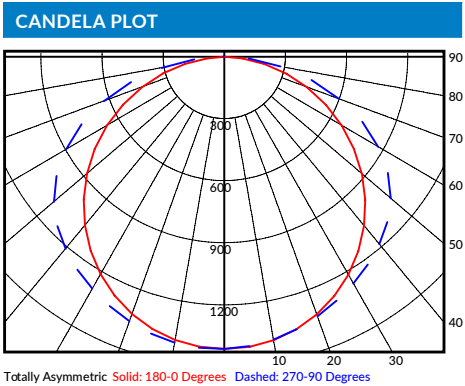
| LUMINAIRE DATA | |
|---------------------|--|
| Part Number | VPAN22-33L-U-40 |
| Description | 2x2 Back-Lit Flat Panel, 3,700 Lumens, 4000K |
| Fixture Lumens (lm) | 3,724 lm |
| Wattage (W) | 30 W |
| Efficacy (lm/W) | 126 lm/W |
| Mounting | Recessed |

| 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% |



| 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% |



| 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% |

