



VPAN BACK-LIT PANEL

INSTALLATION INSTRUCTIONS

⚠ CAUTION

PLEASE READ INSTRUCTIONS BEFORE COMMENCING INSTALLATION AND RETAIN FOR FUTURE REFERENCE.
Electrical products can cause death or injury, or damage to property. If in any doubt about the installation or use of this product, consult a competent electrician.

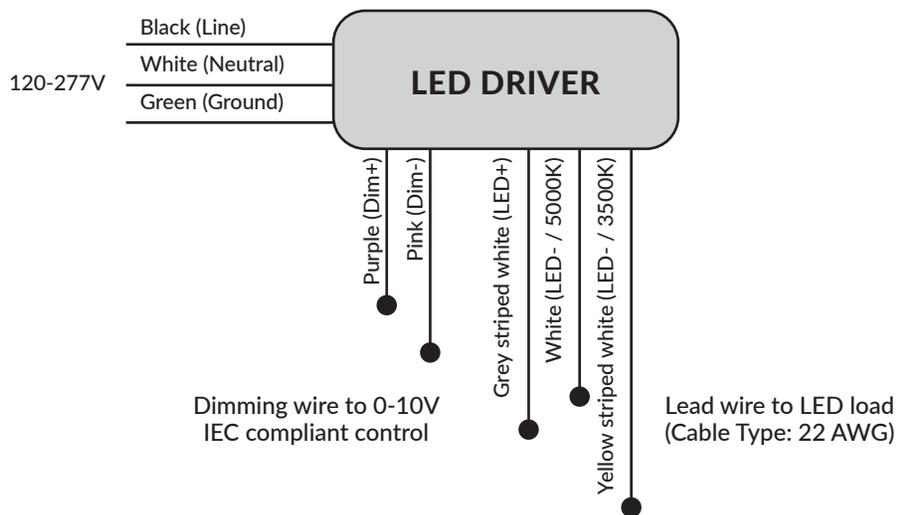
⚠ WARNING

- Risk of Fire, Electrical Shock, Cuts or other Casualty Hazards - This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
 - Risk of Fire, Electrical Shock - Disconnect power at the source before installation, inspection or removal.
 - Risk of Fire - Minimum 90°C supply conductors.
 - Risk of Burn - Disconnect power and allow fixture to cool before handling or servicing.
 - Risk of Personal Injury - Due to sharp edges, handle with care.
- Failure to comply with these instructions may result in death, serious bodily injury and property damage.

⚠ CAUTION

- NOTICE:** Read carefully before installing fixture. Retain for future reference.
NOTICE: Ground screw provided in proper location. Do not alter, relocate, or remove wiring, power supply, or any other electrical component.
NOTICE: Fixture may become damaged and / or unstable if not installed properly. Do not use if product is damaged.
NOTICE: Suitable for damp or dry locations only.

General Wiring Diagram:



Wire Connection Guide

- Remove appropriate knockout(s) for power supply wiring. Use open knockout to bring in supply wire. (Figure 1)
- Connect the product according to “General Wiring Diagram”. (Figure 2)
- Tuck all wires and wire nuts into the fixture junction box and replace cover. (Figure 3)

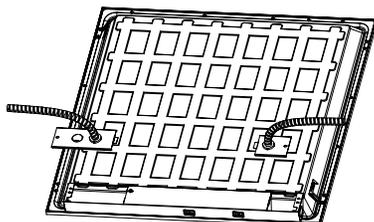


Figure 1

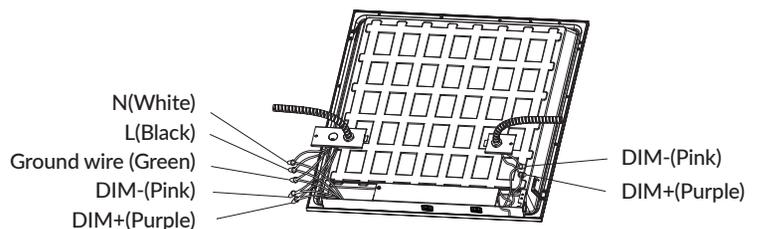


Figure 2



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Field-Adjustable Wattage

- Adjust the fixture Lumen Output / Color Temperature by sliding the Power and CCT DIP switches to desired value respectively. Make sure the switch is never in between positions. (Figure 3)
- Factory set to max. wattage & 4000K.

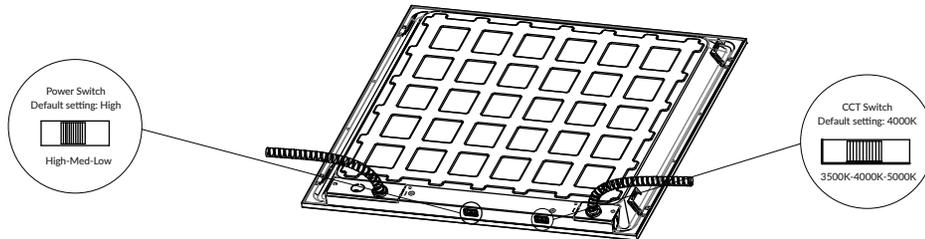
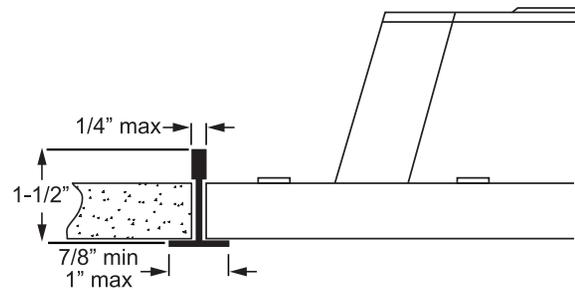


Figure 3

Installation Guide - GRID RECESSED

NEMA "G" (Grid) fixture

The VPAN Back-Lit Panel is designed to fit securely into a standard NEMA Type "G", 1" nominal T-bar system. Consult the factory for use with other grid systems.



- Pass fixture through the grid at a 45 degree angle and lay fixture into the grid. (Figure 1)
- Use earthquake clips to secure the fixture to the ceiling structure for added stability. Orient 4 tabs on back of the fixture over T-Grid by bending tabs up 90 degrees perpendicular to back of fixture. Next bend tabs 90 degrees towards T-Grid frame. (Figure 2)
- Use safety cables (not included) for additional retention to ceiling system. Use a "#8x1/4" sheet metal screw to fasten fixture to T-Grid and use a hanger wire to tie off appropriately in accordance with local building codes (screws and hanger wires not included). (Figure 2)

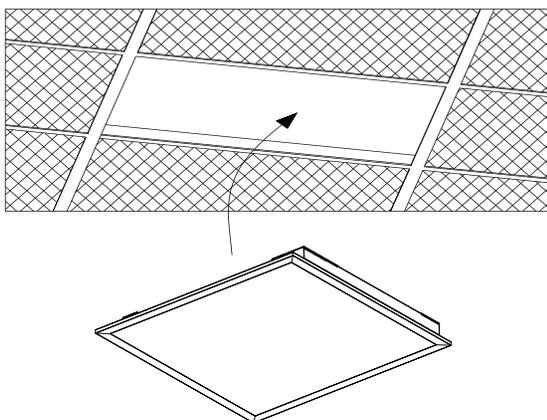
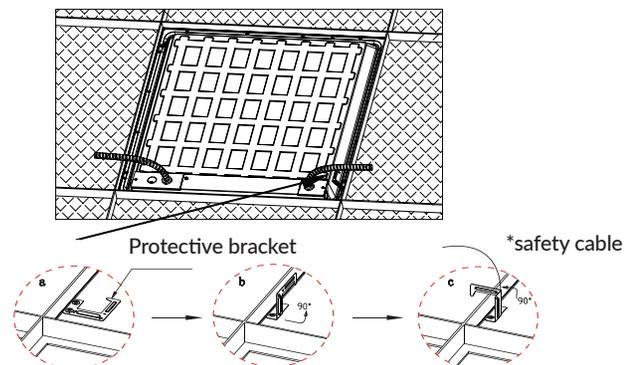


Figure 1



*Put safety cable through hole of bracket and affix it onto the brackets.

Figure 2



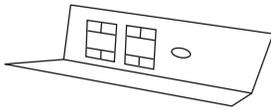
VPAN BACK-LIT PANEL

INSTALLATION INSTRUCTIONS

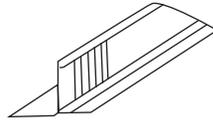
Installation Guide – DRYWALL T-FRAME

Note: The Drywall T-Frames are provided separately.

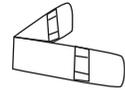
Parts Checklist:



T-Frame Slide Support (2)



T-Frame End Support (2)



T-Frame Lock Angle (4)

- Insert lock angle into slot on T-frame Support Rail. Tap lock angle into slot until tab locks into place (A). Insert lock angle into slot on another T-frame Support Rail so they are perpendicular as shown in picture. Tap lock angle into slot until tab locks into place (B). Repeat 1 & 2 for other 3 corners.(figure 1).
- Insert assembled T-frame kit into ceiling cavity.(Figure 2)
- Suspend frame from four points using the holes provided on the supports.(Figure 3)
- Wire and insert fixture into ceiling and maneuver into place just as in a grid ceiling to complete installation.(Figure 4)

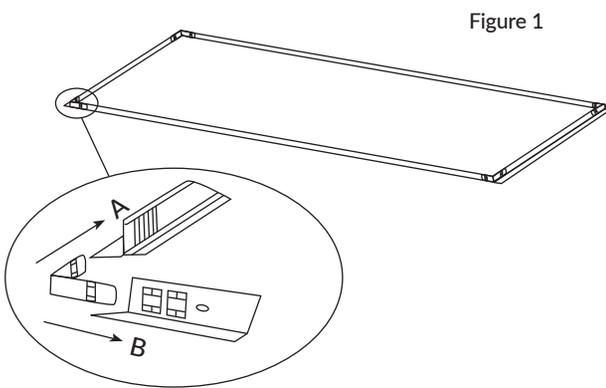


Figure 1

Figure 2

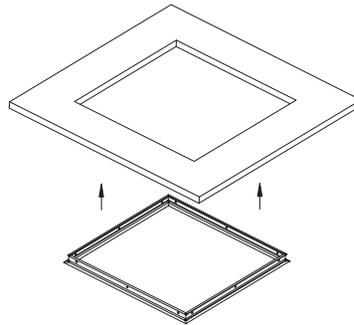


Figure 3

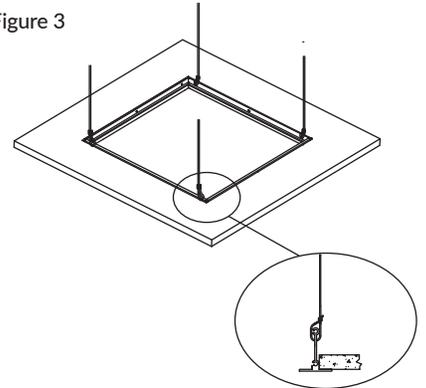


Figure 4

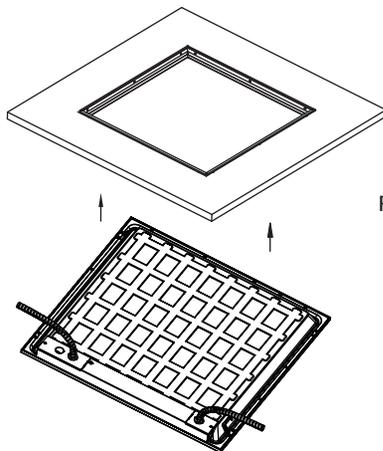
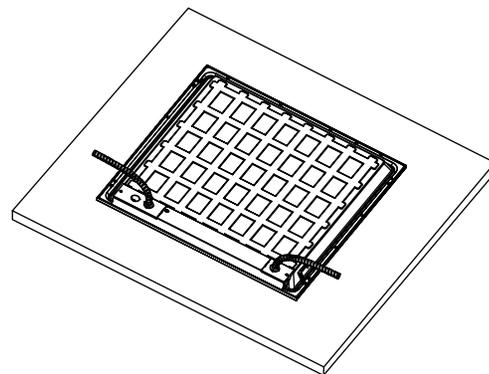


Figure 5





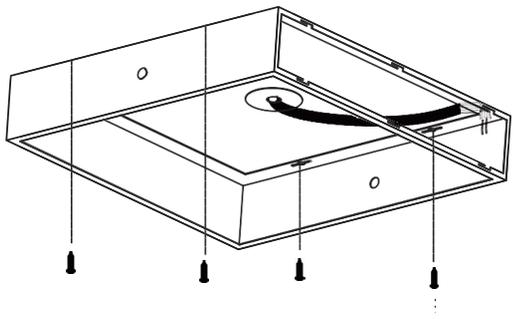
VPAN BACK-LIT PANEL

INSTALLATION INSTRUCTIONS

Installation Guide – SM SURFACE MOUNT

Note: The SM Surface Mount Kits are provided separately.

- Position the surface mount box at desired mounting location for the fixture and run necessary wires through one of the knockouts on back of the surface mount box. Use a cordless drill or screwdriver to secure the luminaire to the ceiling surface using the appropriate mounting hardware. This kit is designed to be used with a maximum of 3/16" diameter hardware. (Figure 1).
- Slide fixture partway into the surface mount box. Remove the access plate from the rear of the driver box and make wiring connections according to state and federal regulations. (Figure 2)
- Slide fixture fully into the surface mount enclosure. Use the provided hardware to screw the end cap to the surface mount box to complete installation. (Figure 3)



Appropriate fasteners
for ceiling type x4

Figure 1

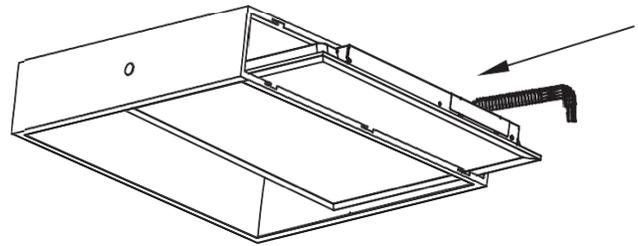


Figure 2

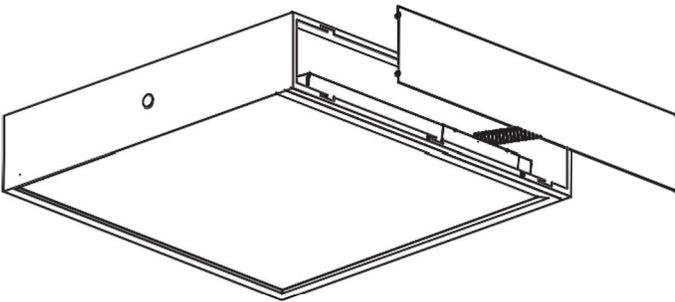


Figure 3



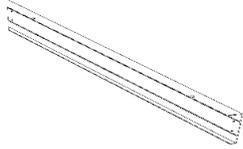
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Surface Installation Guide – SMSK

Note: The surface Mount Skirt Kits are provided separately.

Parts Checklist:



Rails (4)



Screws (16)



Angle Mounting Bracket (4)

- Attach Angle Mounting Bracket to a rail using screws provided. (Figure 1)
- Repeat this until you have 3 sides all together (Figure 2)
- Position the SMSK at desired location. Hardware no included. (Figure 3)
- Slide fixture partway into the SMSK and make wiring connections according to state and federal regulations (Figure 4)
- Slide fixture fully into the SMSK. Attach last rail to complete installation (Figure 5)

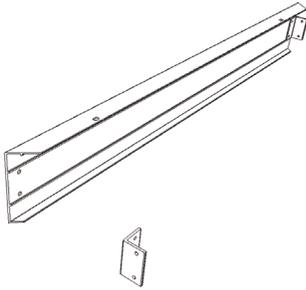


Figure 1

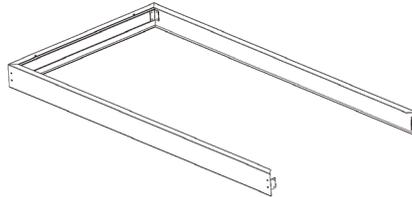


Figure 2

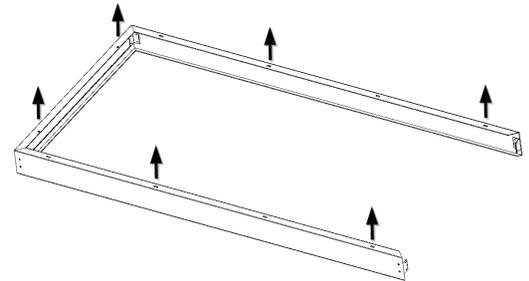


Figure 3

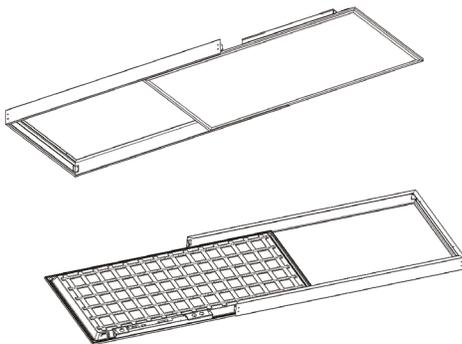


Figure 4

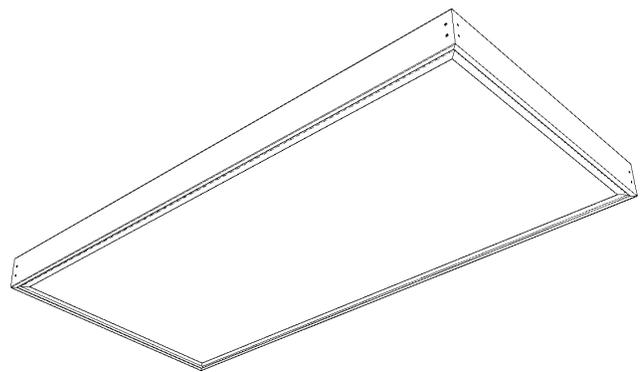


Figure 5



VPAN BACK-LIT PANEL

INSTALLATION INSTRUCTIONS

Installation Guide – SEK Enclosure Kit Suspension

Note: The SEK Suspension Kits are provided separately.

- Slide fixture partway into the surface mount box. Remove the access plate from the rear of the driver box and make wiring connections according to state and federal regulations. (Figure 1)
- Use the provided hardware to fasten the end cap to the surface mount. (see instructions for Surface mount)
- Secure the end of the aircraft cables to a structure. Insert each cable's toggle plates into the oval holes located at the top of the fixture box.
- Pull on each cable to make sure the toggle plates are securely in place. (Figure 2)

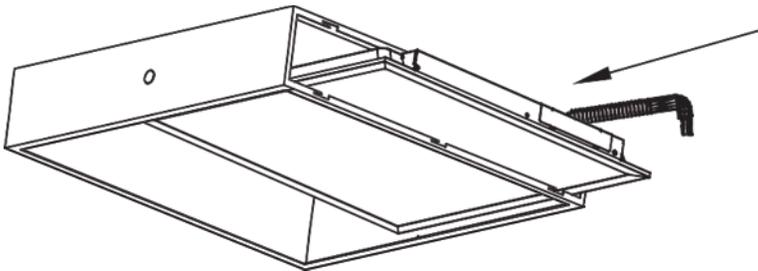


Figure 1

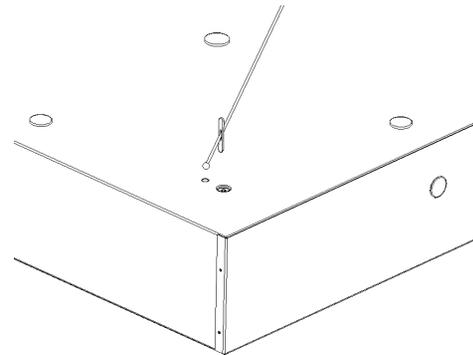


Figure 2

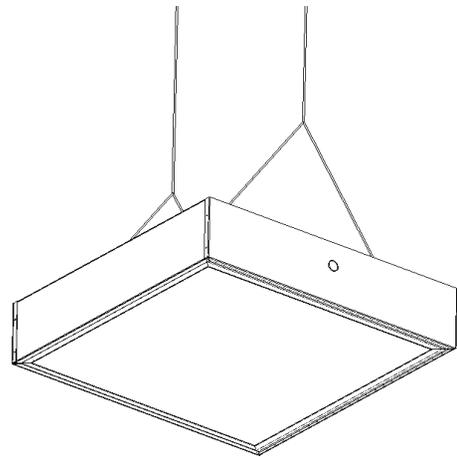
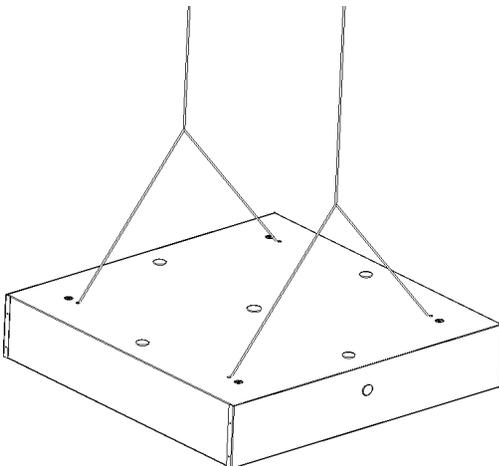


Figure 3



VPAN BACK-LIT PANEL

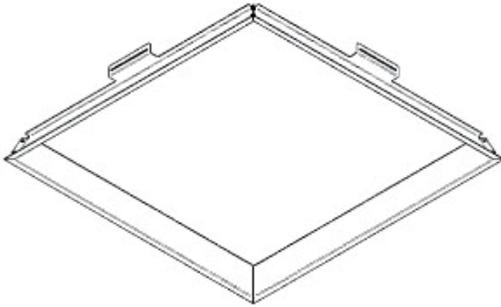
INSTALLATION INSTRUCTIONS

Installation Guide - SKYLIGHT MOUNT

Note: The Skylight Kits are provided separately.

Parts checking list:

- SKYLIGHT ASSEMBLED
- Self-tapping screw (4)



- Place Skylight assembly inside the T-Grid as shown and secure it by breaking the tabs and using self-tapping screws to secure to the kit to the T-grid (screws included) (Figure1) .
- Place the Panel light fixture on the Skylight assembly frame (Figure 2).
- MUST fold and secure tabs on the side as shown in the picture. LED Panel should be secure together (Figure 3).
- Make wiring connections according to state and federal regulations.

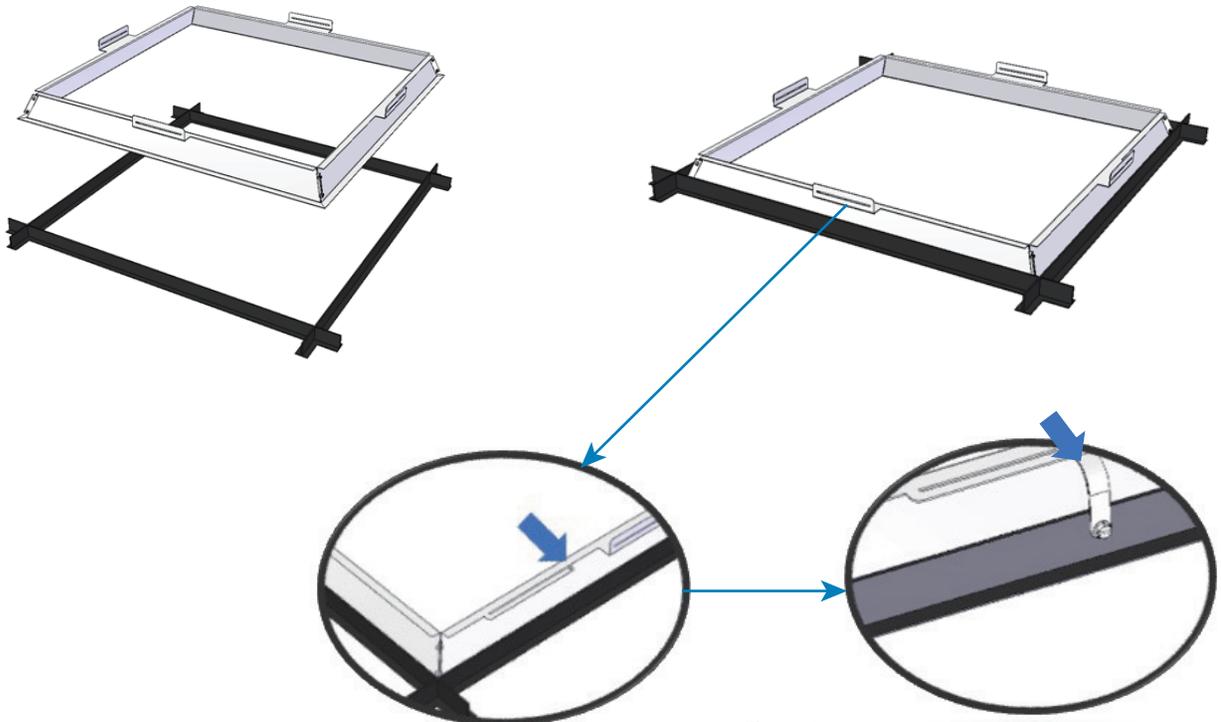


Figure 1



VPAN BACK-LIT PANEL

INSTALLATION INSTRUCTIONS

Installation Guide - SKYLIGHT MOUNT

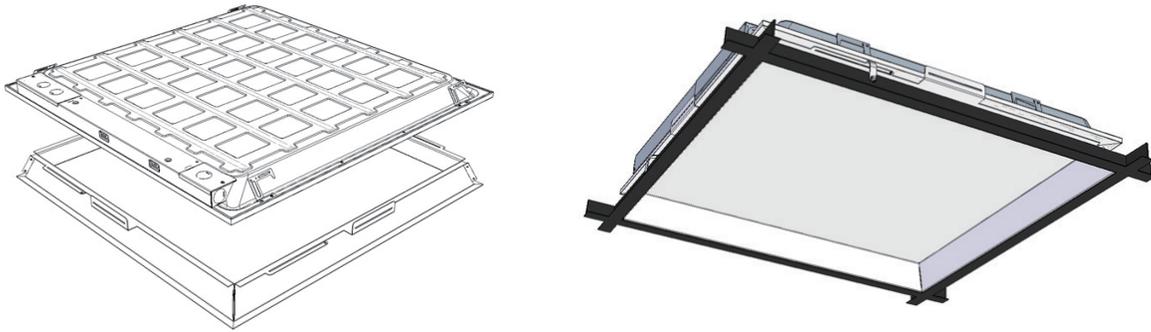


Figure 2

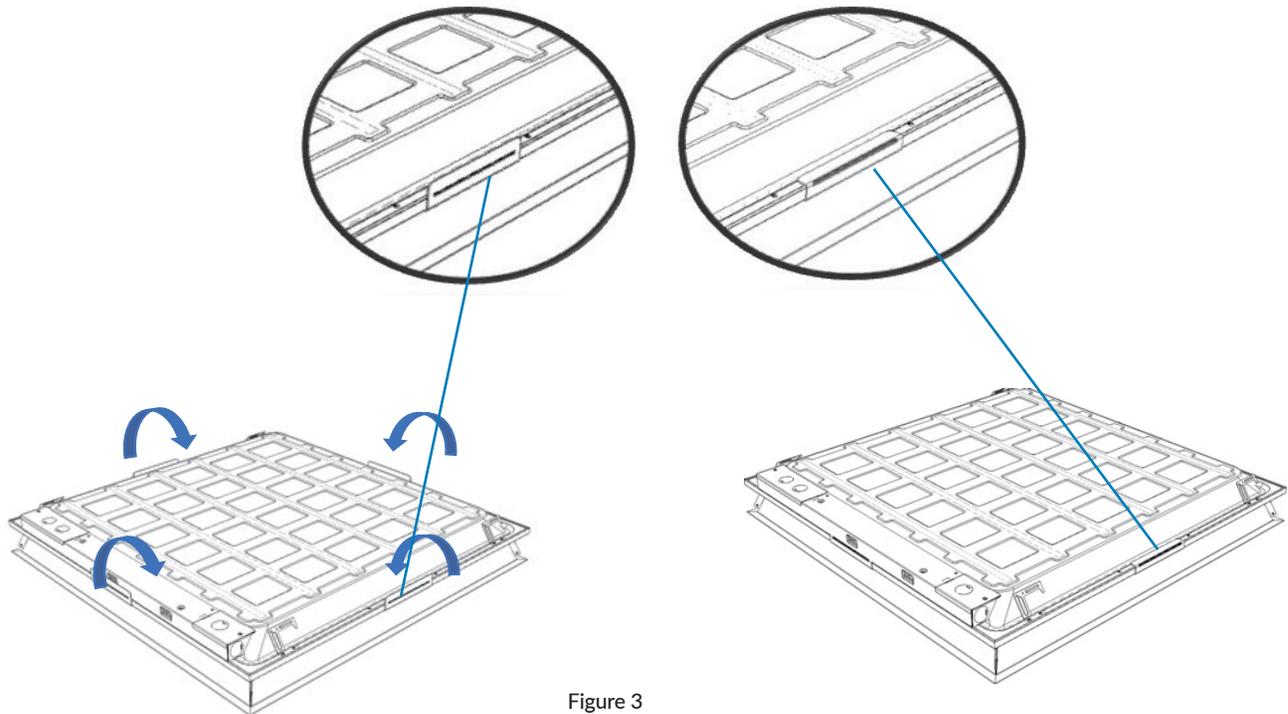


Figure 3



VPAN BACK-LIT PANEL

INSTALLATION INSTRUCTIONS

Installation Guide - AIRCRAFT CABLE SUSPENSION

Note: The Aircraft Cable Suspension Kits are provided separately.

- Thread aircraft cables through the holes on each of the four protective brackets and secure them with spring locks (Figure 1).
 - For the VPAN22 model, space the suspension mounting holes 18.76 inches (18.76") apart.
 - For VPAN14/VPAN24 models, space the mounting holes 42.12 inches (42.12") apart.
- Adjust the cable length to ensure the panel remains perfectly horizontal. Attach the aircraft cables to the ceiling or the existing fixture's mounting structure (Figure 2).

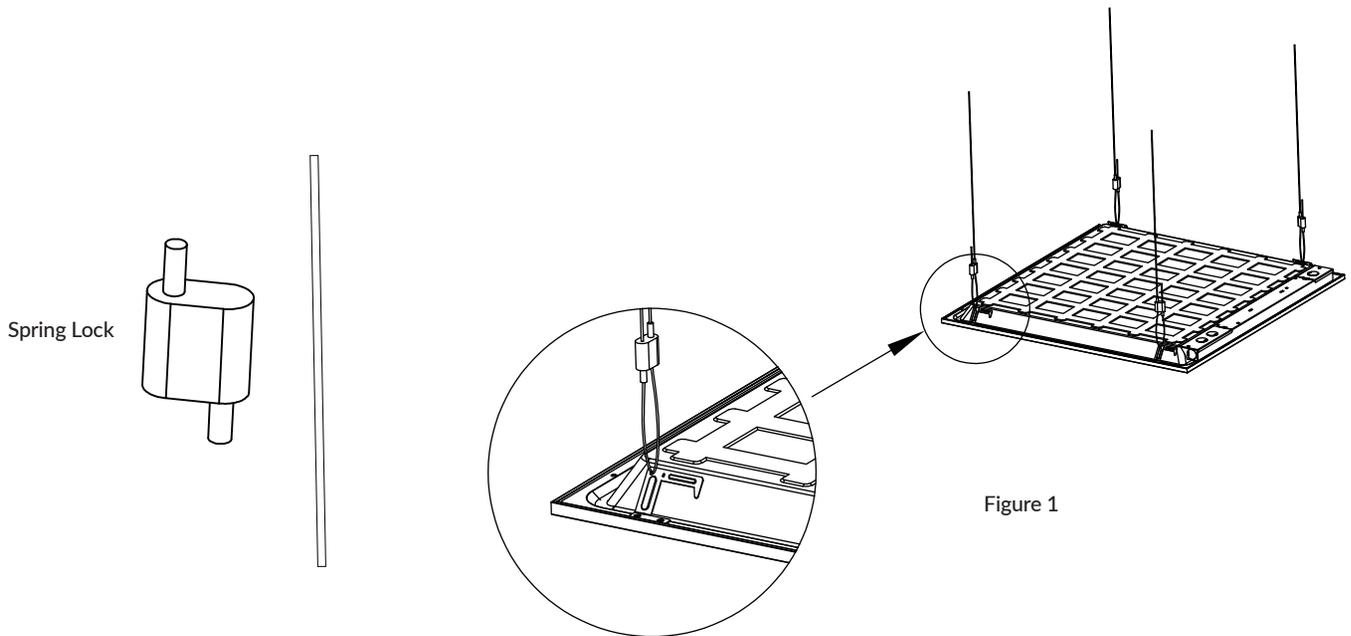


Figure 1

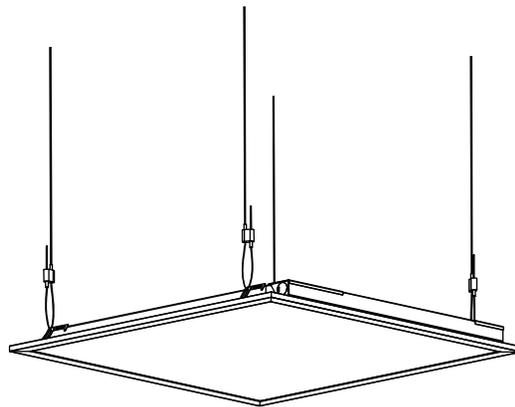


Figure 2



VPAN BACK-LIT PANEL

INSTALLATION INSTRUCTIONS

LED Systems Information

| Part No. | Input Wattage | Working Current | Voltage | PF | Dimming |
|---------------------------|---------------|-----------------|-------------|------|---------|
| VPAN14-22L/33L/44L-U-CCTS | 20W-30W-40W | .16-.37 AMP | AC 120-277V | >0.9 | 0-10V |
| VPAN22-22L/33L/44L-U-CCTS | 20W-30W-40W | .16-.37 AMP | | | |
| VPAN24-33L/44L/55L-U-CCTS | 30W-40W-50W | .20-.46 AMP | | | |
| VPAN24-50L/65L/80L-U-CCTS | 40W-50W-60W | .24-.55 AMP | | | |
| VPAN14-22L-U-35 | 20W | .16-.37 AMP | | | |
| VPAN14-22L-U-40 | 20W | .16-.37 AMP | | | |
| VPAN14-22L-U-50 | 20W | .16-.37 AMP | | | |
| VPAN14-33L-U-35 | 30W | .16-.37 AMP | | | |
| VPAN14-33L-U-40 | 30W | .16-.37 AMP | | | |
| VPAN14-33L-U-50 | 30W | .16-.37 AMP | | | |
| VPAN14-44L-U-35 | 40W | .16-.37 AMP | | | |
| VPAN14-44L-U-40 | 40W | .16-.37 AMP | | | |
| VPAN14-44L-U-50 | 40W | .16-.37 AMP | | | |
| VPAN22-22L-U-35 | 20W | .16-.37 AMP | | | |
| VPAN22-22L-U-40 | 20W | .16-.37 AMP | | | |
| VPAN22-22L-U-50 | 20W | .16-.37 AMP | | | |
| VPAN22-33L-U-35 | 30W | .16-.37 AMP | | | |
| VPAN22-33L-U-40 | 30W | .16-.37 AMP | | | |
| VPAN22-33L-U-50 | 30W | .16-.37 AMP | | | |
| VPAN22-44L-U-35 | 40W | .16-.37 AMP | | | |
| VPAN22-44L-U-40 | 40W | .16-.37 AMP | | | |
| VPAN22-44L-U-50 | 40W | .16-.37 AMP | | | |
| VPAN24-33L-U-35 | 30W | .20-.46 AMP | | | |
| VPAN24-33L-U-40 | 30W | .20-.46 AMP | | | |
| VPAN24-33L-U-50 | 30W | .20-.46 AMP | | | |
| VPAN24-44L-U-35 | 40W | .20-.46 AMP | | | |
| VPAN24-44L-U-40 | 40W | .20-.46 AMP | | | |
| VPAN24-44L-U-50 | 40W | .20-.46 AMP | | | |
| VPAN24-55L-U-35 | 50W | .20-.46 AMP | | | |
| VPAN24-55L-U-40 | 50W | .20-.46 AMP | | | |
| VPAN24-55L-U-50 | 50W | .20-.46 AMP | | | |
| VPAN24-50L-U-35 | 40W | .24-.55 AMP | | | |
| VPAN24-50L-U-40 | 40W | .24-.55 AMP | | | |
| VPAN24-50L-U-50 | 40W | .24-.55 AMP | | | |
| VPAN24-65L-U-35 | 50W | .24-.55 AMP | | | |
| VPAN24-65L-U-40 | 50W | .24-.55 AMP | | | |
| VPAN24-65L-U-50 | 50W | .24-.55 AMP | | | |
| VPAN24-80L-U-35 | 60W | .24-.55 AMP | | | |
| VPAN24-80L-U-40 | 60W | .24-.55 AMP | | | |
| VPAN24-80L-U-50 | 60W | .24-.55 AMP | | | |