GREENCREATIVE

For model #:
30PAN22DIM/830/277V
30PAN22DIM/835/277V
30PAN22DIM/840/277V

LED PANEL 2X2’ & 2X4’ SURFACE MOUNT FRAME INSTALLATION GUIDE – WARNING

WARNING – Read all product labels and instructions before installing fixture.

WARNING – Risk of fire or electric shock. The electrical rating of these products is 120-277VAC, the installer must determine whether they have 120-277V at the luminaire before installation.

WARNING – Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED Panel. Check for enclosed wiring and components.

WARNING – Risk of fire or electric shock. LED Panel installation requires knowledge of luminaires electrical systems. Installation should be performed only by a qualified electrician in accordance with the National Electrical Code and relevant local code.

WARNING – Risk of fire or electric shock. Install this Panel only in ceilings that have the construction features and dimensions shown in the photographs and/or drawings.

WARNING – Only those open holes indicated in the photographs and/or drawings may be made or altered as a result of troffer installation. Do not leave any other open holes in an enclosure of wiring electrical components.

WARNING – Do not make or alter any open holes in an enclosure of wiring or electrical components during fixture installation.

WARNING – To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

WARNING – INSTALLATION SHOULD ONLY BE PERFORMED AFTER POWER TO THE FIXTURE HAS BEEN DISCONNECTED.

- Disconnect power at the source before installation, inspection or removal.
- Do not use if product is damaged.
- Do not alter, relocate, or remove wiring, lampholders, power supply, or any other electrical component.
- Do not use abrasive materials, glass cleaners or other solvents on cover plate or lens. Use of these substances may damage fixture. To clean the faceplate, use a mild soap solution.
- 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.
- Suitable for damp or dry locations only.

LED PANEL 2X2’ & 2X4’ SURFACE MOUNT FRAME INSTALLATION

2x2' Surface Mount Frame dimensions: 23.82"x23.82"x2.83" (605x605x72mm)

2x4' Surface Mount Frame dimensions: 47.83"x23.82"x2.83" (1215x605x72mm)

1. Make sure the POWER IS TURNED OFF at the source to the location at which you are installing the product.
2. Assemble three sides of the frame together using the provided L-brackets and M3 screws. Align each L-bracket inside the frame pieces with the pre-drilled holes and attach using the M3 screws by screwing from the outside. Each L-bracket requires four M3 screws. (fig. 1 & 2)
3. Attach the remaining two L-brackets using two screws per bracket to the fourth piece of frame and set aside. Remaining M3 screws will be used for final step. (fig. 3)
4. Screw the U-shaped frame in the ceiling using provided expansion anchors and ST3.0 screws. (2x2’ uses 6xExpansion anchors and 6xST.0 screws. 2x4’ uses 10xExpansion anchors and 10xST3.0 screws). Make sure you have access to the power supply wires, coming from the ceiling, line, neutral and ground as well as 0-10V wires if present, from inside the frame. (fig. 4)
5. Remove conduit plate. Insert power supply into the knockout using appropriate electrical fittings. Insert black wire (line) from the power supply into wire terminal marked with L. Insert white wire (neutral) from the power supply into wiring terminal marked with N. Connect the green wires (ground) together. (fig. 5)
6. For 0-10V dimming circuits, insert grey wire into wiring terminal marked (GND) and purple wire into terminal marked (0-10V). These terminals are located to the right of the red and black LED module wires. (fig. 5)
7. Slide the panel into the U-shaped frame. Make sure the panel is aligned properly and no gaps exist between the panel and frame. (fig. 6 & 7)
8. Attach the final piece of frame by screwing in the remaining M3 screws (fig. 8 & 9)
9. Return power back to the source and installation is complete.

fig. 1

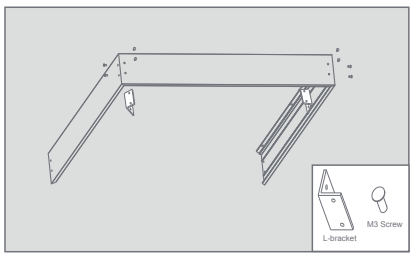

fig. 2

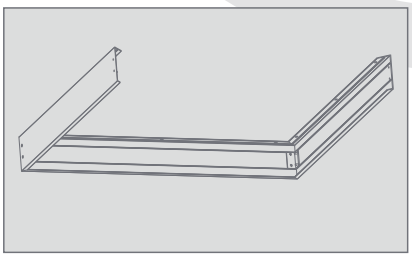

fig. 3

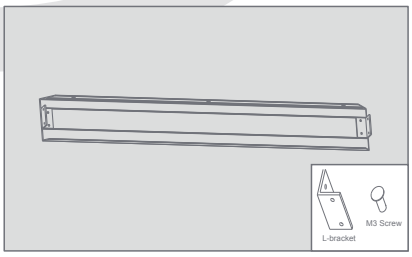

fig. 4

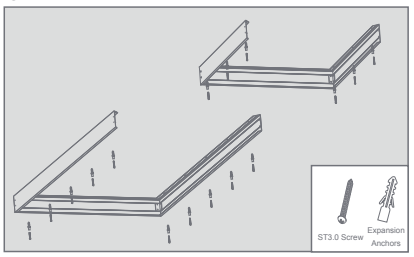

fig. 5

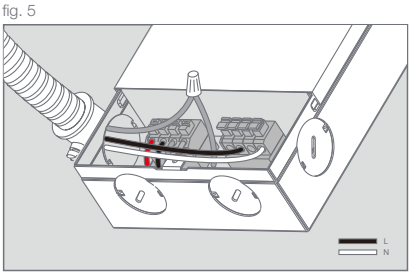

fig. 6

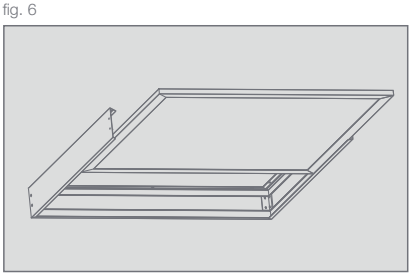

fig. 7

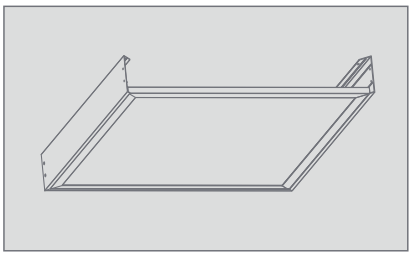

fig. 8

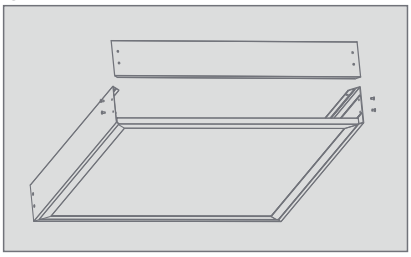
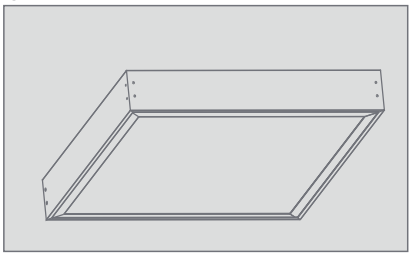
fig. 9