

Installation Instructions

NPTCBSW

Troffers with Selectable Lumens & CCT

READ PRIOR TO ATTEMPTING INSTALLATION
ALWAYS TURN OFF MAIN POWER BEFORE INSTALLATION
INSTALLATION SHOULD BE CARRIED OUT BY YOUR LOCAL ELECTRICIAN

⚠ WARNING - Risk of fire or electric shock. LED fixture installation requires knowledge of luminaire electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.

⚠ WARNING - Risk of fire or electric shock. Install this fixture only in luminaires that have the construction features and dimensions shown in the photographs and / or drawings and where the input rating does not exceed the input rating of the luminaire.

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

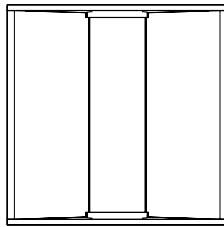
⚠ WARNING - This equipment is intended to be installed only by qualified personnel. The installation must be made in accordance with the current edition to the National Electric Code and all applicable state and local building codes. The final installation must be approved

by the appropriate qualified electrical/building inspector(s). Improper installation may result in a fire or electrical hazard. Be sure the electrical power to the circuit has been disconnected before installing this electrical system.

⚠ AVERTISSEMENT - Cet équipement est destiné à être installé uniquement par du personnel qualifié. L'installation doit être faite en conformité avec l'édition actuelle du Code national de l'électricité et toutes étatiques et locales codes du bâtiment applicables. L'installation finale doit être approuvée par l'inspecteur en électricité / bâtiment qualifié approprié(s). Une mauvaise installation peut entraîner un incendie ou un risque électrique. Soyez sûr de la puissance électrique vers le circuit a été coupée avant l'installation de ce système électrique.



PACKAGING CONTENTS



LED Troffer

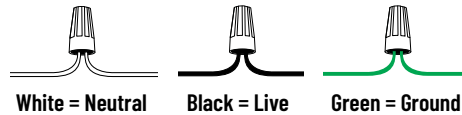


(5) Wire nuts

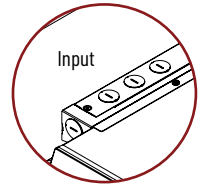
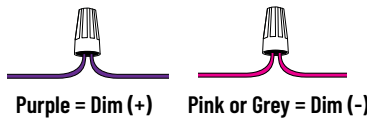
ELECTRICAL CONNECTIONS

1. Remove knockout plates.
2. Remove round knockout and connect conduit or Romex to wiring box with proper connectors. Follow wire diagram below.
3. Universal voltage driver permits operation at 120V thru 277V, 50 or 60Hz. 0-10V dimming wires must be rated for 300V minimum.

120-277V CONNECTION:



0-10V DIMMING CONNECTION:



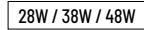
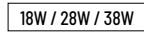
CHANGING COLOR TEMPERATURE AND WATTAGE

Note: LED Troffers are preset at 3000K & highest wattage (38W or 48W)

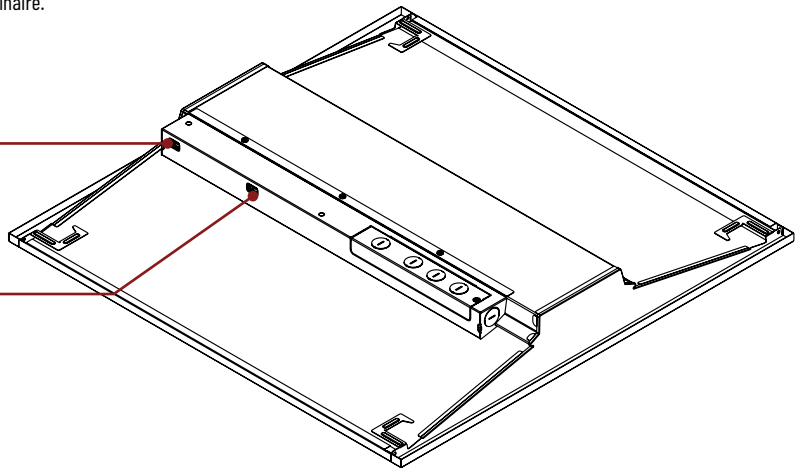
1. Before installing panel, set the luminaire to the desired color temperature and wattage.
2. Color temperature and wattage switch are located on the back of the luminaire.
3. Change the switch to the desired color temperature and wattage.



CCT Switch



Wattage Switch



Installation Instructions

NPTCBSW

Troffers with Selectable Lumens & CCT

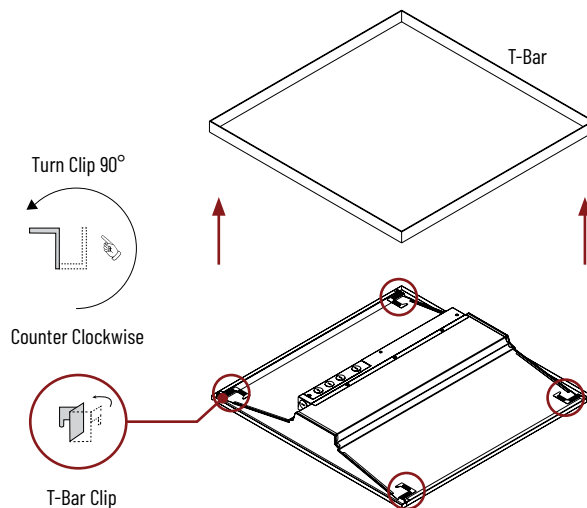
READ PRIOR TO ATTEMPTING INSTALLATION
ALWAYS TURN OFF MAIN POWER BEFORE INSTALLATION
INSTALLATION SHOULD BE CARRIED OUT BY YOUR LOCAL ELECTRICIAN

SUSPENDED CEILING (T-BAR) INSTALLATION

1. Turn all power off before installation.
2. Remove desired knockout and connect panel's wires to input.
(Please refer to the "ELECTRICAL CONNECTIONS" on Page 1)
3. Insert LED Troffer into T-Bar grid, face down.
4. Align Troffer with edge of T-Bar. Turn clip 90° counter clockwise to secure Troffer.

(CLIP HAS HOLE FOR WIRE OR CABLE SUPPORT REQUIRED BY SOME LOCAL CODES.)

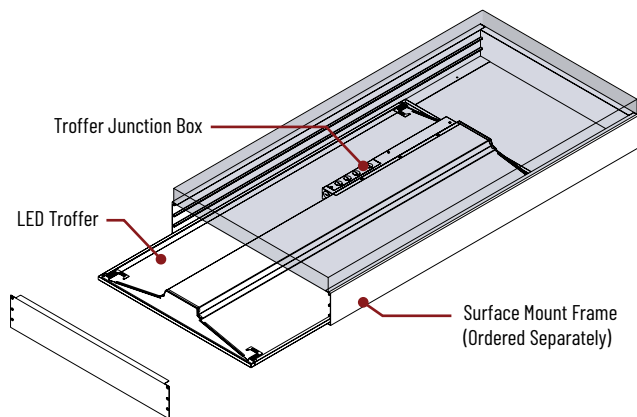
ALIGNMENT ATTENTION: CEILING JUNCTION BOX OR CONDUIT SHOULD BE LOCATED NEAR THE TROFFER JUNCTION BOX, NOT CENTER OF THE SURFACE FRAME



SURFACE MOUNT INSTALLATION

1. Turn all power off before installation.
2. Assemble three pieces of surface mount frame (NPDBL-xxDDFK/W - ordered separately).
3. Install three connected pieces on the ceiling
(Note: Junction box or conduit should be located near the Troffer's junction box, not the center of the surface mount frame)
4. Remove desired knockout and connect panel's wires to input.
(Please refer to the "ELECTRICAL CONNECTIONS" on Page 1)
5. Insert the panel into the three connected pieces.
6. Attach the fourth piece to complete the surface mount frame.

REQUIRES: NPDBL-xxDDFK/W (Ordered Separately)

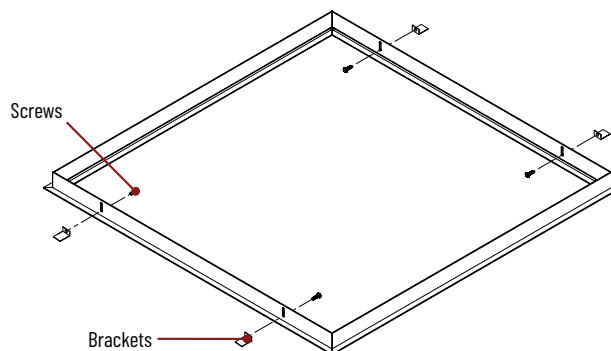


RECESSED INSTALLATION

1. Turn the power off before installation and cut out ceiling accordingly (Refer to chart).
2. Insert recessed mounting kit into opening and secure with brackets and screws.
3. Remove desired knockout and connect Troffer's wires to input.
(Please refer to the "ELECTRICAL CONNECTIONS" on Page 1)
4. Insert LED Troffer into frame kit, face down.

Cut-out dimension	
NPDBLSW-24	24.37" x 48.37"
NPDBLSW-22	24.37" x 24.37"

REQUIRES: NPDBL-xxRFB/W (Ordered Separately)



Installation Instructions

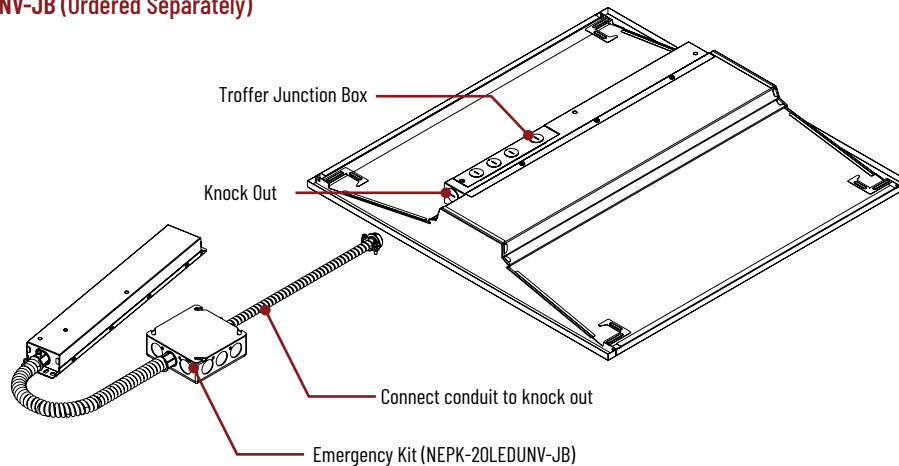
NPTCBSW

Troffers with Selectable Lumens & CCT

READ PRIOR TO ATTEMPTING INSTALLATION
ALWAYS TURN OFF MAIN POWER BEFORE INSTALLATION
INSTALLATION SHOULD BE CARRIED OUT BY YOUR LOCAL ELECTRICIAN

EMERGENCY DRIVER KIT CONNECTION

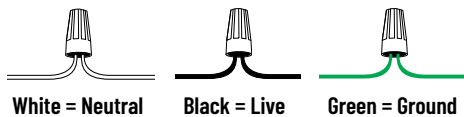
REQUIRES: NEPK-20LEDUNV-JB (Ordered Separately)



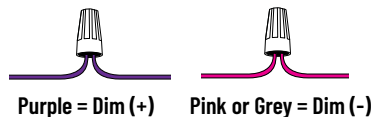
EMERGENCY DRIVER KIT WIRING DIAGRAM

1. Make connections in Troffer junction box as shown:

120-277V CONNECTION:



0-10V DIMMING CONNECTION:



2. Connect AC-L OUT (Blue) to switched line.
Connect AC-L (Black) to unswitched line.
Connect AC-N (White) to neutral.
Connect ground wire to 4-port connector inside junction box.
Connect dimming wires and sensor wires as needed.

