

# UDFP Series

# INSTALLATION INSTRUCTIONS

# INSTALLATION INSTRUCTIONS

## Before you begin

Read these instructions completely and carefully.

### ⚠ WARNING / AVERTISSEMENT

#### RISK OF ELECTRIC SHOCK

- Turn power off before inspection, installation or removal.
- Properly ground electrical enclosure.

#### RISK OF FIRE

- Follow all NEC and local codes.
- Use only UL or IEC approved wire for input/output connections. Minimum size 18 AWG (0.82mm<sup>2</sup>).

#### RISQUES DE DÉCHARGES ÉLECTRIQUES

- Coupez l'alimentation avant d'inspecter, installer ou déplacer le luminaire.
- Assurez-vous de correctement mettre à la terre le boîtier d'alimentation électrique.

#### RISQUES D'INCENDIE

- Respectez tous les codes NEC et codes locaux.
- N'utilisez que des fils approuvés par UL ou IEC pour les entrées/sorties de connexion. Taille minimum size 18 AWG (0.82mm<sup>2</sup>).

## Electrical:

UDFP-40 (Input:100-277V/AC Power:40W PF>0.9 50/60Hz)

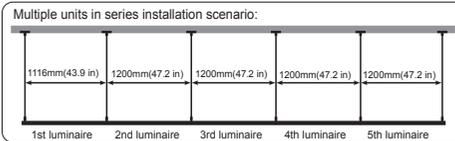
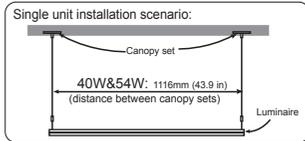
UDFP-80 (Input:100-277V/AC Power:80W PF>0.9 50/60Hz)

UDFP-54 (Input:100-277V/AC Power:54W PF>0.9 50/60Hz)

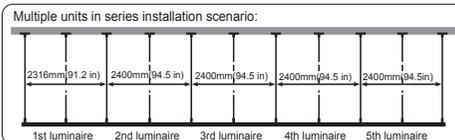
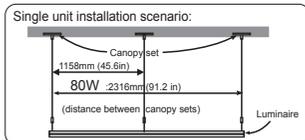
## Save These Instructions

- Use only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.
- Each luminaire is to be used with Internal driver.
- Wiring to be performed by qualified electrician only.
- Contact with the light emitting plate (LGP) is not allowed, this will cause damage.
- There are spare screws in the accessory bag.
- UDFP-40W-Support to connect 9pcs panels together in 120VAC. / Support to connect 18pcs panels together in 230VAC.
- UDFP-80W-Support to connect 4pcs panels together in 120VAC. / Support to connect 8pcs panels together in 230VAC.
- UDFP-54W-Support to connect 6pcs panels together in 120VAC. / Support to connect 18pcs panels together in 230VAC.

## Define Distance Between Canopy Sets



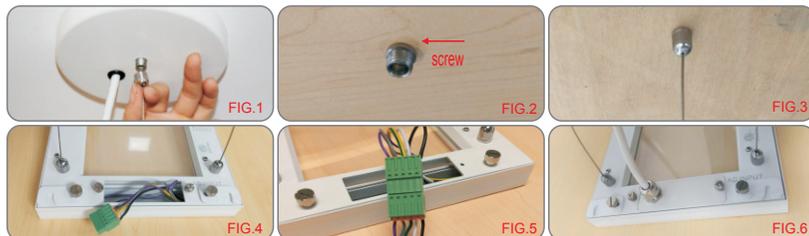
Example: To install five units in series, the distance between canopy sets for the 1st (left) and 5th (right) luminaire is 1116mm (43.9in), and the distance between canopy sets for the 2nd, 3rd and 4th (middle) luminaires is 1200mm (47.2 in).



Example: To install five units in series, the distance between canopy sets for the 1st (left) and 5th (right) luminaire is 2316mm (91.2in), and the distance between canopy sets for the 2nd, 3rd and 4th (middle) luminaires is 2400mm (94.5 in).

## Installation for Independent Unit

1. Connect AC input cable (the other side), Black (Brown) wire with L, White (Blue) wire with N, Green wire with Ground, Purple wire with dimmer +, Gray wire with dimmer -.

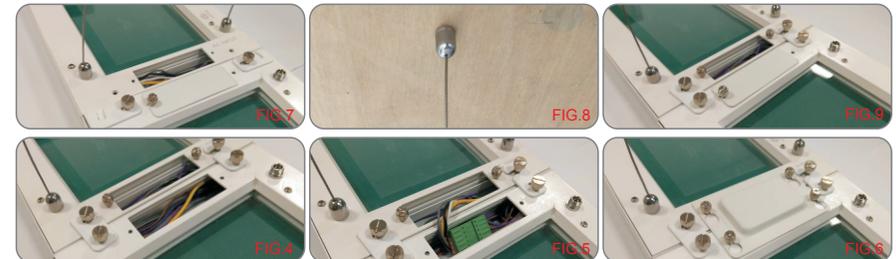
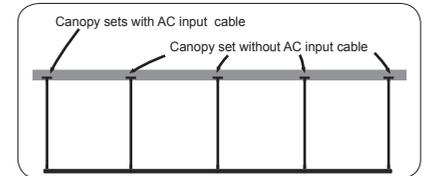


2. If you have canopy sets, then install per the canopy installation manual. And screw the suspension cable cap into base clockwise. (FIG.1).
3. If you don't have the canopy set, then open a hole with diameter 7mm in the ceiling and insert a screw into the drywall anchor to fix the base. (FIG.2)
4. Fix the screw cap onto the ceiling. (FIG.3)
5. Screw the screw cap into the base on both sizes of the fixture. (FIG.4)
6. Connect the male and female connectors. (FIG.5)
7. Install the fixture connecting plate. (FIG.6)

## Optional Mounting Method - Installation for Continuous Runs

For multiple units installed in series, Only the first canopy sets will have an AC Input cable.

1. Screw the suspension cable cap into base on the opposite side of the 2nd panel. (FIG.7)
2. Fix the screw cap onto the ceiling. (FIG.8)
3. Install the fixture connecting plate on terminal side of the fixture. (FIG.9)
4. Open the wire cover on the terminal side of the fixture. (FIG.10)
5. Connect the male and female connectors. (FIG.11)
6. Fix the wire cover. (FIG.12)



## For 0-10V Dimming(120VAC)

For 0-10V Dimming Compatible with 0-10V dimmer  
The driver PUR (D+) to the dimmer+(PUR), and the driver GRY (D-) to the dimmer-(GRY) Connect the wires with terminal cap as shown in wiring diagram (Figure 6). Incoming insulated dimming conductors shall have voltage rated at least equal to the branch voltage.

## For non-dimming

Connect the driver PUR(D+) to the driver GRY(D-)

## WIRING DIAGRAM

