

Important: Read all instructions prior to installation.

Up/Down Dimmable Panel Light

Summary

The unique design of this ETL and DLC listed 0~10V dimmable Up/Down panel light allows 40% of the light to emit up and 60% of the light to emit down. This gives the light unique applications over traditional lighting when suspended from ceilings. Ultra slim internal drivers and the ability to link these panel lights together with only one external power connection allow for clean installations. Wide input voltage range and included accessories make this light perfect for home, office and restaurant use.

Included Parts (UDPD-40K14-54)

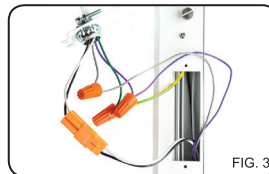
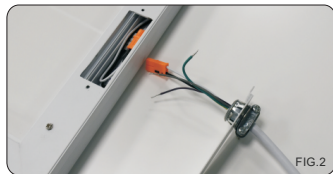
- 1 - LED Up/Down Panel
- 1 - 60" Power Cable
- 1 - Fixture Connect Plate and Wire Cover
- 1 - 3/8" Conduit Clamp
- 8 - Wire Nuts
- 2 - Quick-disconnect Fasteners
- 2 Sets - Adjustable Suspension Cables

Recommended Accessories

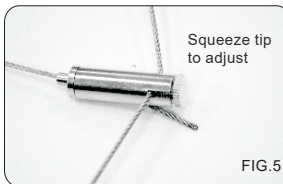
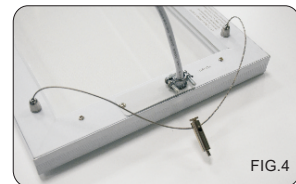
- 1 - 0~10V Dimmer (A019 or F019)
- 2 - Canopy Kit (UDPD-HK1)

Single Panel Installation

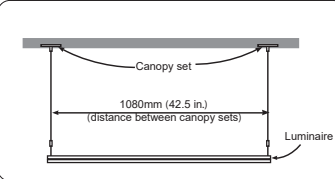
- Remove cover plate on AC INPUT side of panel light. (Fig. 1)
- Insert power cable through conduit clamp and cover plate and secure. Insert Line and Neutral power wires into corresponding locations on orange quick disconnect. Line is labeled in black, neutral is unlabeled. (Fig. 2)
- Connect green ground wire to ground in power cable and secure with wire nut. If 0~10V dimming is used, connect gray to Dim Ground and purple to Dim. Secure connections with wire nuts. Connect both orange quick disconnects together then tuck wiring into panel and secure cover with thumb screw. (Fig. 3)



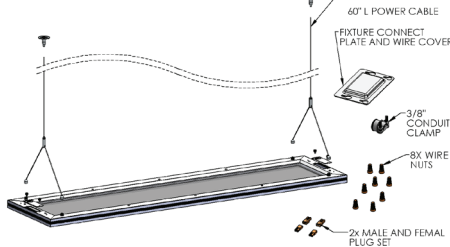
- Install suspension cables to top of panel on each side and tighten. (Fig. 4)
- Insert suspension cables into suspension cable adjusters and screw suspension cable mounting plates to mounting surface. Adjust panel height and level. (Fig. 5)
- Finish installation by routing power cable to J-Box and connecting.



Single Panel Suspension Wire Spacing



INCLUDED PARTS

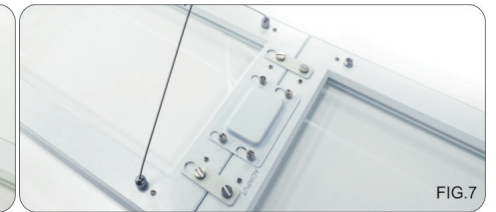
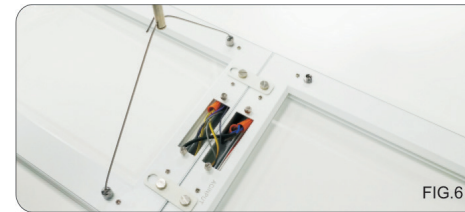


Specifications

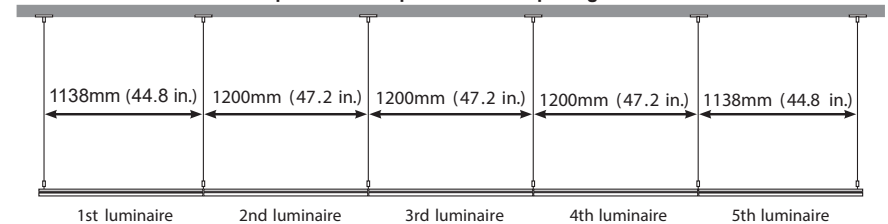
Input Voltage	100-277 VAC
Input Power	54 Watts
Input Current	470mA @ 120VAC
Lumens	5400 lm
Color Temperature	4000K
CRI	84
Efficacy	100 lm/w
Temperature Range	-4° ~ 104° F (-20° ~ 40°C)
Dimensions	L47.25" x W11.8" x H1.1" (120 x 30 x 2.7cm)
Weight	14 lbs Xoz (6350g)
Warranty	5 years

Multiple Panel Installation

- Remove cover plate on AC INPUT side of panel light.
- Insert power cable through conduit clamp and cover plate and secure. Insert Line and Neutral power wires into corresponding locations on orange quick disconnect. Line is labeled in black, neutral is unlabeled.
- Connect green ground wire to ground in power cable and secure with wire nut. If 0~10V dimming is used, connect gray to Dim Ground and purple to Dim. Secure connections with wire nuts. Connect both orange quick disconnects together then tuck wiring into panel and secure cover with thumb screw.
- Remove cover plate on opposite side of panel light 1 and remove cover plate on AC INPUT side of panel light 2. Connect orange quick disconnects from panel 1 to panel 2, along with 0~10V dimming wires. Connect both linking plates from one light to the next light in line (Fig. 6.) Tuck wiring inside panel and install fixture connect plate and wire cover securely with provided screws. Repeat this procedure for all additional linked panels.
- Combine two suspension wires into suspension cable adjuster. Install suspension cables to top of panel on each side and tighten. Repeat this procedure for all additional linked panels. (Fig. 7)
- Insert suspension cables into cable adjustments and screw suspension cable mounting plates to mounting surface. Adjust panels height and level.
- Finish installation by routing power cable to J-Box and connecting.



Multiple Panel Suspension Wire Spacing



Safety Information

- CAUTION! Risk Of Electric Shock**
- Turn off all power prior to installation by switching off circuit breaker or removing fuse at fuse box.**

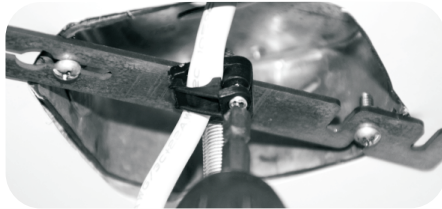
- This product should be installed by a fully certified electrician in accordance with local building and electrical codes
- Due to risk of electric shock, ensure that the main power source and circuit breakers are switched off before performing any installation or wiring procedures
- Do not install insulation within 2 in / 51mm of any part of the panel light fixture.

Canopy Kit

1. Align the holes on the bracket and screws on the J-box, and fix the bracket on the J-box.



2. Attach Cable to Crossbar using clamp.



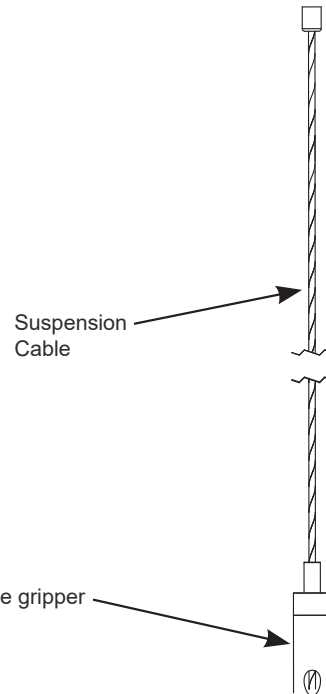
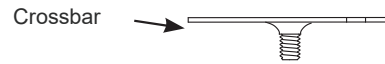
3. Remove the knock-out, install supplied grommet then connect AC wires and dimming wires. Then put the canopy against the ceiling.



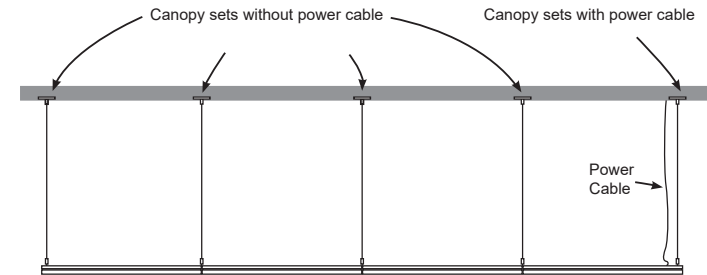
4. Screw the Suspension Cable cap into base clockwise.



5. Adjust the length of the suspension cables and screw the cap tightly.



J-Box Mounting Kit (continued)

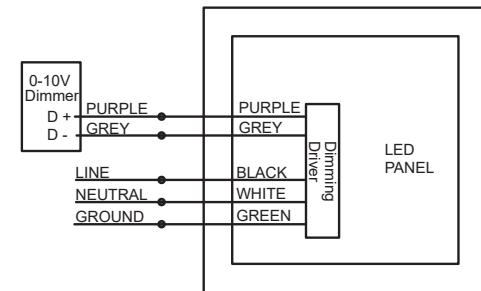


0~10V Dimming

For 0~10V Dimming, the dimmer must have 0-10V dimming capabilities.

Connect the driver PUR (D+) to the dimmer+ (PUR), and connect the driver GRY (D-) to the dimmer- (GRY). Secure the wires with terminal caps as shown in wiring diagram.

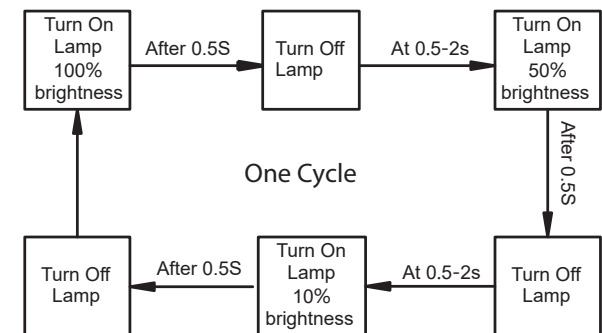
Use optional rotary dimmer (A019) or slide dimmer (F019) for 0~10V dimming.



Step Dimming

This light is capable of step dimming by way of a normal toggle type wall switch. If the wall switch is cycled according to the flow chart below the Panel Light will dim as follows:

- First ON toggle will turn the light on to 100% intensity
- After 0.5 seconds the wall switch can be toggled OFF and then back ON, after 0.5 seconds but before 2 seconds, to set the light to 50% intensity.
- After 0.5 seconds the wall switch can be toggled OFF and then back ON, after 0.5 seconds but before 2 seconds, to set the light to 10% intensity.
- After 0.5 seconds the wall switch can be toggled OFF and then back ON, after 0.5 seconds but before 2 seconds, to set the light back to 100% intensity.



Step dimming can be overridden by waiting 3 seconds between toggling the wall switch.

Step Dimming can be permanently disabled by connecting the Purple and Gray wires from the Panel Light together with a wire nut.