

LED BACK-LIT PANEL

BP4-30W-CDSXX / BP7-40W-CDSXX / BP1-30W-CDSXX



INSTALLATION MANUAL



SAFETY INFORMATION

- WARNING:** Read all safety precautions and installation instructions carefully before installing or servicing this fixture. Failure to comply with these instructions could result in a potentially fatal electric shock, fire, and/or property damage.
- To reduce the risk of electric shock or other personal injury which could be hazardous or fatal, ensure power is turned OFF at the fuse or breaker box before making any electrical connections or removing the old fixture.
 - Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
 - Must be connected to 120V, 60 Hz power source.
 - Fixture may be directly mounted to the ceiling.
 - Suitable for wall mount.
 - Not suitable for ground locations. Minimum of 4 ft or higher.
 - Fixture should be installed by a qualified electrician or person experienced with household wiring. The electrical system, and method of electrical connection of the fixture, must be in accordance with the National Electrical Code and local building codes.

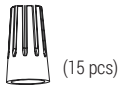
NOT INTENDED FOR USE WITH EMERGENCY EXITS

NOT SUITABLE FOR WET LOCATIONS

CONSULT A QUALIFIED ELECTRICIAN TO ENSURE CORRECT BRANCH CIRCUIT CONDUCTOR MINIMUM 90°C SUPPLY CONDUCTORS

HARDWARE INCLUDED

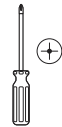
TOOLS REQUIRED



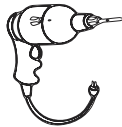
DD:
Terminal Cap
Standard (P4)



EE:
Terminal Cap
Standard (P1)



**Philips
screwdriver**



Power drill

FCC WARNING:

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

NOTES: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

PENDANT MOUNTING (Cable assembly must be purchased separately)



AA:
Expansion hooks
Standard (2)
M6



BB:
Stainless Steel Wire
Standard (4)
M6-Dia.: 1.5mm / L: 1m



CC:
Card Wire & Screws
Standard (4)
M6*10 mm M4*6 mm

PRE-INSTALLATION

- Turn off the electrical power at the fuse or circuit breaker box before installing or servicing any part of this fixture.
- In replacing a fixture, remove existing fixture and make a sketch of wiring configuration (by color) or mark wires with masking tape for identification.
- Remove panel light from carton and check that all parts are included. Be careful not to misplace any of the screws or parts needed for installing the fixture.

NOTE:

- Building supply wires must be Min. 90°C.
- Fixture wiring compartment rated for 2in/2out #12AWG only.

SUSPENDED INSTALLATION

STEP 1

Locate area where light will be suspended and mark 2 holes apart. Pre-drill 2 holes (1/4" dia.) to accommodate 2 expansion hooks (AA) which will be used to support the light. Distance between 2 holes should line up with tabs on the back of the panel light. Once holes are drilled, press hooks (AA) into holes and ensure they are firmly mounted. (See Figure 1)

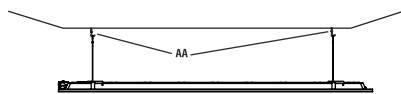


Figure 1

STEP 2

Locate 4 tabs on the back of the light panel and turn them 90°, so they are perpendicular to the light surface. (See Figure 2)

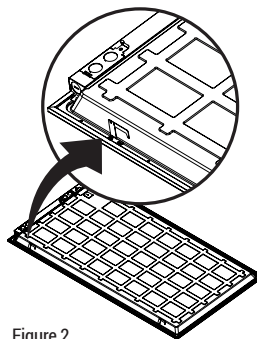


Figure 2

STEP 3

- Find the small hole located on the tabs on the back of the panel light.
- Insert open end of the steel wire (BB) through the hole in the tab until the front side of the steel wire is locked by the small hole in the tab. (See Figure 3)
- Roll and insert the end of the steel wires (BB) into one hole in the screw (CC) and then pass through the other hole making a loop. Tighten screw once wire loop is completed to ensure stability. (See Figure 4) Repeat steps for each wire.

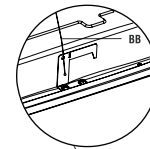


Figure 3

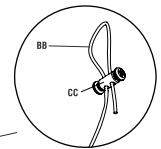
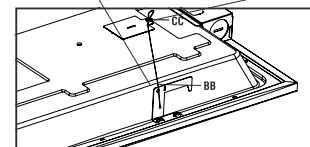


Figure 4



- Connect completed wires to each expansion hook (AA). (See Figure 5)

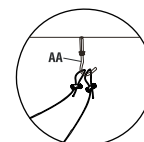


Figure 5

LED BACK-LIT PANEL

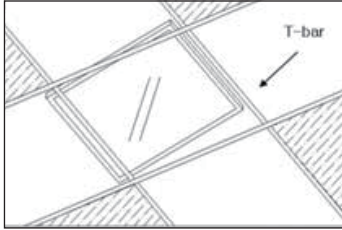
BP4-30W-CDSXX / BP7-40W-CDSXX / BP1-30W-CDSXX



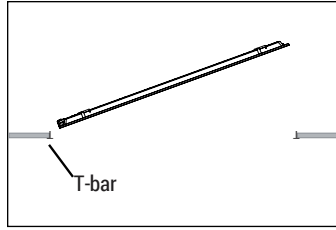
INSTALLATION MANUAL

RECESSED MOUNT / T-GRID INSTALLATION

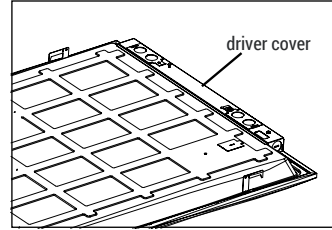
STEP 1
Remove the ceiling tile at an appropriate location where the product is to be installed, and raise the product above the bar.



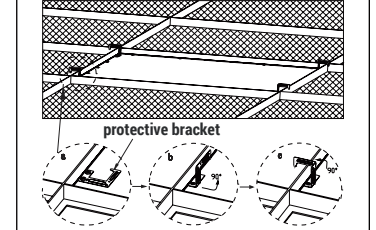
STEP 2
Place one end of the product on the T-bar. To secure the luminaire (fixture) position in ceiling, squeeze tabs into T-bars to lock luminaire (fixture).



STEP 3
With power turned off at the breaker, connect power leads to driver according to wiring diagram.



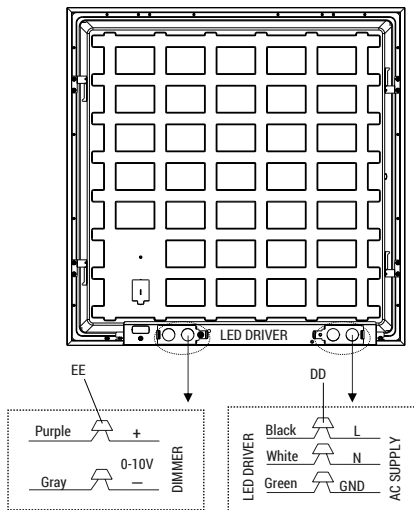
STEP 4
Use the protective brackets for safety. After securing the product on the T-bar, secure panel to the ceiling with aircraft cable or wires capable of supporting 100 lbs minimum.



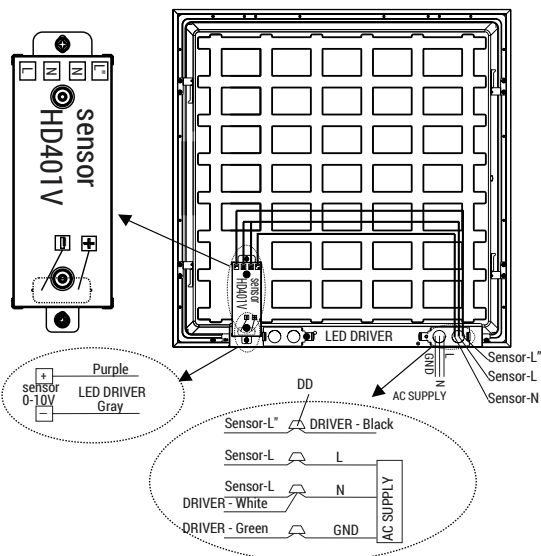
REFER TO PROPERLY WIRE PANEL LIGHT. (Figure 6, Figure 7, Figure 8) RECOMMENDED: Use electrical tape to cover wire nuts.

WIRING DIAGRAM

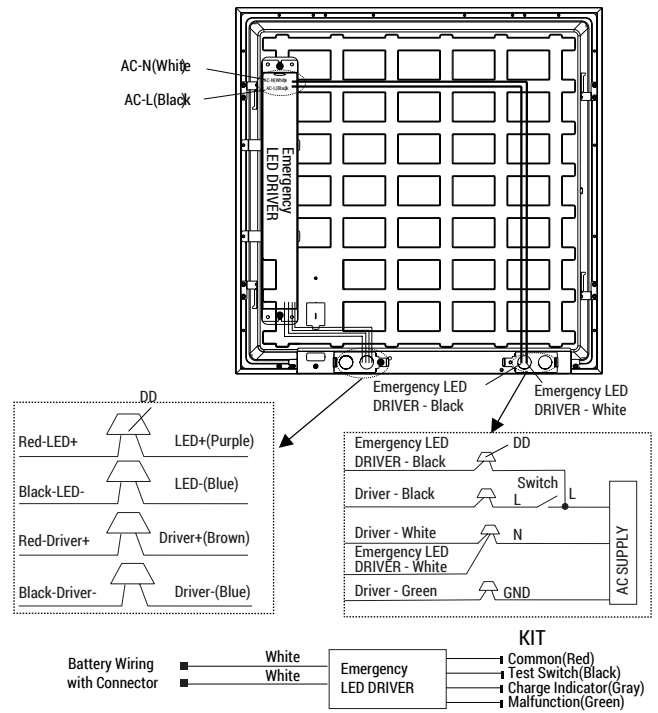
1. LED DRIVER WIRING DIAGRAM (Figure 6)



2. WITH SENSOR WIRING DIAGRAM (Figure 7)



3. WITH EMERGENCY LED DRIVER WIRING DIAGRAM (Figure 8)



TROUBLE SHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Light will not come on	A. Light switch is turned off. B. Fuse is blown or circuit breaker is turned off. C. Incorrect circuit wiring.	A. Turn light switch on. B. Replace fuse or turn circuit breaker on. C. Verify that fixture is wired properly.