APEX LINEAR LOW BAY

ikiO LED LIGHTING

IMPORTANT SAFEGUARDS

Cautions:

1. Do not use an electric generator to test the LED light.
2. Please adhere to the laws and regulations of the respective country, region, and locality when installing this fixture.
3. Turn off the power before performing installation or maintenance.
4. Proper grounding is required to ensure safety.

Notices:

1. To prevent the risk of electric shock or fire, installation must be performed by a professional with the required electrical knowledge.
2. Wear gloves during installation to avoid injury.
3. If you notice any smoke or sparks during installation, turn off the power immediately and notify the relevant personnel.
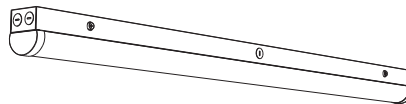
Attention:

1. Inspect the product for damage during shipping. If any damage is found, contact the manufacturer immediately.
2. Carefully read the installation instructions and verify that all accessories are included. After confirmation, install the fixture following the specified steps.
3. If you notice any smoke or sparks during installation, turn off the power immediately and notify the relevant personnel.

Wiring Diagram & Instructions:

Three dimming functions are available in this high bay light:
1. Constant current achieved through 0-10V DC dimming.
2. PWM signal dimming.
3. Resistance unit variation dimming.

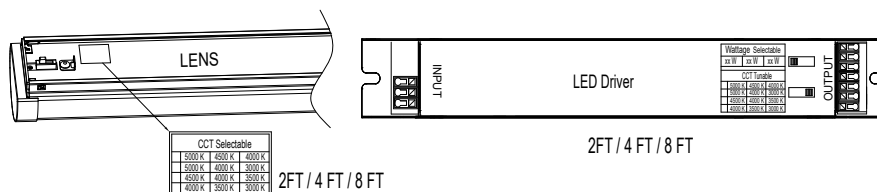| Description: This product is 0-10V dimming,below dimmers are recommened:	
Brand	**Model**
LUTON	NTSTV-DV
LEVITON	DS710-10Z / IP710
LEGRAND	RH4FBL3PW

Wiring Instructions:

L: Black
N: White
⏚ Green/Yellow
DIM+: Purple
DIM-: Grey
Please select the dimming option that best suits your needs. You may also choose not to use this feature.
The shape of the lampshade, whether round or square, does not impact the installation process or the product's functionality.

CCT or Wattage Selectable:

Step 1: Press the screws on both sides of the light by hand to open it. The wattage can be adjusted by dialing.

LENS

2FT / 4 FT / 8 FT

INPUT   LED Driver   OUTPUT

Wattage Selectable

CCT Tunable

2FT / 4 FT / 8 FT

CCT Selectable

5000 K	4500 K	4000 K
5000 K	4000 K	3000 K
4500 K	4000 K	3500 K
4000 K	3500 K	3000 K

Two Installation Methods: (A) Surface Mounting & (B) Pendant Mounting
(Please choose the most suitable installation method for the purchased product as per your needs.)

A. Surface Mounting

Step 1: Depending on the product's length, drill holes at the corresponding positions and insert the rubber plugs from the accessory kit into the holes (Figure 1).
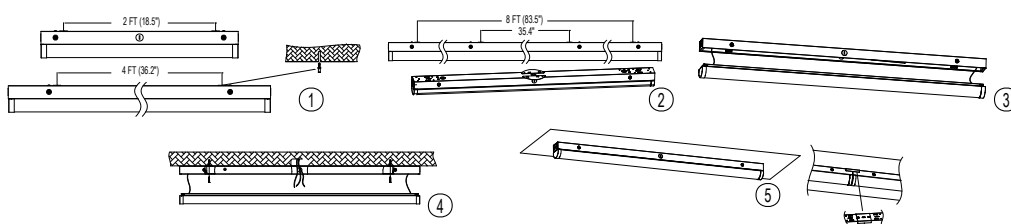Step 2: Attach the disc from the accessory kit to the light. (This step can be omitted if the light fixture completely covers the junction box on the wall) (Figure 2).
Step 3: Press the screws on both sides of the light by hand to open it (Figure 3).
Step 4: Lead the wire into the light and secure the light chassis using the screws provided in the accessory kit (Figure 4).
Step 5: Connect the wires according to safety requirements. Then attach the light back to the chassis using an extra mounting bracket. The lights can also be connected in series (Figure 5).
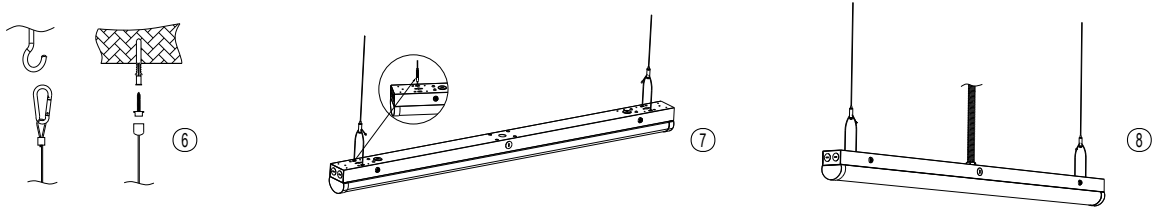(Product connection: 20 W lamps can be connected up to a maximum of 50 units, 40 W up to 20 units, and 70 W up to 10 units.)

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B. Pendant Mounting
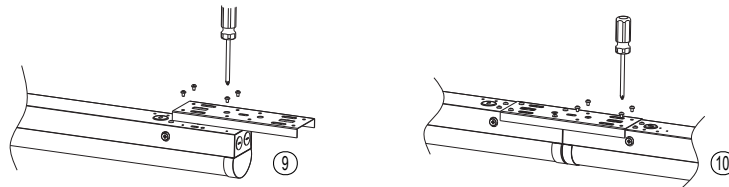
Step 1. Hang one end of the installation rope on the wall or a hook (choose accessories based on your requirements) (Figure 6).
Step 2. Secure the other end of the installation rope to the light fixture (Figure 7).
Step 3. Press the screws on both sides of the light fixture by hand to open it.
Step 4. Connect the wires as per safety requirements, then reattach the light to the chassis (Figure 8).

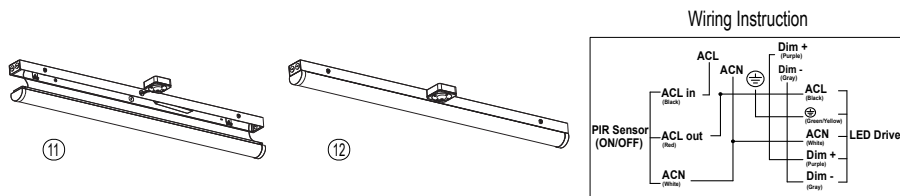## Extra Accessory Option Installation: (1) Product Lengthening, (2) Sensor, and (3) Backup Driver.

1. Product Lengthening:

Step 1: Use the screws from the accessory kit to secure the bracket to one light (Figure 9).
Step 2: Align the other light with the bracket and tighten the screws (Figure 10).
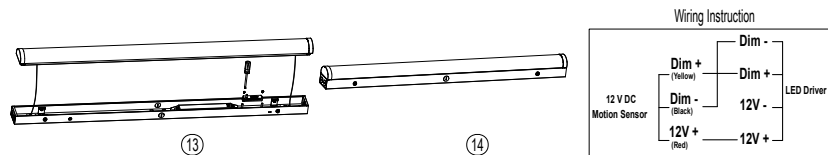(Product Connection: 20W lights can connect up to 50 pcs, 40W up to 20 pcs, and 70W up to 10 pcs.)

2-1. AC PIR Sensor:

Step 1. Press the screws on both sides of the light by hand to open it.
Step 2. Attach the PIR sensor to the light (Figure 11), connect the wires as per the wiring instructions, and reassemble the light (Figure 12).
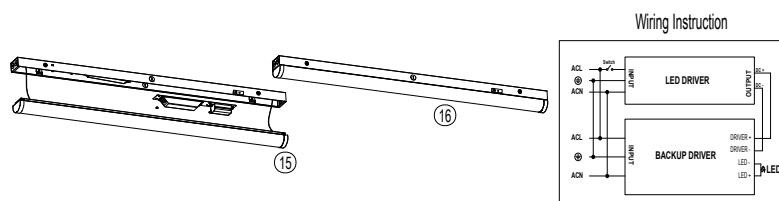

Wiring Instruction

2-2. DC Motion Sensor:

Step 1: Press the screws on both sides of the lamp by hand to open it.
Step 2: Attach the DC sensor to the designated position (see Figure 13).
Step 3: Connect the wires as per the wiring instructions, adjust the sensing mode to your requirements, and reassemble the light (see Figure 14).

Wiring Instruction

3.Backup Driver:

Step 1: Press the screws on both sides of the light by hand to open it.
Step 2: Attach the backup driver to the light chassis (Figure 15).
Step 3: Connect the wires according to the wiring instructions, then reassemble the light (Figure 16).

Wiring Instruction

Warning
Min 194°F Supply Conductors
Consult a qualified electrician to ensure the correct branch circuit conductor.