

# APEX LINEAR LOW BAY

## IMPORTANT SAFEGUARDS

### Cautions:

1. Do not use the electric generator to test the LED light.
2. Please abide by the law and regulations of the related country, region, and locality when installing this fixture.
3. Please turn off the power before performing installation or maintenance.
4. Proper earth grounding is required to ensure safety.

### Notices:

1. To prevent the risk of electric shock or fire, the installation must be conducted by a professional operator who has the required electrical knowledge.
2. Please wear gloves before installing the lights to avoid injury.
3. If you notice any smoke or spark during the process, please turn off the power immediately and notify a relevant personnel.

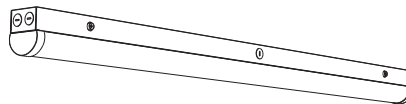
### Attention:

1. Please check if there is any damage during shipping. If so, please contact the manufacturer immediately.
2. Please read the installation instructions carefully to check whether all the accessories are complete. After confirmation, install the fixture according to installation steps.
3. If you notice any smoke or spark during the process, please turn off the power immediately and notify a relevant personnel.

### Wiring Diagram & Instruction:

3 Dimming functions are available in this high bay light:

1. Constant current can be achieved by 0-10 V DC dimming;
2. PWM signal dimming;
3. Variation of resistance unit dimming.



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

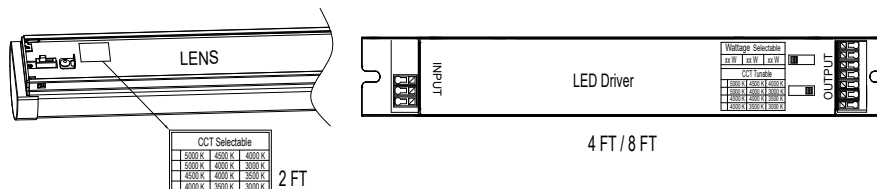
### Wiring Instruction:

L: Black,  
N: White,  
: Green/Yellow  
DIM+: Purple  
DIM-: Grey

Please choose the appropriate dimming way according to your needs. You can also choose not to use this function.  
Round lampshade or square lampshade will not affect the installation method or function expansion of the product.

### CCT & Power Selectable:

Step 1. Press the screws on both sides of the light by hand to open the light. Wattage can be adjusted via dialing.

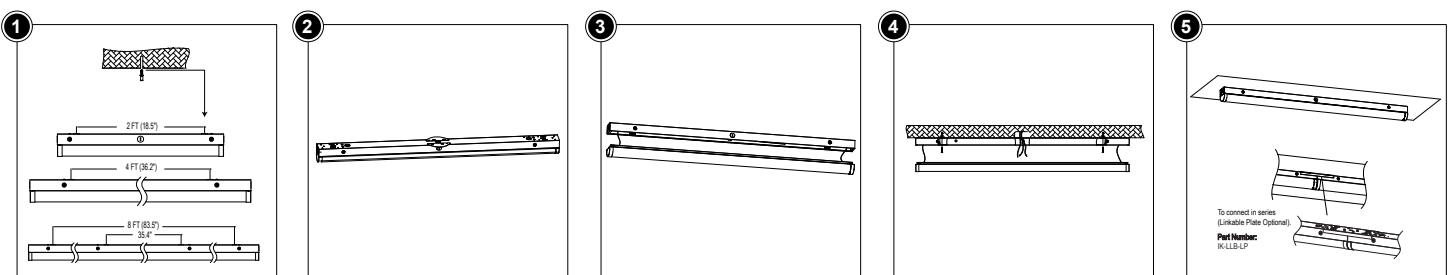


## Installation Instructions : Two Installation Methods: (A) Surface Mounting & (B) Suspended Mounting

(Please choose the most suitable installation method for the purchased product as per your needs.)

### A. Surface Mounting :

- Step 1. According to the different lengths of the product, drill holes at the corresponding positions and drive the rubber plugs from the accessory kit into the holes (Figure 1).
- Step 2. Clamp the disc from the accessory kit to the light (this step can be omitted if the light fixture can completely cover the junction box on the wall) (Figure 2).
- Step 3. Press the screws on both sides of the light by hand to open the light (Figure 3).
- Step 4. Lead the wire into the light and install the light chassis by using the screws in the accessory kit (Figure 4).
- Step 5. Connect the wires according to the safety requirements, and then install the light back to the chassis using an extramounting bracket. The lights can be connected in series (Figure 5).



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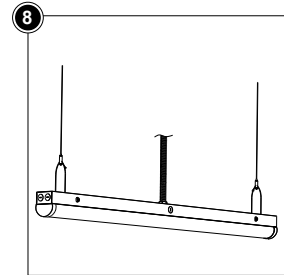
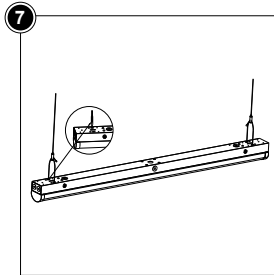
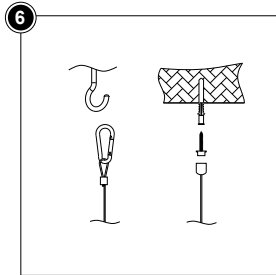
## B. Suspended Mounting :

Step 1. Hang one end of the installation rope on the wall or hook (choose accessories according to your needs) (Figure 6).

Step 2. Fasten the other end of the installation rope to the light (Figure 7).

Step 3. Press the screws on both sides of the light by hand to open the light.

Step 4. Connect the wires according to safety requirements, and then install the light back to the chassis (Figure 8).



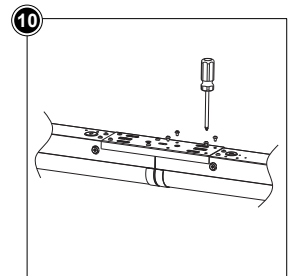
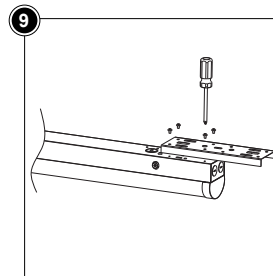
## Optional Accessories (Installation Instruction): 1: Linkable Plate 2: Sensors 3: Backup Driver

### 1. Linkable Plate (To Connect in Series / Continuous Run) :

Step 1. Use the screws in the accessory kit to lock the bracket onto one light (figure 9).

Step 2. Align the other light to the bracket and lock the screws (Figure 10).

(Product connection: 20 W Fixtures can be connected to maximum 50 pcs, 40 W Fixtures maximum 20 pcs, and 70 W Fixtures up to 10 pcs).

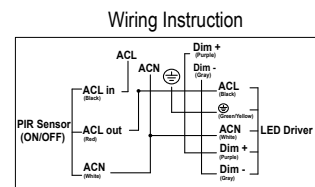
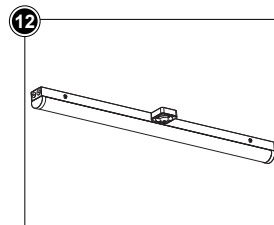
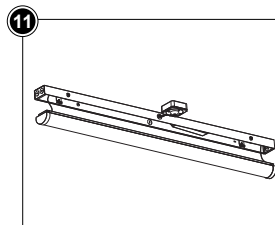


## 2. Sensors :

### 2A. AC PIR Sensor :

Step 1. Press the screws on both sides of the light by hand to open the light.

Step 2. Assemble the PIR sensor onto the light (Figure 11), connect the wires according to the wiring instructions, and then assemble the disassembled light back. (Figure 12).

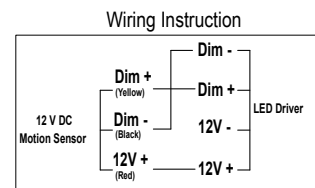
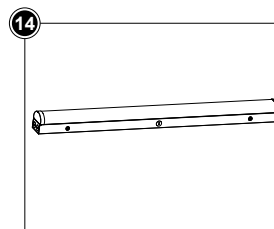
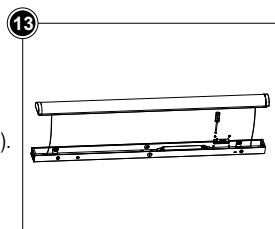


### 2B. DC Motion Sensor :

Step 1. Press the screws on both sides of the lamp by hand to open the light.

Step 2. Assemble the DC sensor to the corresponding position (Figure 13).

Step 3. Connect the wires according to the wiring instructions, adjust the sensing mode as per demand, and then assemble the disassembled light back. (Figure 14)

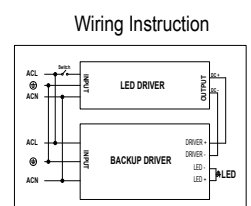
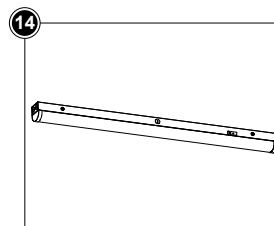
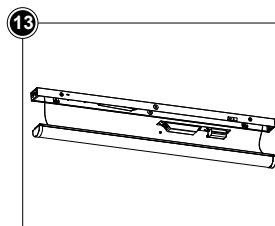


## 3. Backup driver:

Step 1. Press the screws on both sides of the light by hand to open the light.

Step 2. Assemble the backup driver to the light chassis (Figure 15).

Step 3. Connect the wires according to the wiring instructions, and assemble the disassembled light back. (Figure 16).



## WARNING

Min 194 °F supply conductors

Consult a qualified electrician to ensure the correct branch circuit conductor.