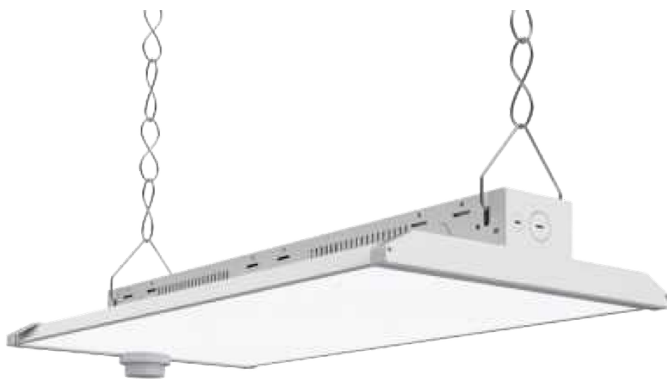


# Tunable LED Linear Highbay (LHB07S)

**Wattages:** 160W, 220W, 300W Max Tunable



The Linear High Bay with its all-in-one, high quality lampshad with multiple mounting situations available put it at the top of the list for any high ceiling area where super bright light is needed. The LED Linear High bay Light Series can be widely used for indoor excellent for warehouse, industry building, factories, fitness center, and many other applications. Lighting controls meet design lights consortium (DLC) networked lighting control system technical requirements, LLLC, Energy Monitoring and High End Trim function.



## PRODUCT FEATURES:

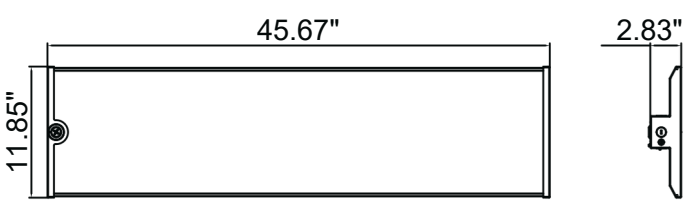
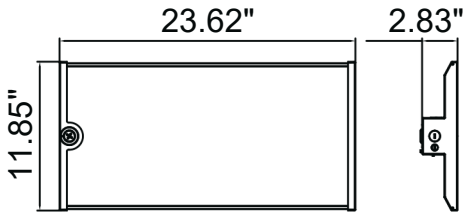
- Optical design, greatly improved the light utilization and evenness.
- Full length lighting more brightness up to 140LPW
- High efficiency LED Driver, voltage AC120-277V / AC277-480V
- Rugged galvanized rolled iron plate housing, better cooling, light quality, LED Tj < 85°C.
- 0-10V dimming.
- 12Vdc auxiliary dimming
- Field install plug and play Bi-Level Sensor.

| SPECIFICATION       |                           |                     |                     |
|---------------------|---------------------------|---------------------|---------------------|
| WAT T A G E         | 160/130/110/80/60W        | 220/180/165/110/80W | 300/220/165/110/80W |
| CCT                 | 3500K/4000K/5000K Tunable |                     |                     |
| EFFICACY            | Up to 140LPW              |                     |                     |
| CRI                 | Ra 80                     |                     |                     |
| INPUT VOLTAGE       | AC120-277V AC277-480V     |                     |                     |
| DISTRIBUTION        | 90°                       |                     |                     |
| POWER FACTOR        | 0.9                       |                     |                     |
| DRIVER EFFICACY     | 90%                       |                     |                     |
| DIMMING             | 0-10Vdc                   |                     |                     |
| LIFE SPAN           | over 50,000 hrs           |                     |                     |
| WORKING TEMPERATURE | -40°F~113°F               |                     |                     |
| STORAGE TEMPERATURE | -40°F~176°F               |                     |                     |
| OUTDOOR RATING      | Damp location             |                     |                     |
| CABLE               | 5 core, 18AWG 0.5FT       |                     |                     |
| WARRANTY            | 5 year limited            |                     |                     |

# Tunable LED Linear Highbay (LHB07S)

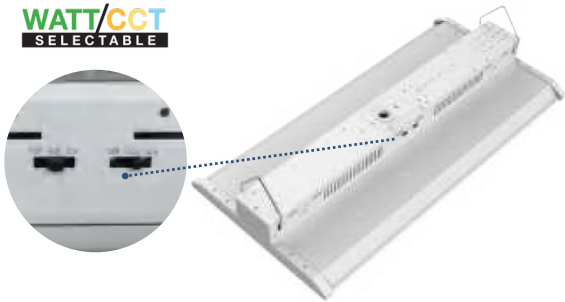
Wattages: 160W, 220W, 300W Max Tunable

## PRODUCT DIMENSION:



|  | Packing            | Size                   | Net Weight | Gross Weight | pcs/ctn  |
|--|--------------------|------------------------|------------|--------------|----------|
|  | Outer Packing Size | L25.2"xW8.27"xH13.58"  | 14.11Lbs   | 17.11Lbs     | 2pcs/ctn |
|  | Outer Packing Size | L25.2"xW8.27"x"H13.58" | 17.64Lbs   | 21.56Lbs     | 2pcs/ctn |
|  | Outer Packing Size | L47.24"xW8.27"xH13.58" | 29.29Lbs   | 34.13Lbs     | 2pcs/ctn |

With Auduio Jack Sensor base



## ORDERING GUIDE:

EXAMPLE:

SS-LHB07-300W-H-XX-TCP-Y

| SS | LHB07          | 300W                                                                            | H           | XX                                                 | TCP                                        | Y                                                                                                                                                                           |
|----|----------------|---------------------------------------------------------------------------------|-------------|----------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | PRODUCT        | POWER                                                                           | HIGH LUMENS | INPUT VOLTAGE<br>Blank=120-277Vac<br>HV=227-480Vac | Tunable CCT and Power<br>3500K/4000K/5000K | CONTROL                                                                                                                                                                     |
|    | Linear Highbay | 160W=160/130/110/80/60W<br>220W=220/180/165/110/80W<br>320W=320/220/165/110/80W |             |                                                    |                                            | A: PIR sensor (Infrared sensor)<br>B: MS sensor (occupancy sensor)<br>C: BRT sensor (occupancy+bluetooth)<br>D: PHB sensor (Infrared bluetooth)<br>Blank: no provide sensor |

## ACCESSORIES MOUNTING BRACKETS



Chain Mount

Standard

## SOLD SEPARATELY



Sensor



Surface Mount



J-Box Mount



Emergency Driver



Wire Guard



Remote Controller

# Tunable LED Linear Highbay (LHB07S)

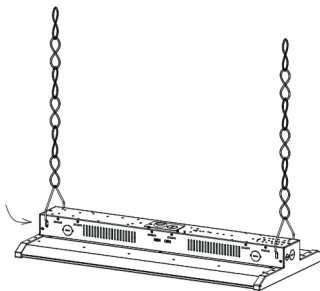
**Wattages:** 160W, 220W, 300W Max Tunable

## Chain installation:

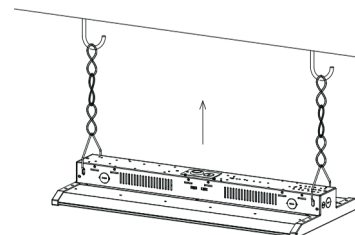
1. The steel wire suspension rope is shown in the following figure



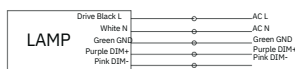
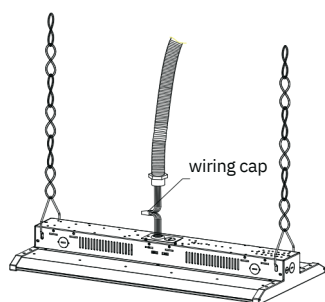
2. Insert the steel wire rope into the slotted hole, as shown in the following figure



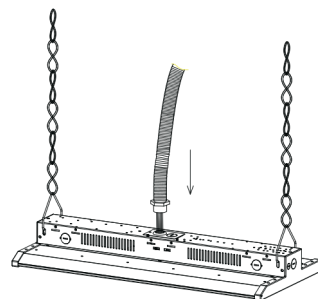
3. Hang the hanging rope on the ceiling



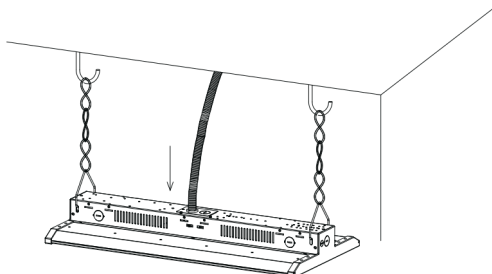
4. Turn off power, and make wiring connections with terminal cap (see wiring instruction below).



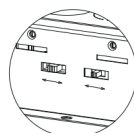
5. Insert the terminal cap and wires into the driver box.



6. Insert the wire terminal joint to the wire entry. Installation completed.

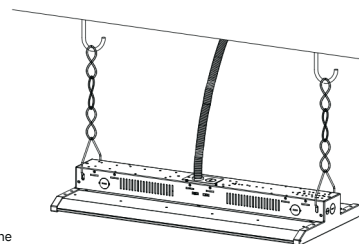


7. If you purchase a lamp with optional color temperature or power functions, adjust the switch to the desired color temperature or power. If there is no adjustable function, there is no switch for this item



Color temperature optional switch or none

Power selectable switch or none

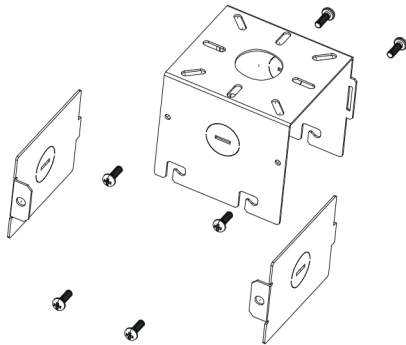


# Tunable LED Linear Highbay (LHB07S)

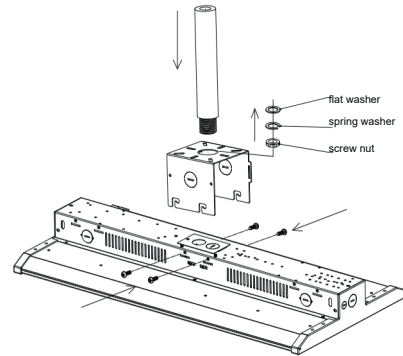
**Wattages: 160W, 220W, 300W Max Tunable**

## Pole Pendant Installation:

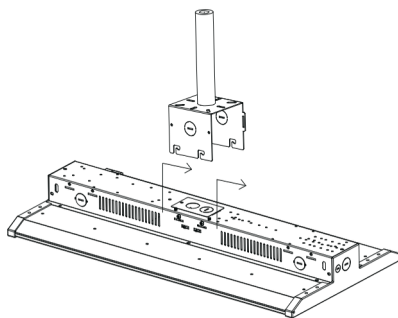
1. Find the following accessories from the accessories pack



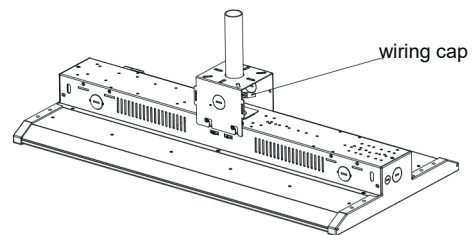
2. First, install and fix the terminal cap with the suspension rod, and then tighten the screws at the position shown in the picture, being careful not to tighten them



3. Align the screw with the opening slot on the terminal cap, push it up first, and then drag it to the side to complete the assembly



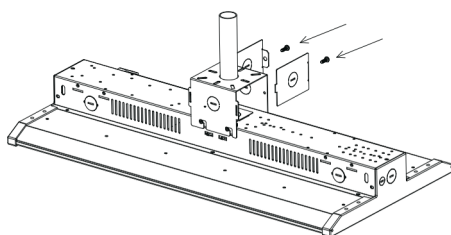
4. Turn off power, and make wiring connections with terminal cap. (see wiring instruction below).



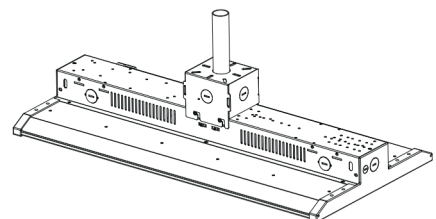
**LAMP**

|               |             |
|---------------|-------------|
| Drive Black L | AC L        |
| White N       | AC N        |
| Green GND     | Green GND   |
| Purple DIM+   | Purple DIM+ |
| Pink DIM-     | Pink DIM-   |

5. Attach both face plates to the Junction box with the provided hardware. Installation completed.



6. If you purchase a lamp with optional color temperature or power functions, adjust the switch to the desired color temperature or power. If there is no adjustable function, there is no switch for this item



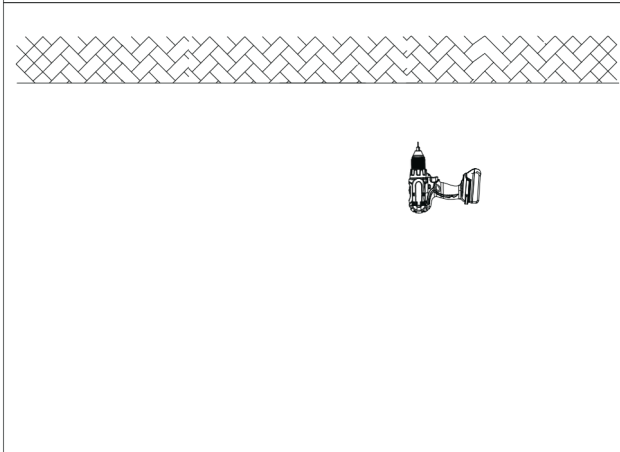
Color temperature optional switch or none  
Power selectable switch or none

# Tunable LED Linear Highbay (LHB07S)

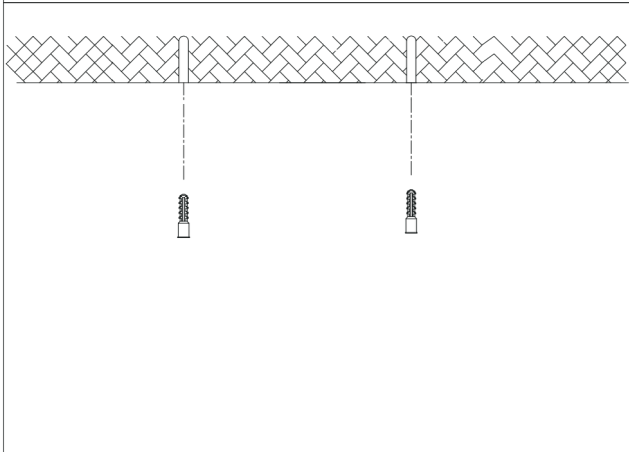
Wattages: 160W, 220W, 300W Max Tunable

## Surface Mounted:

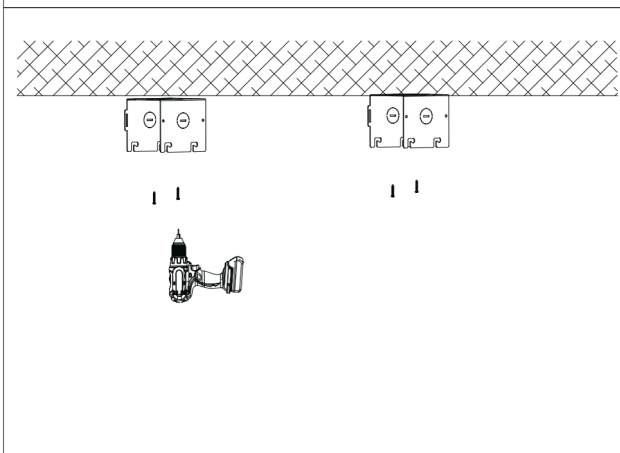
1. Drill the alignment holes on the top ceiling, make them match to the holes on mounting bracket.



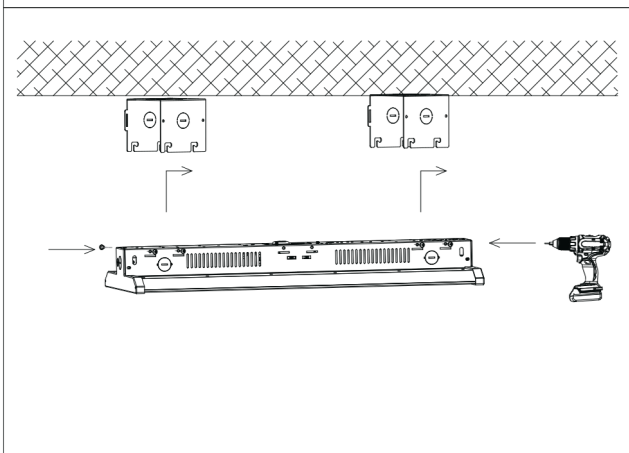
2. Screw the anchors to holes on ceiling respectively



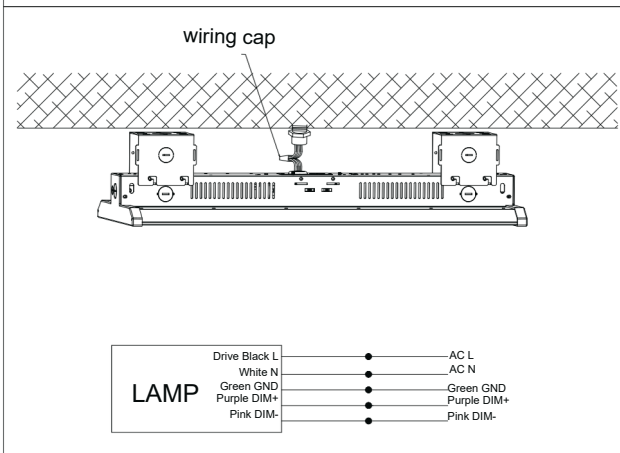
3. Screw the bracket to the ceiling



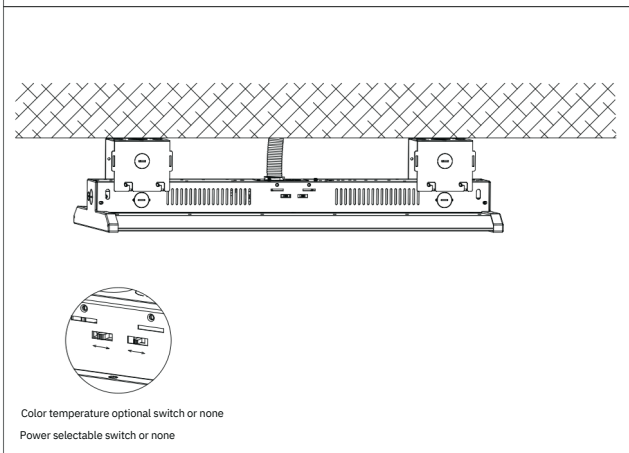
4. Attach the lamp to the hook fitting.



5. Find the wiring cap from the accessory package and wire it according to the following diagram.



6. If you purchase a lamp with optional color temperature or power functions, adjust the switch to the desired color temperature or power. If there is no adjustable function, there is no switch for this item

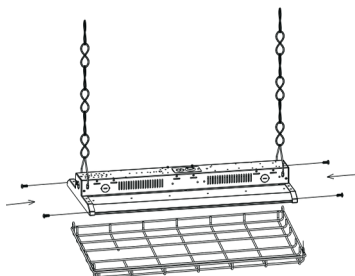


# Tunable LED Linear Highbay (LHB07S)

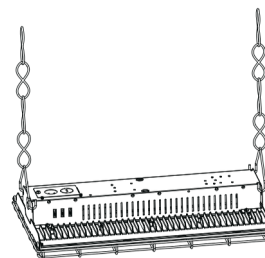
**Wattages:** 160W, 220W, 300W Max Tunable

## Wire Guard Installation:

1. Install the protective net according to the following diagram, using the screws in the accessory package

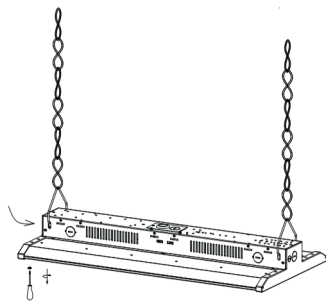


2. Installation completed

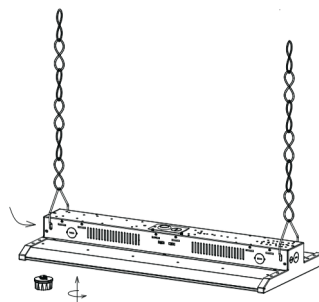


## Sensor installation:

1. If the purchased lamp is pre installed with a sensor base and requires the installation of a sensor, first remove the plug as shown in the following figure



2. Install the sensor as shown in the following figure



## APPLICATIONS

