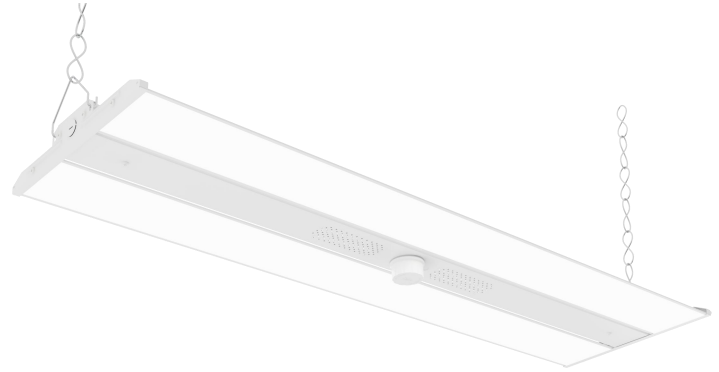




### LED Linear High Bay

Model: SZ-LHB500W-4FT-ACP

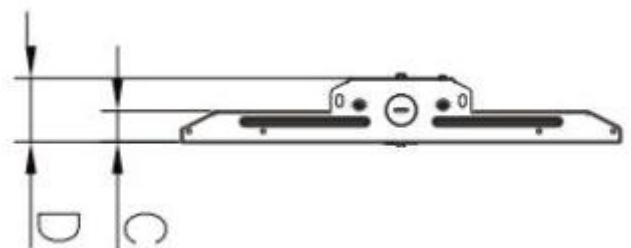
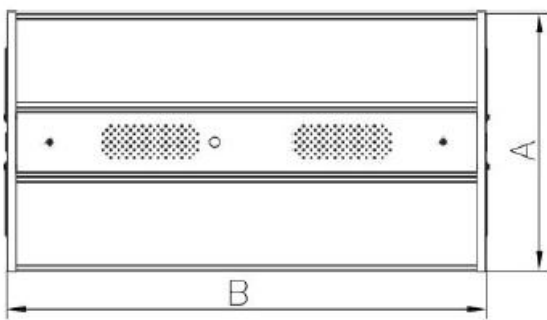
#### Advantage:

- UL & DLC certificate
- 2835 Seoul Chip, high CRI
- Input voltage 120-277VAC
- No UV or IR in the beam
- Easy to install and operate
- Energy saving, long lifespan
- Light is soft and uniform, safe to eyes
- Instant start, NO humming
- Green and eco-friendly without mercury.



#### Application:

- Warehouse, factory and workshops;
- Exhibition hall and supermarkets, etc.



Size: A-12.8", B-45.67", C-0.91", D-2.08"

## Product Specifications

|              |                     |
|--------------|---------------------|
| Product Name | LED Linear High Bay |
| Model        | SZ-LHB500W-4FT-ACP  |
| Dimension    | 45.67*12.8*2.08"    |

## Technical Characteristic

|                   |                                       |
|-------------------|---------------------------------------|
| Color temperature | Adjustable CCT:4000K/5000K/6000K      |
| CRI               | >70                                   |
| Lumen             | 72500LM                               |
| Lumen Efficacy    | 145LM/W                               |
| Input Power       | Adjustable power: 300W/400W/500W      |
| Viewing Angle     | 90°                                   |
| Input Voltage     | 120-277V 50/60Hz                      |
| Driver model      | China Brand Driver , (0-10Vdc Dimmer) |
| PF                | >0.9                                  |
| Base              | With motion sensor base               |
| Waterproof Rating | DAMP (IP20)                           |

## Materials

|                       |             |
|-----------------------|-------------|
| LED Type              | 2835        |
| LED QTY               | 2400PCS     |
| Housing               | IRON+PMMA   |
| Housing color         | White       |
| Operating Temperature | -35℃ TO 50℃ |
| Operating Humidity    | 10%-90% RH  |
| Storage Temperature   | -40℃ TO 80℃ |

## Other

|                      |          |
|----------------------|----------|
| Storage Humidity     | 10%-95%  |
| Application          | Indoor   |
| Safety Certification | UL & DLC |
| Warranty Time        | 5 Years  |

## Package

| Model              | Net Weight | Carton Size    | Qty / Carton | Gross Weight |
|--------------------|------------|----------------|--------------|--------------|
| SZ-LHB500W-4FT-ACP | 9.7KG      | 47*5.32*13.99" | 2 PC         | 10.8KG       |

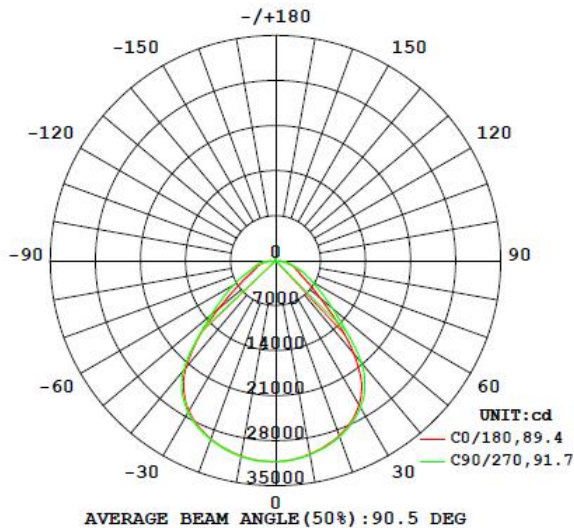
## Light Distribution Testing Parameters

## LUMINAIRE PHOTOMETRIC TEST REPORT

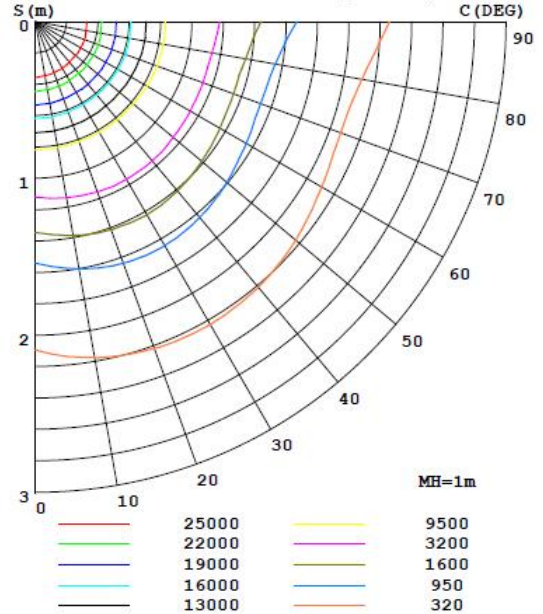
|                                                                                                                         |                          |                  |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------|
| Test:U:119.79V I:4.0942A P:490.07W PF:0.9992 Freq:60.01Hz<br>UTHDi:0.64% ITHDi:3.20% KDisp:1.000 Lamp Flux:69501.1x1 lm |                          |                  |
| NAME: SZ-LHB500W-4FT-ACP                                                                                                | TYPE: SZ-LHB500W-4FT-ACP | WEIGHT:          |
| SPEC.: 100~277V                                                                                                         | DIM.: 0.32*1.16          | SERIAL No.: 01   |
| MFR.: EVERFINE                                                                                                          | SUR.: 0.32*1.16          | Shielding Angle: |

| DATA OF LAMP      |                    | PHOTOMETRIC DATA      |        |                    |           | Eff: 141.82 lm/W |
|-------------------|--------------------|-----------------------|--------|--------------------|-----------|------------------|
| MODEL             | SZ-LHB500W-4FT-ACP | I <sub>max</sub> (cd) | 31257  | S/MH (C0/180)      | 1.28      |                  |
| NOMINAL POWER (W) | 500                | LOR (%)               | 100.0  | S/MH (C90/270)     | 1.28      |                  |
| RATED VOLTAGE (V) | 120                | TOTAL FLUX (lm)       | 69501  | η UP,DN (C0-180)   | 1.1, 47.3 |                  |
| NOMINAL FLUX (lm) | 69501.1            | CIE CLASS             | DIRECT | η UP,DN (C180-360) | 1.0, 50.6 |                  |
| LAMPS INSIDE      | 1                  | η up (%)              | 2.1    | CIBSE SHR NOM      | 1.25      |                  |
| TEST VOLTAGE (V)  | 120                | η down (%)            | 97.9   | CIBSE SHR MAX      | 1.35      |                  |

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM (UNIT: lx)

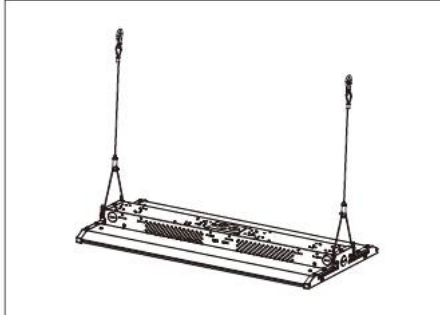


### Chain Installation(Standard)

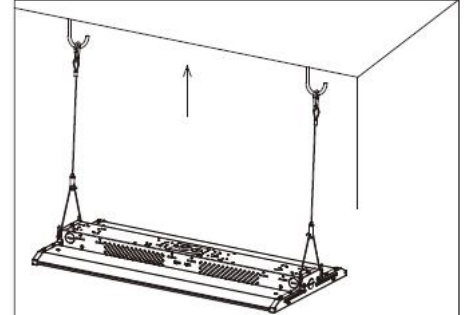
1. The steel wire suspension rope is shown in the following figure



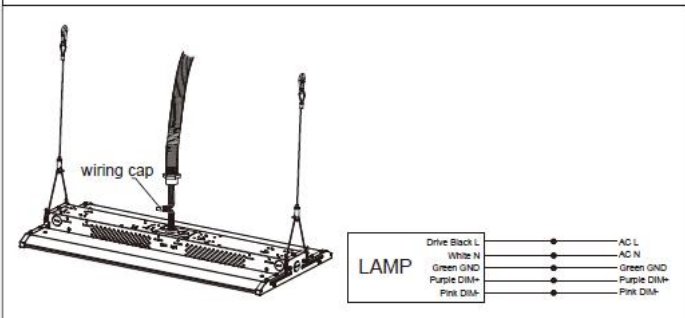
2. Insert the steel wire rope into the slotted hole, as shown in the following figure



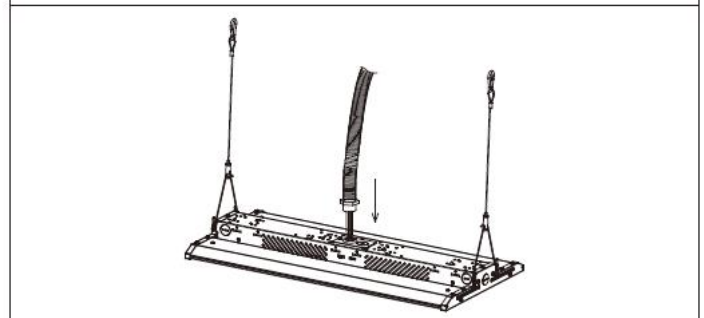
3. Hang the hanging rope on the ceiling



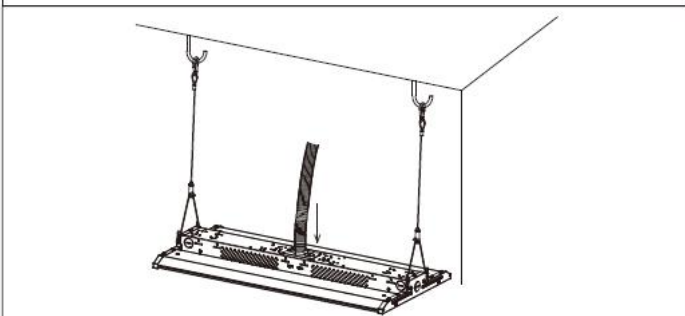
4. Turn off power, and make wiring connections with terminal cap (see wiring instruction below).



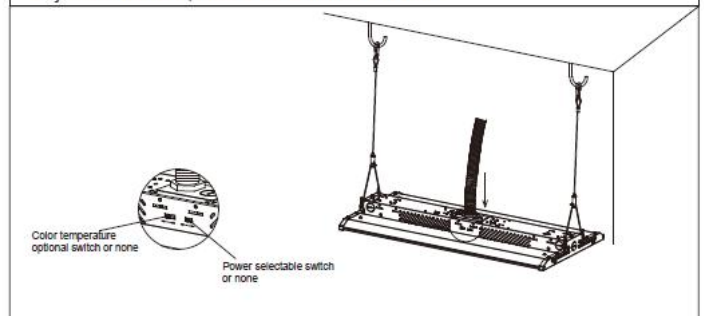
5. Insert the terminal cap and wires into the driver box.



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



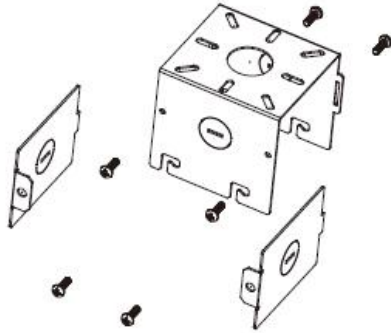
7. If you purchase a lamp with optional color temperature or power functions, adjust the switch to the desired color temperature or power. If there is no adjustable function, there is no switch for this item



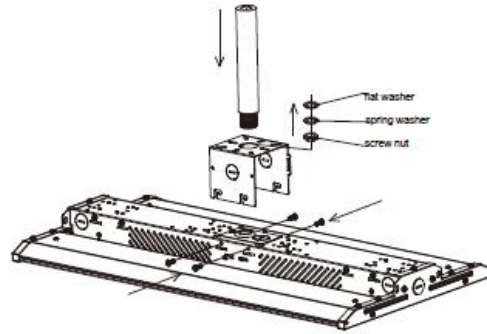


### Pole Mounting Installation

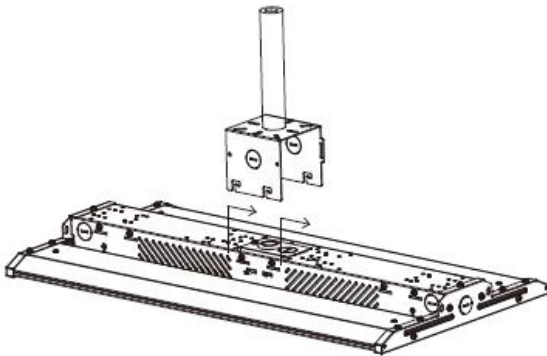
1. Find the following accessories from the accessories pack



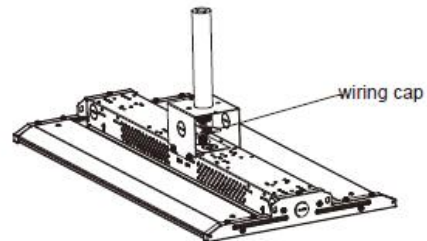
2. First, install and fix the terminal cap with the suspension rod, and then tighten the screws at the position shown in the picture, being careful not to tighten them



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



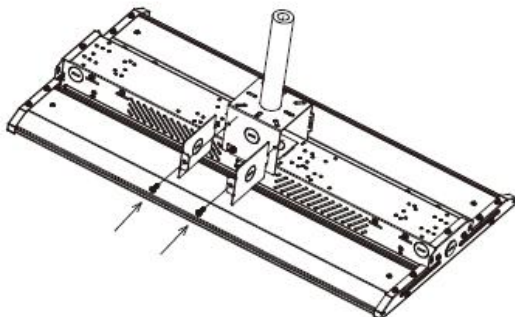
4. Turn off power, and make wiring connections with terminal cap. (see wiring instruction below).



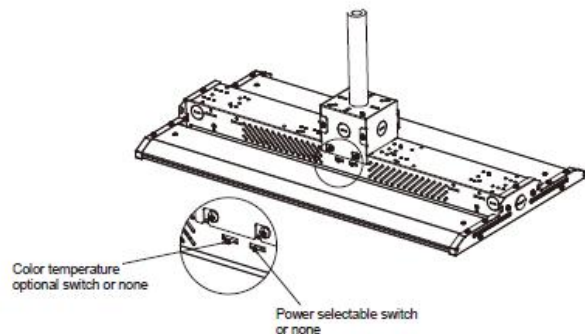
LAMP

|               |             |
|---------------|-------------|
| 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

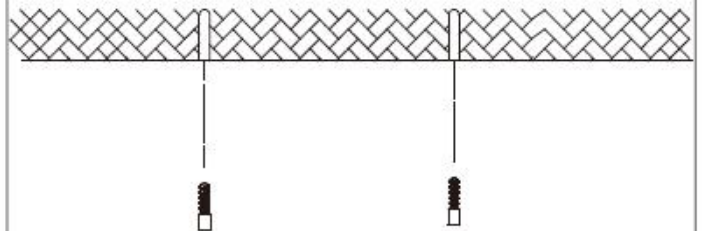


### Surface Mounted

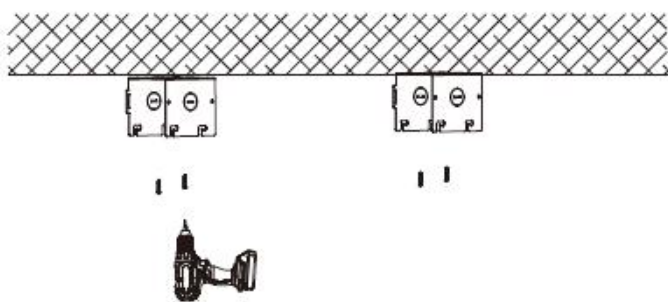
1. Drill the alignment holes on the top ceiling, make them match to the holes on mounting bracket.



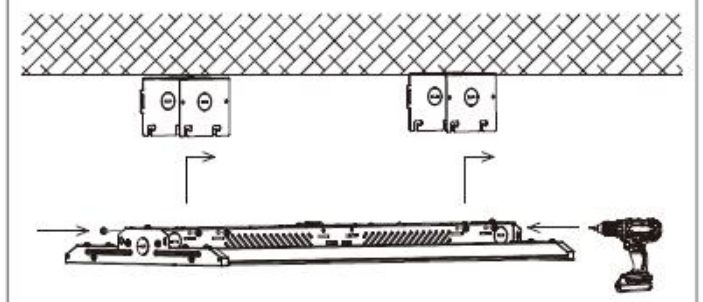
2. Screw the anchors to holes on ceiling respectively



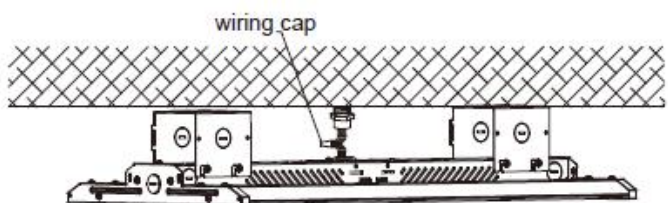
3. Screw the bracket to the ceiling



4. Attach the lamp to the hook fitting.

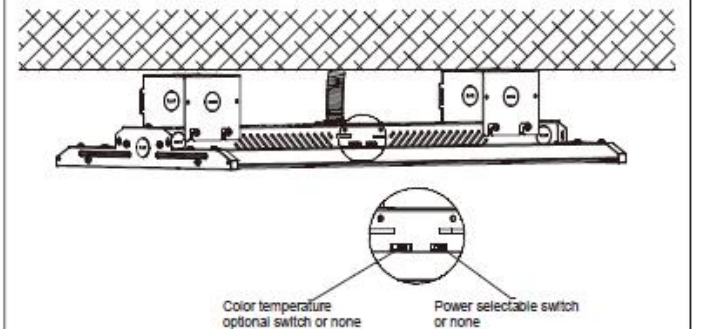


5. Find the wiring cap from the accessory package and wire it according to the following diagram.



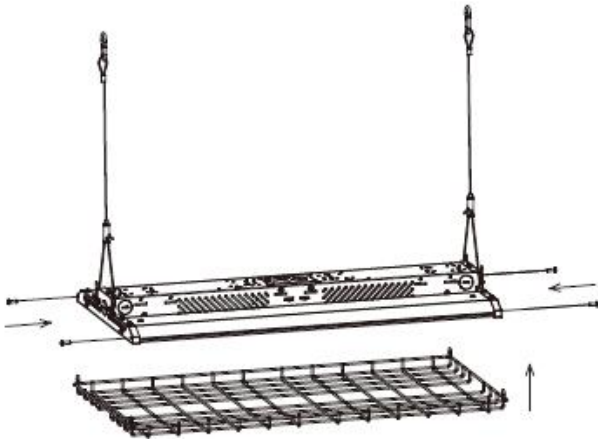
|      |               |   |   |             |
|------|---------------|---|---|-------------|
| LAMP | Drive Black L | — | — | AC L        |
|      | White N       | — | — | AC N        |
|      | Green GND     | — | — | Green GND   |
|      | Purple DIM+   | — | — | Purple DIM+ |
|      | Pink DIM-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

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



### Installation of Protective NE

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



2. Installation completed

