



5 years warranty

135 LM/W

# LED Linear High bay V

Product Catalog

Sensor Motion/PIR sensor

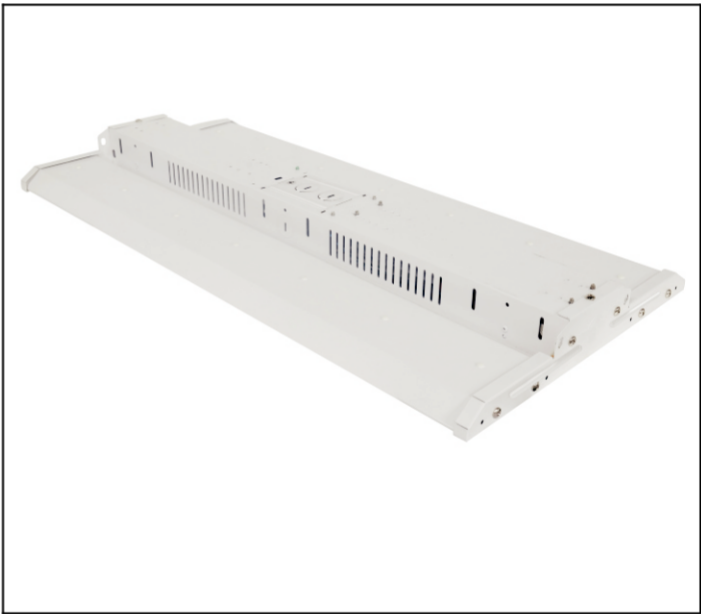


Growth stems from innovation, development depends on quality

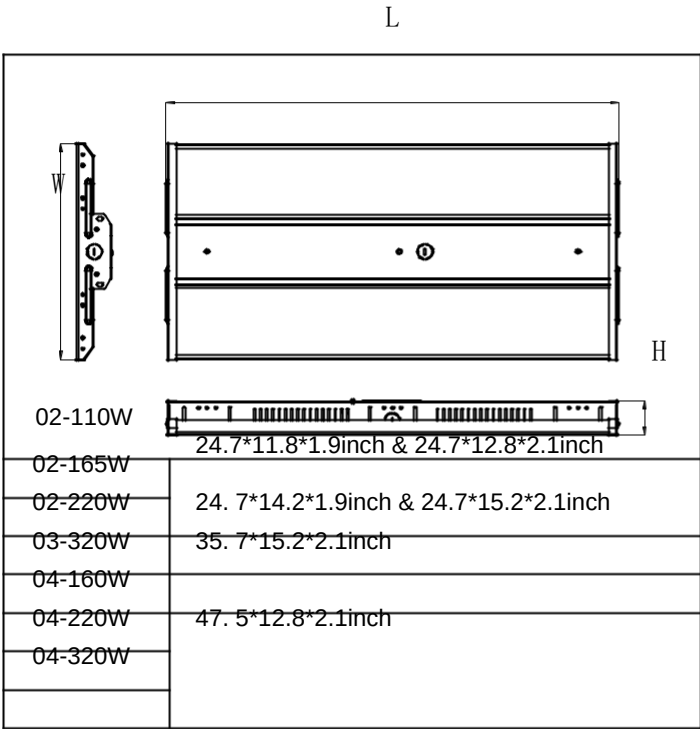
# Product Description

Material: Metal

Dimmer brand:Leviton—IP710-LFZ  
Lutron—NTSTV  
Super Bright SMD2835 LEDs, LM80 rated  
Ra>80 IP Rating:IP40, Operating temperature:  
-20°C to 50°C  
Lumen output:135lm/w  
PF>0.9, THD≤20 %  
AC120-277V&AC120-347V&AC277-480V  
Strobe less than 30%, in line with T-24  
5-7 days fast delivery once confirmed  
UL cUL certification is pending.  
5 years warranty  
UL(E508912)



# Dimensions



# Accessories (optional)

| Emergency LED Driver                                                                 | Microwave sensor                                                                      | Infrared sensor                                                                       |
|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| LED Driver                                                                           |                                                                                       |                                                                                       |
|  |                                                                                       |                                                                                       |



## Compared with Other Flat Linear High Bay

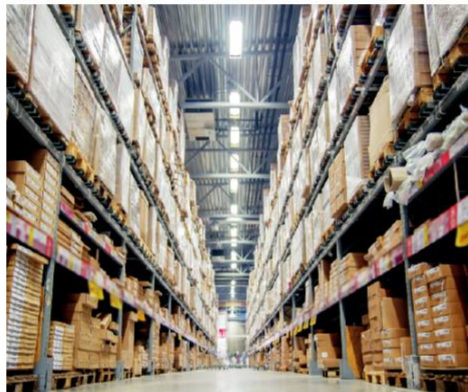
02



## Applications



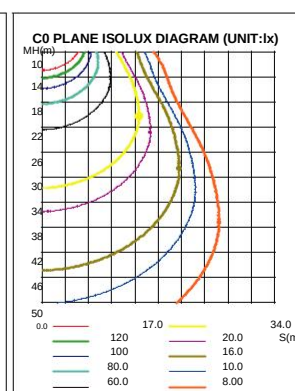
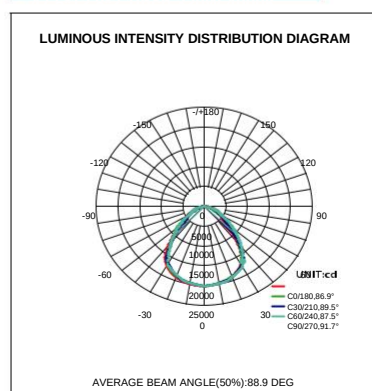
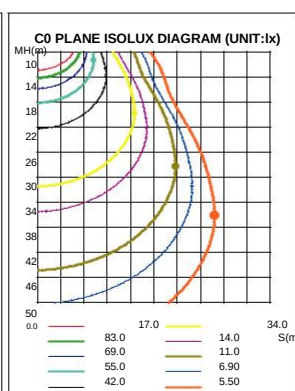
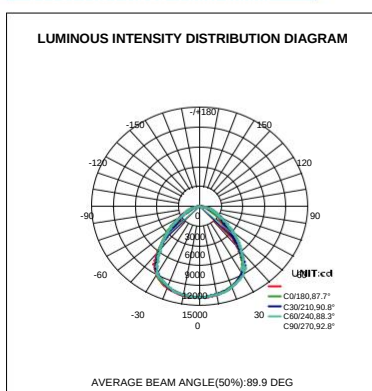
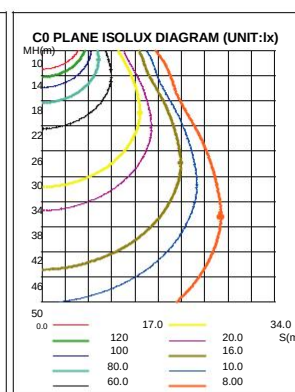
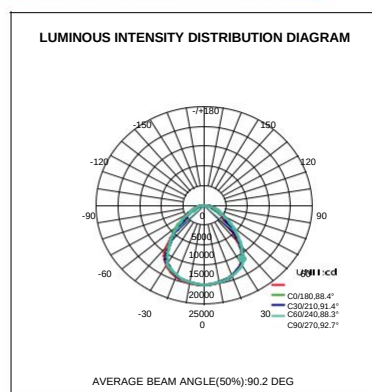
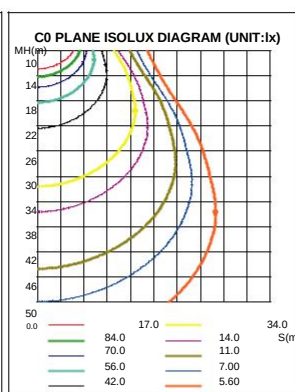
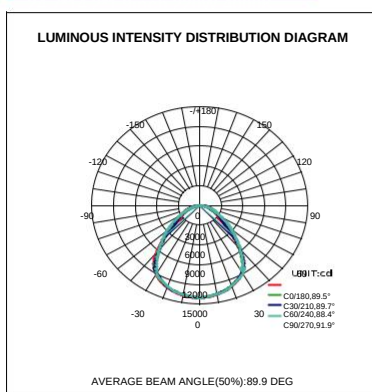
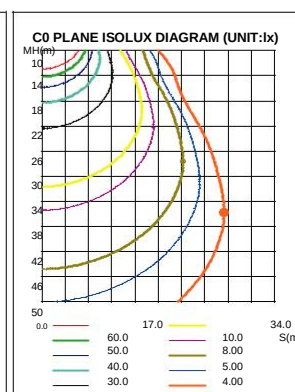
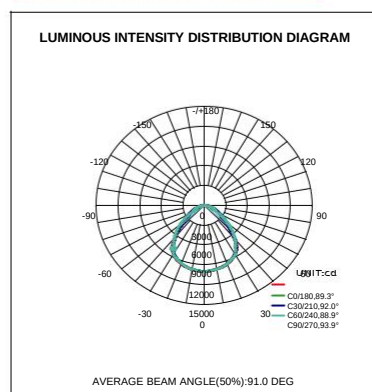
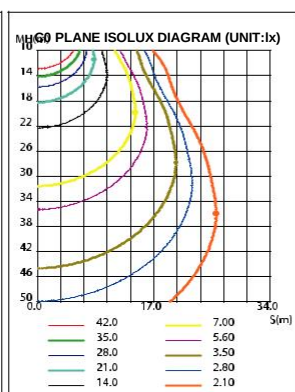
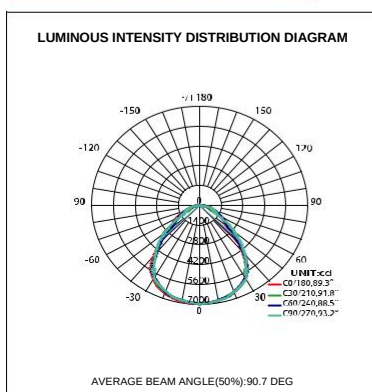
workshop



warehouse



Indoor parking



## Ordering information

### Regular Series

| FLS01-110UCC[L,M]-02DDD01 | 110 |                                |         |      | 24.7*11.8*1.9 | 7.4  |
|---------------------------|-----|--------------------------------|---------|------|---------------|------|
| FLS01-165UCC[L,M]-02DDD01 | 165 | AC120-277V<br>or<br>AC120-347V | 135LM/W | 3000 | 24.7*14.2*1.9 | 8.6  |
| FLS01-220UCC[L,M]-02DDD01 | 220 |                                |         | 3500 |               |      |
| FLS01-320UCC[L,M]-03DDD01 | 320 |                                |         | 4000 | 35.7*15.2*2.1 | 13.2 |
| FLS01-160UCC[L,M]-04DDD01 | 160 |                                |         | 5000 | 47.5*12.8*2.1 | 14.8 |
| FLS01-220UCC[L,M]-04DDD01 | 220 |                                |         | 5700 |               | 15.9 |
| FLS01-320UCC[L,M]-04DDD01 | 320 |                                |         |      |               |      |

|                                          |                                  |     |                                    |
|------------------------------------------|----------------------------------|-----|------------------------------------|
| DDM                                      | Dimming function                 | DDE | Dimming+Emergency function         |
| DDS                                      | Dimming+Sensing function         | DSE | Dimming+Sensing+Emergency function |
| L/M                                      | L: AC120-277V      M: AC120-347V |     |                                    |
| CC=3000K / 3500K / 4000K / 5000K / 5700K |                                  |     |                                    |

| FLS01-110UCCH-02DDD01 | 110 |            |         |      | 24.7*12.8*2.1 | 7.6  |
|-----------------------|-----|------------|---------|------|---------------|------|
| FLS01-165UCCH-02DDD01 | 165 | AC277-480V | 135LM/W | 3000 | 24.7*15.2*2.1 | 8.6  |
| FLS01-220UCCH-02DDD01 | 220 |            |         | 3500 |               |      |
| FLS01-320UCCH-03DDD01 | 320 |            |         | 4000 | 35.7*15.2*2.1 | 13.2 |
| FLS01-160UCCH-04DDD01 | 160 |            |         | 5000 | 47.5*12.8*2.1 | 14.8 |
| FLS01-220UCCH-04DDD01 | 220 |            |         | 5700 |               | 15.9 |
| FLS01-320UCCH-04DDD01 | 320 |            |         |      |               |      |

| DDM                                         | Dimming function         | DDE | Dimming+Emergency function         |
|---------------------------------------------|--------------------------|-----|------------------------------------|
| DDS                                         | Dimming+Sensing function | DSE | Dimming+Sensing+Emergency function |
| H= AC277-480V                               |                          |     |                                    |
| CC=3000K / 3500K / 4000K / 5000K    / 5700K |                          |     |                                    |

## CCT Tunable Series

| FLS01-110UCC[L,M]-02DDD01 | 110 | AC120-277V<br>or<br>AC120-347V | 135LM/W | 3500<br>4000<br>5000 | 24.7*11.8*1.9 | 7.4  |
|---------------------------|-----|--------------------------------|---------|----------------------|---------------|------|
| FLS01-165UCC[L,M]-02DDD01 | 165 |                                |         |                      | 24.7*14.2*1.9 | 8.6  |
| FLS01-220UCC[L,M]-02DDD01 | 220 |                                |         |                      |               |      |
| FLS01-320UCC[L,M]-03DDD01 | 320 |                                |         |                      | 35.7*15.2*2.1 | 13.2 |
| FLS01-160UCC[L,M]-04DDD01 | 160 |                                |         |                      | 47.5*12.8*2.1 | 14.8 |
| FLS01-220UCC[L,M]-04DDD01 | 220 |                                |         |                      |               | 15.9 |
| FLS01-320UCC[L,M]-04DDD01 | 320 |                                |         |                      |               |      |

|                              |                                      |     |                                                |
|------------------------------|--------------------------------------|-----|------------------------------------------------|
|                              |                                      |     |                                                |
| CDM                          | CCT Tunable+Dimming function         | CDE | CCT Tunable+Dimming+Emergency function         |
| CDS                          | CCT Tunable+Dimming+Sensing function | CSE | CCT Tunable+Dimming+Sensing+Emergency function |
| L/M                          | L: AC120-277V      M: AC120-347V     |     |                                                |
| CC=3500K    4000K      5000K |                                      |     |                                                |

| FLS01-110UCCH-02DDD01 | 110 | AC277-480V | 135LM/W | 3500<br>4000<br>5000 | 24.7*12.8*2.1 | 7.6  |
|-----------------------|-----|------------|---------|----------------------|---------------|------|
| FLS01-165UCCH-02DDD01 | 165 |            |         |                      | 24.7*15.2*2.1 | 8.6  |
| FLS01-220UCCH-02DDD01 | 220 |            |         |                      |               |      |
| FLS01-320UCCH-03DDD01 | 320 |            |         |                      | 35.7*15.2*2.1 | 13.2 |
| FLS01-160UCCH-04DDD01 | 160 |            |         |                      | 47.5*12.8*2.1 | 14.8 |
| FLS01-220UCCH-04DDD01 | 220 |            |         |                      |               | 15.9 |
| FLS01-320UCCH-04DDD01 | 320 |            |         |                      |               |      |

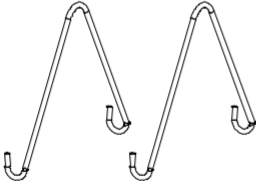
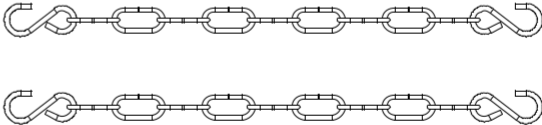
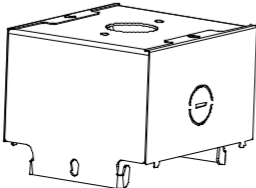
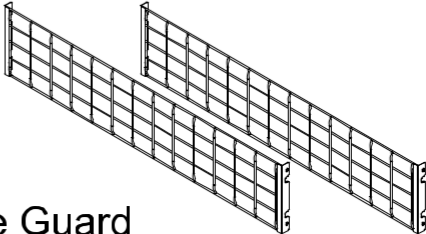
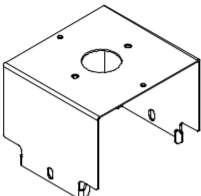
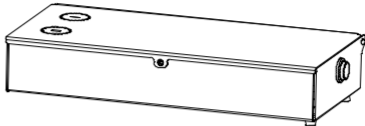
| CDM                        | CCT Tunable+Dimming function         | CDE | CCT Tunable+Dimming+Emergency function         |
|----------------------------|--------------------------------------|-----|------------------------------------------------|
| CDS                        | CCT Tunable+Dimming+Sensing function | CSE | CCT Tunable+Dimming+Sensing+Emergency function |
| H= AC277-480V              |                                      |     |                                                |
| CC=3500K    4000K    5000K |                                      |     |                                                |

|                     |     |      |               |   |      |         |          |          |
|---------------------|-----|------|---------------|---|------|---------|----------|----------|
|                     |     |      |               |   |      |         |          |          |
| 110UCC[L,M]-02DDD01 | 110 | 7.4  | 28.3*14.2*7.3 | 2 | 16.9 | 840 PCS | 1680 PCS | 2040 PCS |
| 165UCC[L,M]-02DDD01 | 165 | 7.4  | 28.3*14.2*7.3 | 2 | 16.9 | 840 PCS | 1680 PCS | 2040 PCS |
| 220UCC[L,M]-02DDD01 | 220 | 8.6  | 28.3*16.5*7.3 | 2 | 19.6 | 640 PCS | 1280 PCS | 1560 PCS |
| 320UCC[L,M]-03DDD01 | 320 | 13.2 | 39.2*17.5*4.9 | 1 | 17.4 | 680 PCS | 1360 PCS | 1600 PCS |
| 160UCC[L,M]-04DDD01 | 160 | 14.8 | 51.0*15.2*5.1 | 1 | 15.3 | 700 PCS | 1440 PCS | 1680 PCS |
| 220UCC[L,M]-04DDD01 | 220 | 15.9 | 51.0*15.2*5.1 | 1 | 16.4 | 700 PCS | 1440 PCS | 1680 PCS |
| 320UCC[L,M]-04DDD01 | 320 | 15.9 | 51.0*15.2*5.1 | 1 | 16.6 | 700 PCS | 1440 PCS | 1680 PCS |

|                 |     |      |               |   |      |         |          |          |
|-----------------|-----|------|---------------|---|------|---------|----------|----------|
|                 |     |      |               |   |      |         |          |          |
| 110UCCH-02DDD01 | 110 | 7.4  | 28.3*15.2*7.9 | 2 | 17.5 | 760 PCS | 1520 PCS | 1880 PCS |
| 165UCCH-02DDD01 | 165 | 7.4  | 28.3*15.2*7.9 | 2 | 17.9 | 760 PCS | 1520 PCS | 1880 PCS |
| 220UCCH-02DDD01 | 220 | 8.6  | 28.3*17.5*7.9 | 2 | 20.6 | 640 PCS | 1280 PCS | 1440 PCS |
| 320UCCH-03DDD01 | 320 | 13.2 | 39.2*17.5*4.9 | 1 | 17.9 | 680 PCS | 1360 PCS | 1600 PCS |
| 160UCCH-04DDD01 | 160 | 14.8 | 51.0*15.2*5.1 | 1 | 16.2 | 700 PCS | 1440 PCS | 1680 PCS |
| 220UCCH-04DDD01 | 220 | 15.9 | 51.0*15.2*5.1 | 1 | 17.3 | 700 PCS | 1440 PCS | 1680 PCS |
| 320UCCH-04DDD01 | 320 | 15.9 | 51.0*15.2*5.1 | 1 | 17.5 | 700 PCS | 1440 PCS | 1680 PCS |

## ● Installation Guide

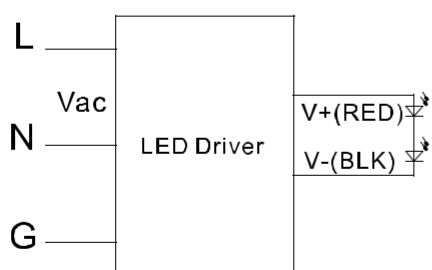
### Package Contents

| Description                                                                                                         | Quantity(set)                                                                                             |
|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| LED High Bay Fixture                                                                                                | 1                                                                                                         |
| User Manual                                                                                                         | 1                                                                                                         |
|  <p>SUSPENDING HOOK</p>            |  <p>HANGING CHAIN</p>   |
|  <p>Pendant Mounting Bracket</p>  |  <p>Wire Guard</p>     |
|  <p>Surface Mounting Bracket</p> |  <p>Emergency-Kit</p> |

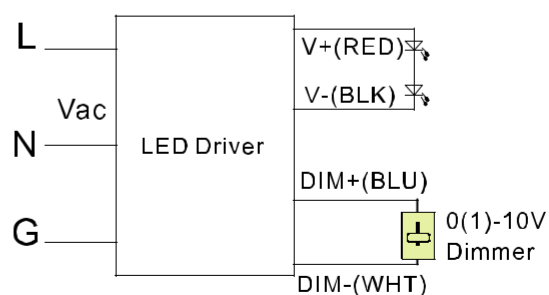
## Electrical Schematic Diagram

### Without any function,0(1)-10V Dimming wiring diagram

Without any function

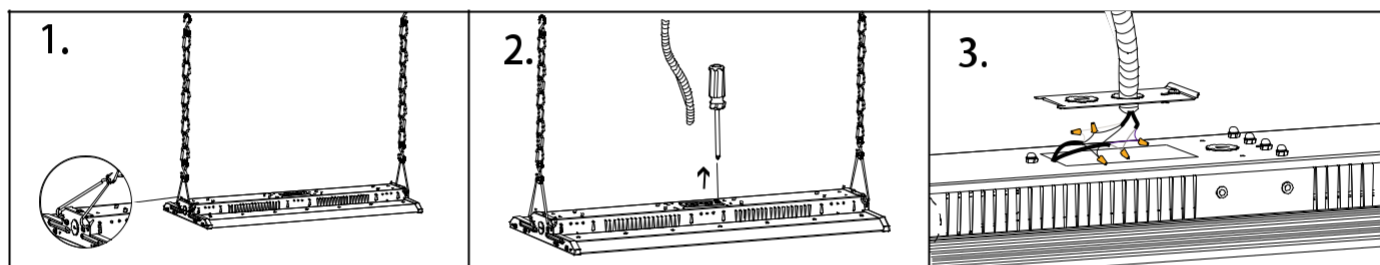


0(1)-10V Dimmer



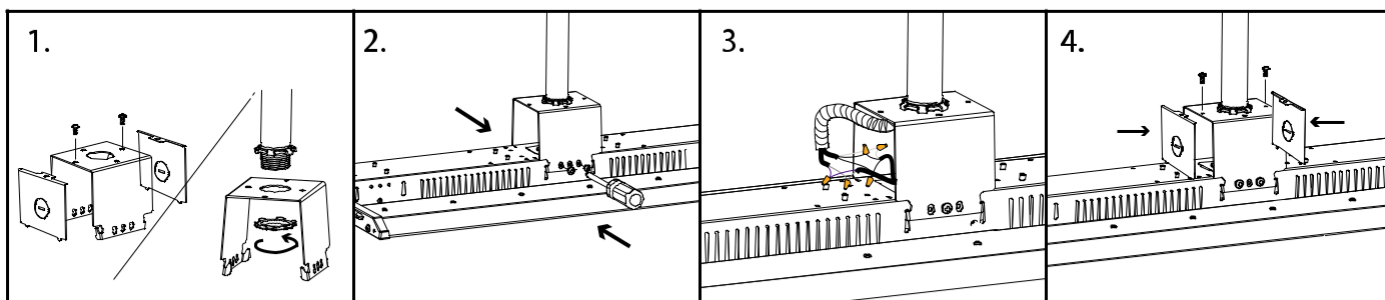


## Installation method of hanging chain



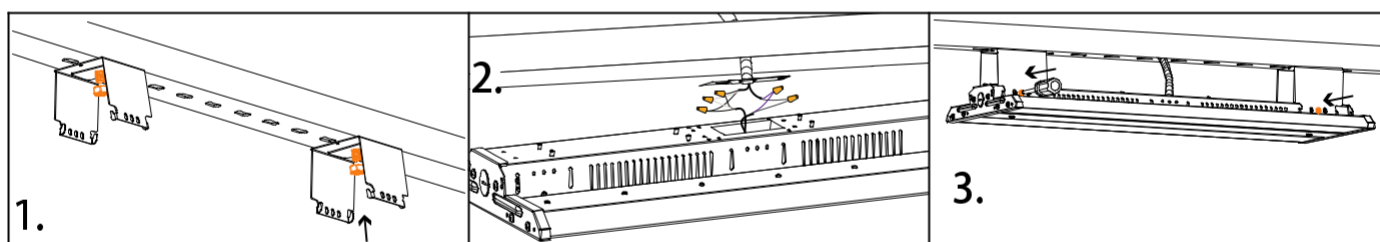
1. Take out the lamp and installation accessories. (Steel wire\*2 / hanging chain\*2)
2. First buckle the steel wire on the chain, then let the steel wire clip into the hole of the power box at the back of the lamp
3. Hanging the chain on the Suspending hook to complete the installation.

## Installation method of circular pipe



1. Take out the lamp and installation accessories.(Ceiling box / circular pipe / I-type bracket / gasket / spring / gasket / nut\*2 / screw\*3) First fix the ceiling base on the wall with screws, then screw the circular pipe on the ceiling base, and then screw the nut on the circular pipe.
2. First put the I- bracket on the circular pipe, then fixed with gasket / spring gasket and nut.
3. Stuck the lamp on the I-bracket to complete the installation.

## Installation method of ceiling mounting



- 1.Take out the lamp and installation accessories.(I-type bracket/Screw\*4)
2. Fix the i-bracket on the power supply with 4 screws.
3. Stuck the lamp on the I-bracket to complete the installation.

# **BEFORE YOU INSTALL** Read these instructions completely and carefully.

## **⚠ WARNING**

- Turn power off before inspection, installation or removal.
- Properly ground electrical enclosure.
- Follow all NEC and local codes.
- Use only UL or IEC approved wire for input/output connections.

## **Prepare Electrical Wiring**

### **Electrical Requirements**

The LED driver must be supplied with 120-277VAC & AC120-347VAC & 277-480VAC, 50/60 Hz per product label and connected to an individual properly grounded branch circuit, protected by a 15 or 20 ampere circuit breaker.

### **Grounding Instructions**

The grounding and bonding of the overall system shall be done in accordance with National Electric Code (NEC) Article 600 and local codes.

## **Announcements:**

1. This equipment is a professional installation. Non-professional personnel shall not remove or install the equipment.
2. To avoid damage, falling, electric shock or fire, please do not modify the lamp or replace accessories without confirming with the supplier.
3. Maintenance/installation and replacement the lamps, please confirm to cut off the power supply, and the lamps have set up a cooling. Please make sure the lamps have been properly installed before processing power.
4. Ensure the accurate and reliable connection.
5. Ensure that the product around the vent, the lamp cannot violate any fire.