

LINEAR HIGH BAY

MODEL: LHB-RSV



Market Leading Performance from 130LM/W to 160LM/W



5 years warranty

135 LM/W

LED Linear High Bay - RSV

— Motion Sensor /PIR sensor —



LHB APPLICATIONS




NLV Lighting Linear High Bay luminaires are designed for a wide variety of applications for use in warehouses, manufacturing, gyms, parking lots, and other industrial buildings. These fixtures are designed for 15 ft to 40 ft ceilings. The modular design has a full body construction with center driver housing made of Iron shell or Aluminum that provides durability and thermal control. All luminaires come with a diffused lens providing added protection and glare control. These fixtures are energy-efficient replacements for linear fluorescent and HID fixtures.

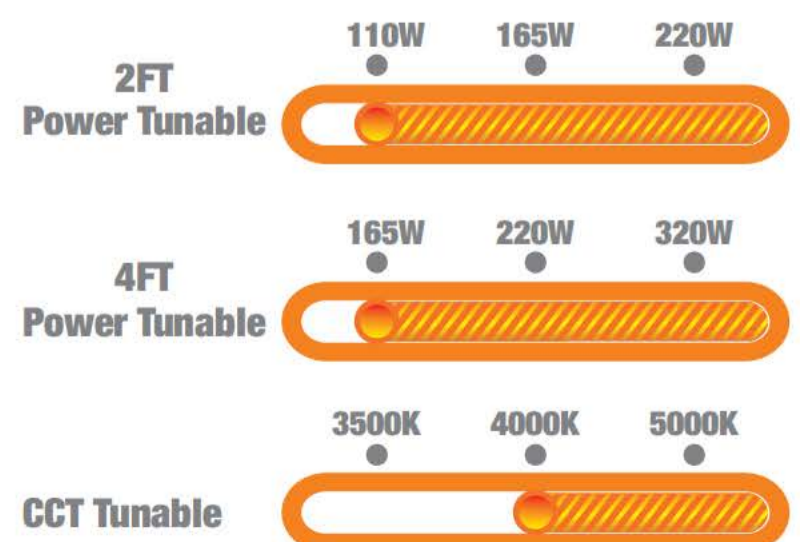
PRODUCT FEATURES

- Power Range: 110W to 320W
- Efficacy Range: 130 to 160 LM/W
- CCT tunable from 3000K-4000K-5000K
- Power Tunable from 110W to 320W
- Operating Temperature: -40°C to 50°C
- Tier-1 LED suppliers; LM80 rated at CRI >80
- 120V to 277V and 120V to 347V; 480V available as option
- PF >0.90, THD ≤ 20%
- Multiple product sizes (L x W): 1 x 1, 2 x 1, and 4 x 2.
- Emergency battery back up option
- Motion Sensing and Dimming
- Standard 5 Year warranty

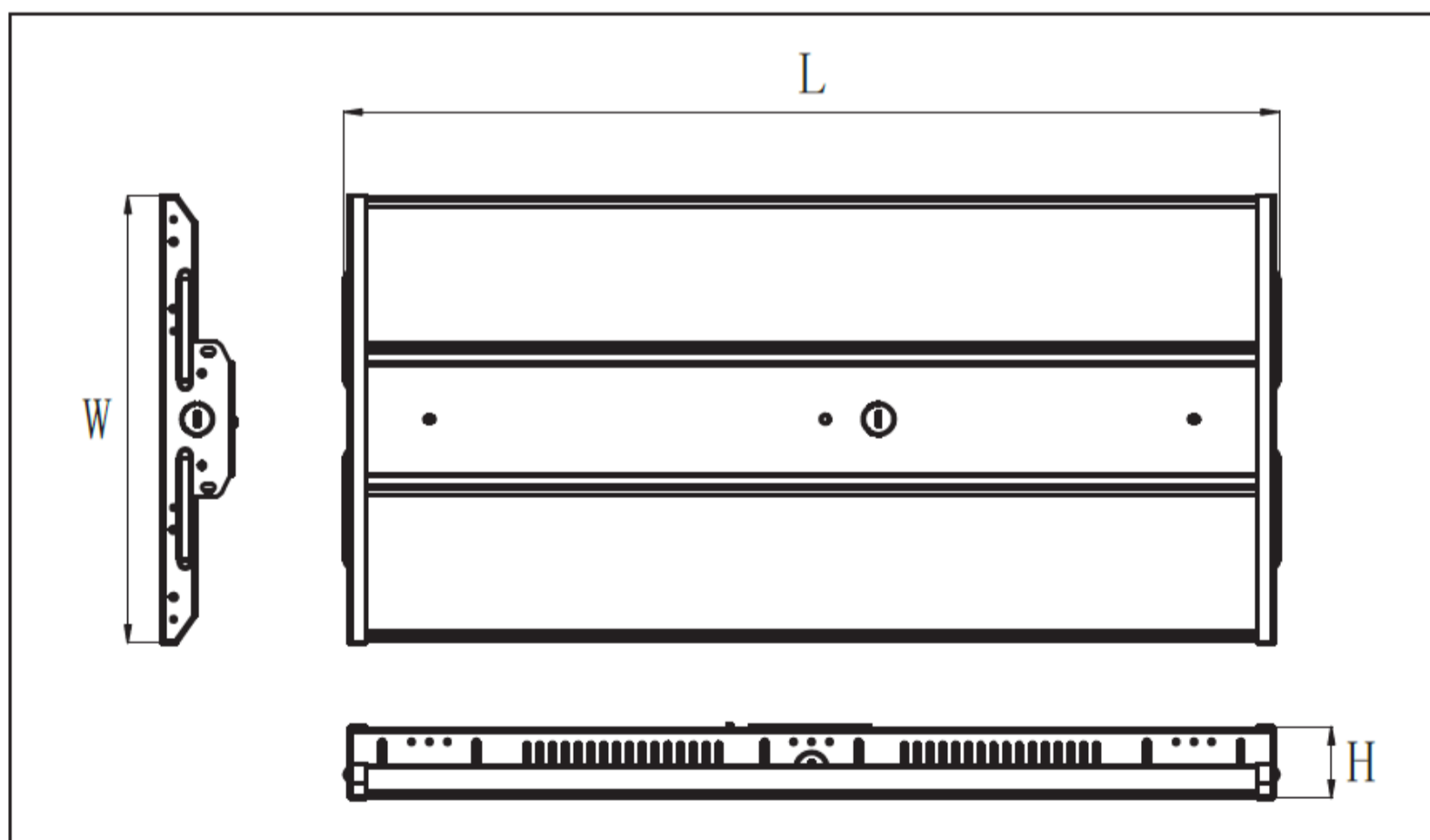
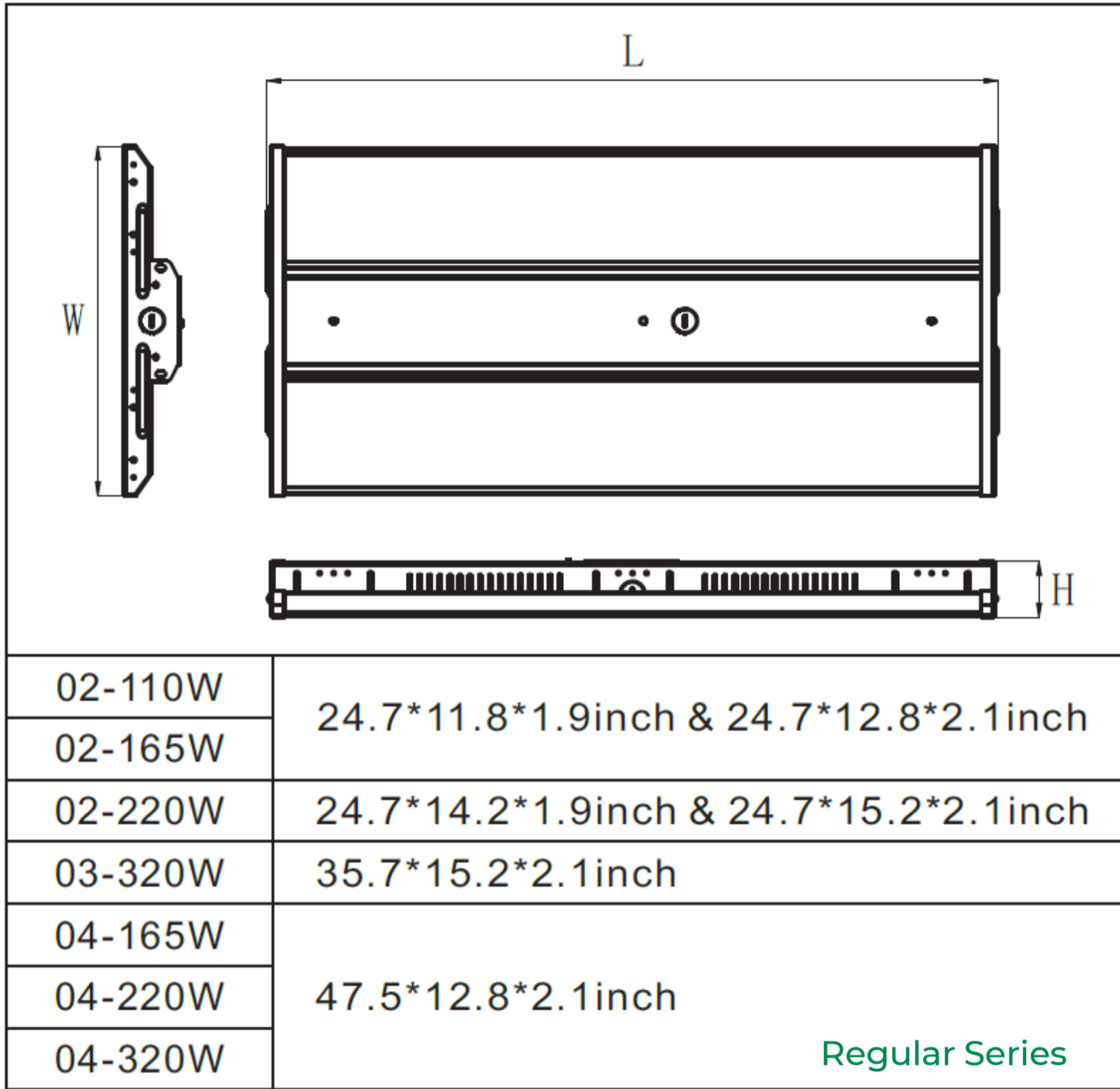
PRODUCT OPTIONS

- Standard Dimming 0-10V
- IR/MW motion sensor
- Emergency backup driver from 45-90 minutes lifetime
- CCT and Power tunability
- **CCT: 3500-4000-5000K**
- **Power: 110W-320W**

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



PHYSICAL DIMENSIONS

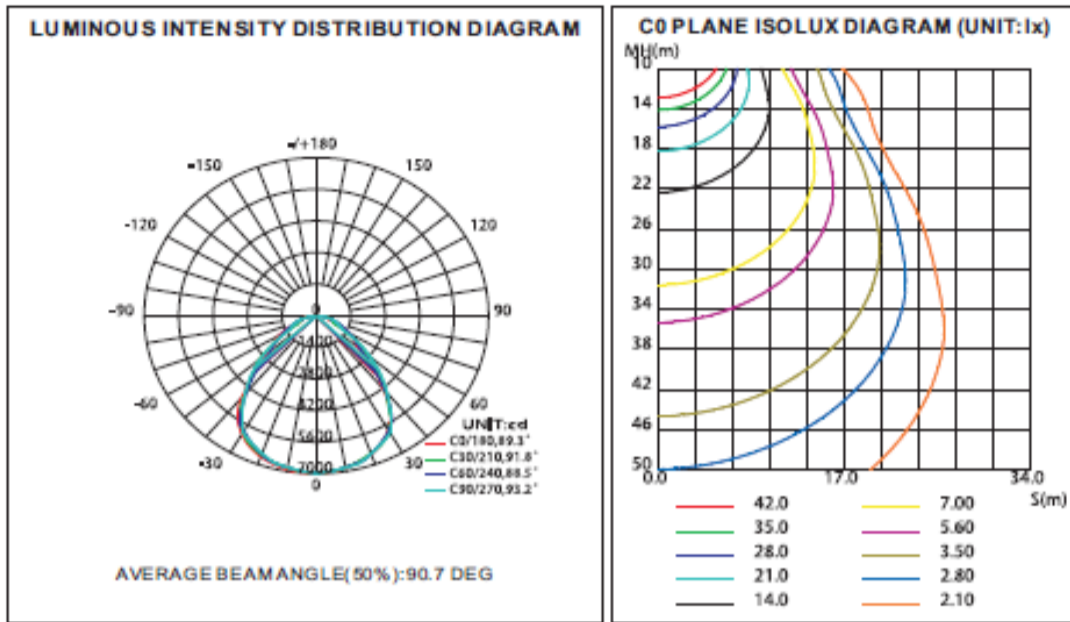


Tunable Series – Power and CCT tunability

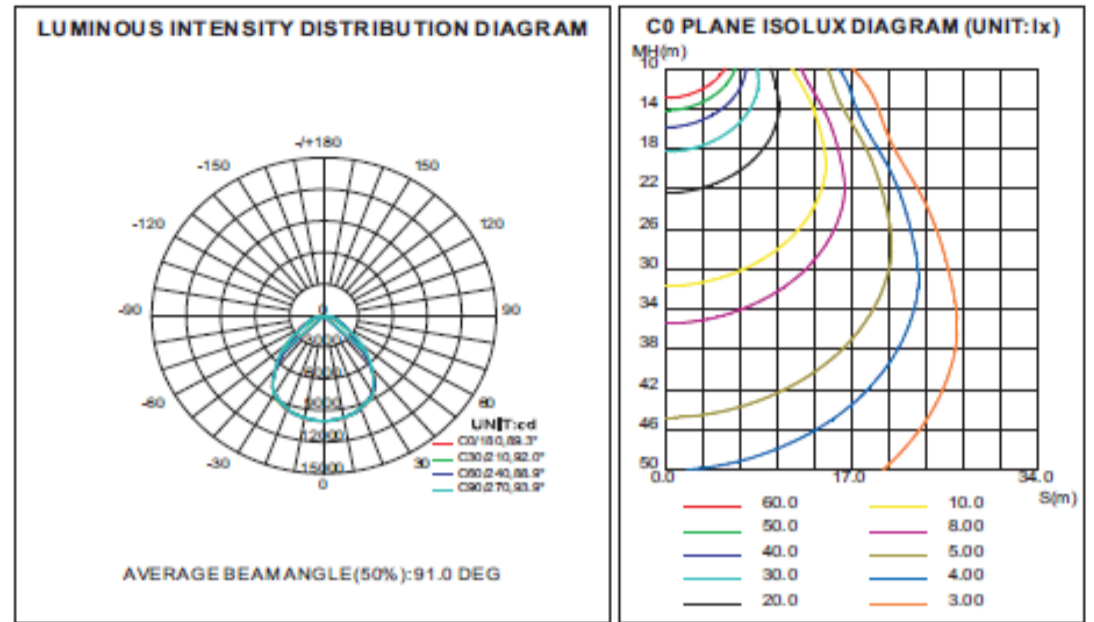
| | |
|-------------------|-------------------|
| 02-110W/165W/220W | 24.7*15.2*2.1inch |
| 04-160W/220W/320W | 47.5*12.8*2.1inch |

PHOTOMETRICS – Regular Series

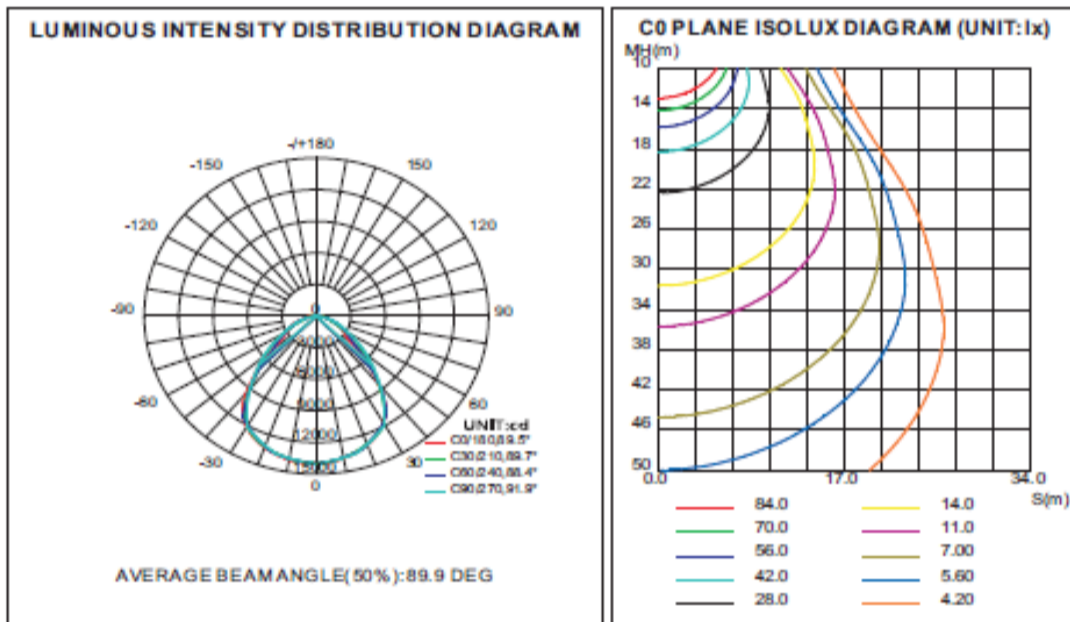
24.7*11.8*1.9inch 110W 4000K



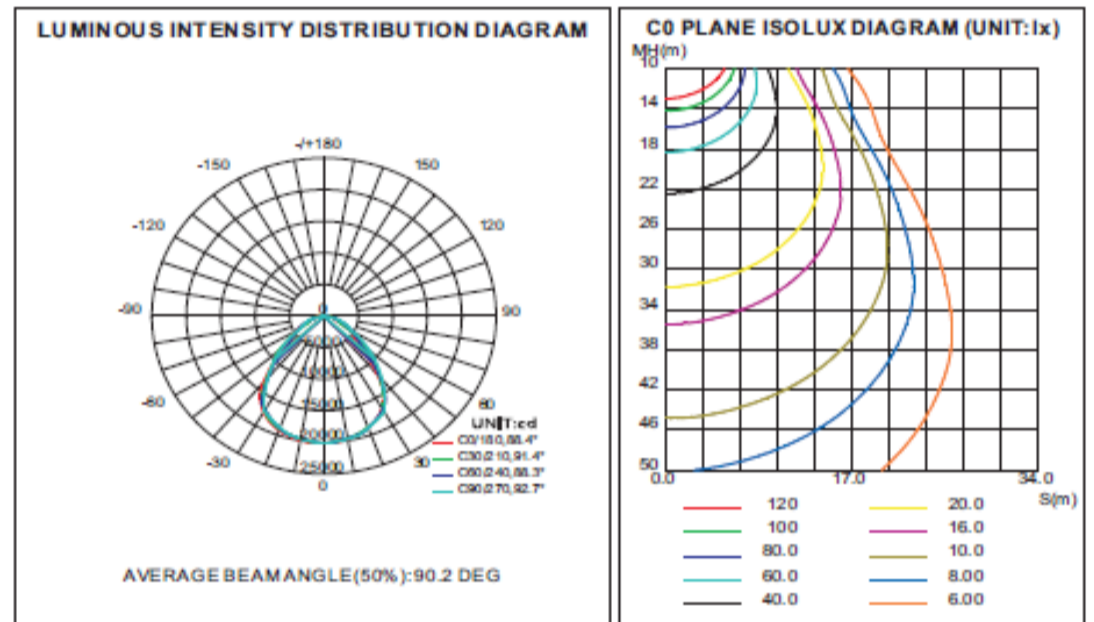
24.7*11.8*1.9inch 165W 4000K



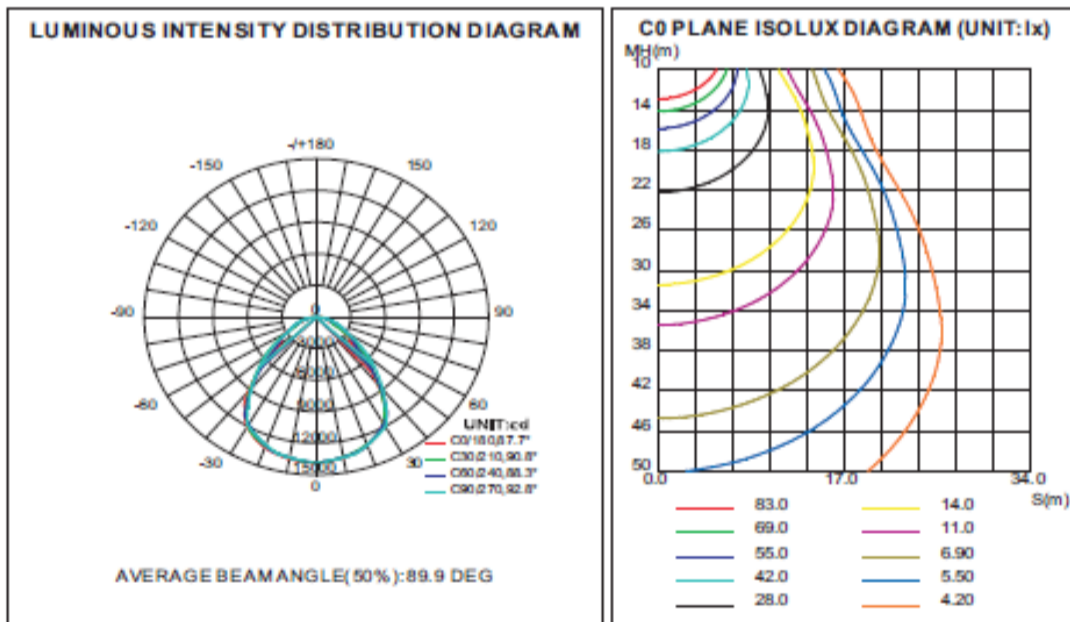
24.7*14.2*1.9inch 220W 4000K



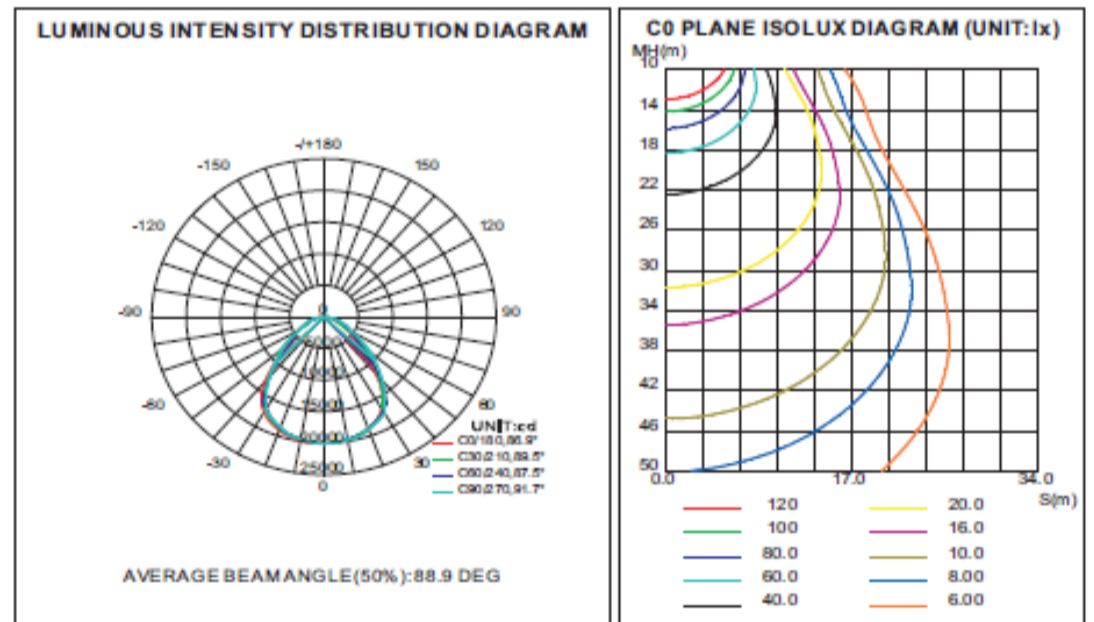
35.7*15.2*2.1inch 220W 4000K



47.5*12.8*2.1inch 220W 4000K

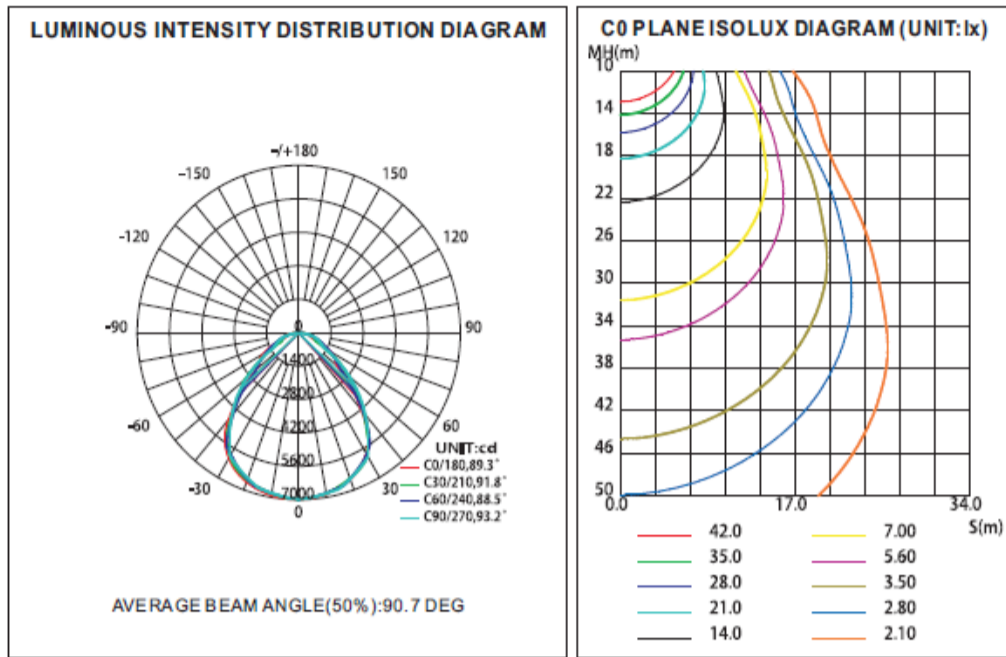


47.5*12.8*2.1inch 320W 4000K

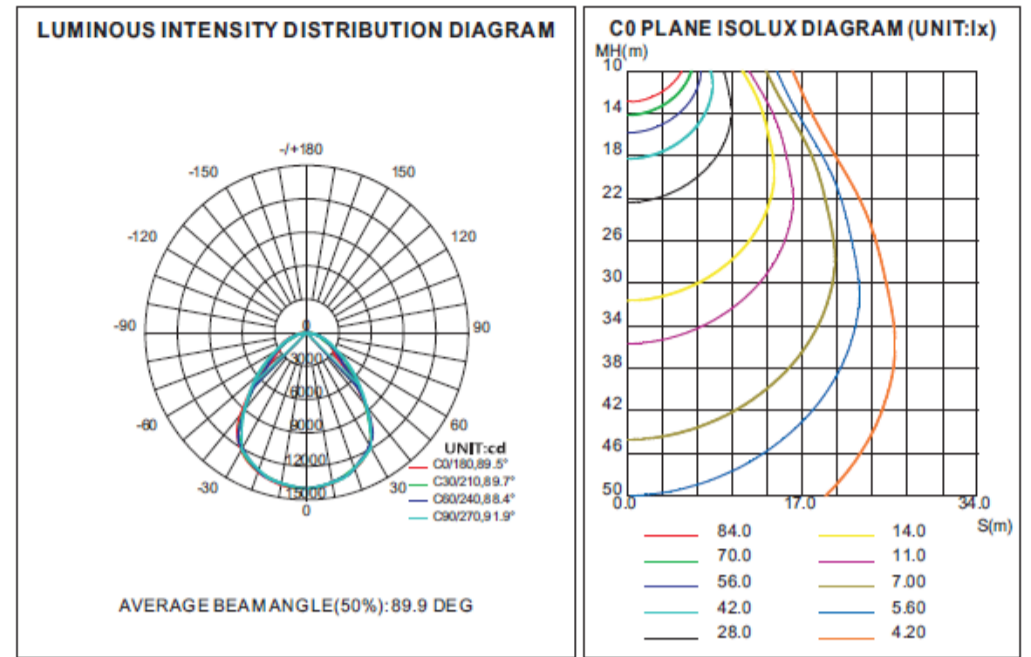


PHOTOMETRICS – Tunable Series

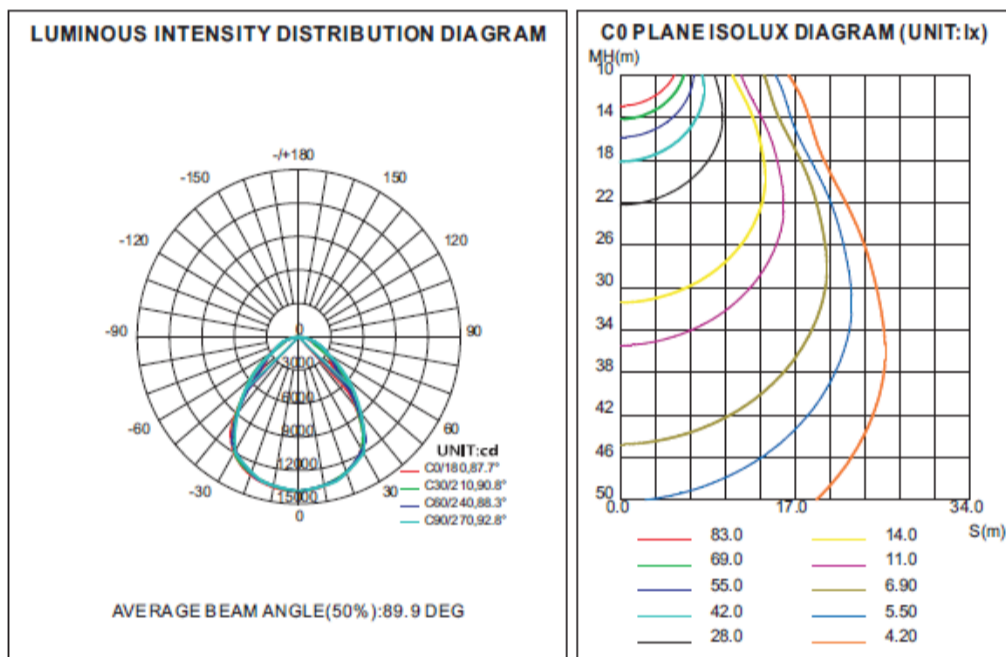
24.7*15.2*2.1inch 110W 4000K



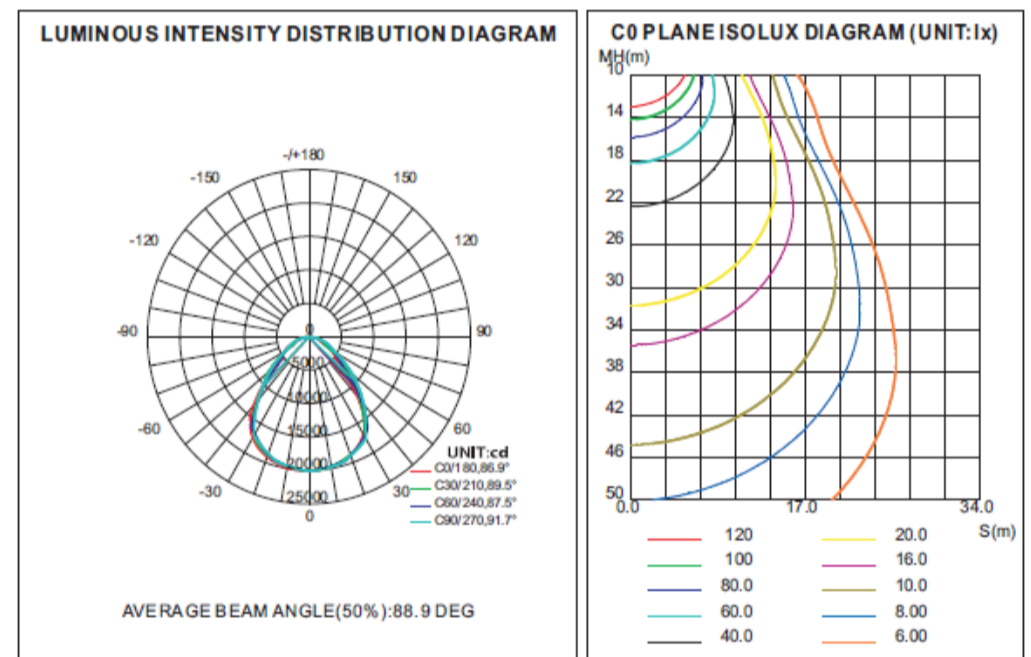
24.7*15.2*2.1inch 220W 4000K



47.5*12.8*2.1inch 220W 4000K



47.5*12.8*2.1inch 320W 4000K



ORDERING INFORMATION (REGULAR SERIES)

Example: NLV-LHB-RSV-135W-40K-347V-160LPW-2X1-DSE-WH

| Model # | Power (W) | CCT (K) | Input Voltage | LM/W | Size (in) |
|-------------------------------------|-----------|--------------------------------------|--|-------------------|-------------------------|
| NLV-LHB-RSV (Regular Series) | 110 | 3000 3500 4000 5000 5700 | 277V: AC 120-277V Or 347V: AC 120 – 347V | 130 140 160 | 2X1 - 24.7 x 11.8 x 1.9 |
| | 165 | | | | 2X1 - 24.7 x 14.2 x 1.9 |
| | 220 | | | | 3X1 - 35.7 x 15.2 x 2.1 |
| | 320 | | | | 4X1 - 47.5 x 12.8 x 2.1 |
| | 165 | | | | |
| | 220 | | | | |
| | 320 | | | | |

ORDERING INFORMATION *(High Voltage Series)*

Example: NLV-LHB-RSV-165W-50K-480V-135LPW-2X1-DSE-WH

| Model # | Power (W) | CCT (K) | Input Voltage | LM/W | Size (in) |
|--|-----------|--------------------------------------|---------------------|-------------------|-------------------------|
| NLV-LHB-RSV (High Voltage Series) | 110 | 3000 3500 4000 5000 5700 | 480V: AC 277 – 480V | 130 140 160 | 2X1 - 24.7 x 12.8 x 1.9 |
| | 165 | | | | |
| | 220 | | | | 2X1 - 24.7 x 15.2 x 1.9 |
| | 320 | | | | |
| | 165 | | | | 4X1 - 47.5 x 12.8 x 2.1 |
| | 220 | | | | |
| | 320 | | | | |

ORDERING INFORMATION *(Tunable Series)*

Example: NLV-LHB-RSV-TPSW-TCT-277V-135LPW-2X1-DSE-WH

| Model # | Power (W) | CCT (K) | Input Voltage | LM/W | Size (in) |
|---|---------------------|--------------|------------------|------------|-------------------------|
| NLV-LHB-RSV (Power and CCT Tunable Series) | TPS: 110-165-220 | 3500 | 277V: 120 – 277V | 130 | 2X1 - 24.7 x 12.8 x 1.9 |
| | TPS: 165-220-320 | 4000 5000 | | 140 160 | 4X1 - 47.5 x 12.8 x 2.1 |

Options:

DDM - Dimming function

DDS – Dimming + Sensing function

DDE – Dimming + Emergency function

DSE – Dimming + Sensing + Emergency function

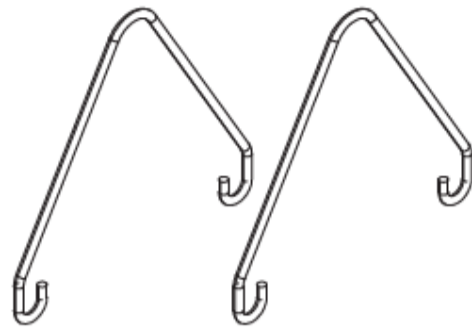
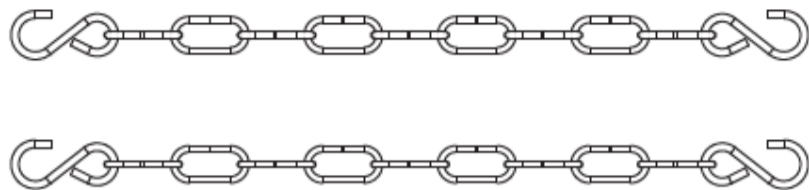
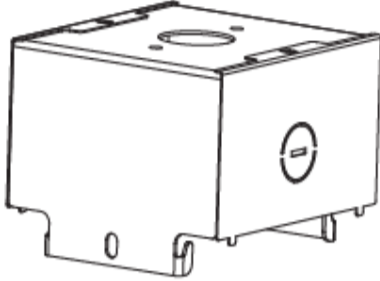
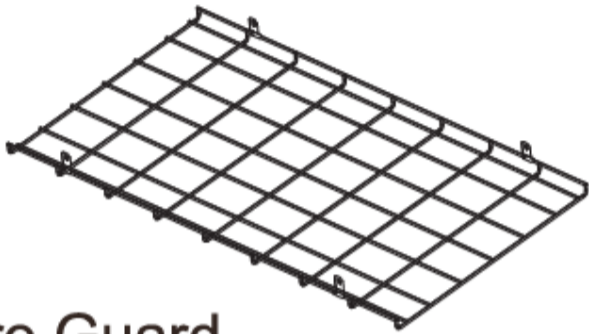
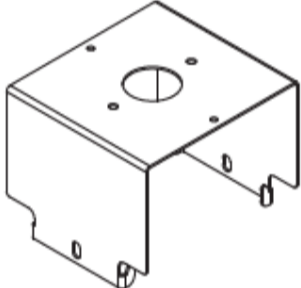
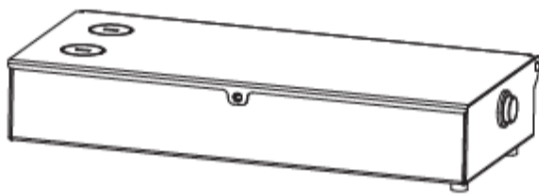
Color :

WH – White

BL – Black

CC – Custom Color

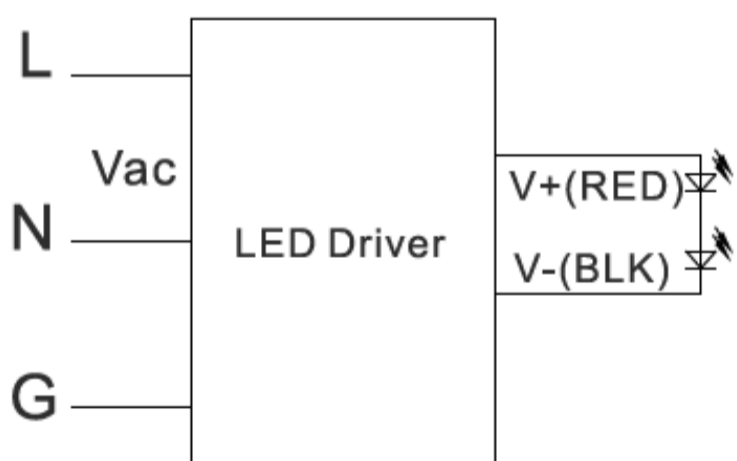
INSTALLATION ACCESSORIES

| | |
|---|--|
|  <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> |

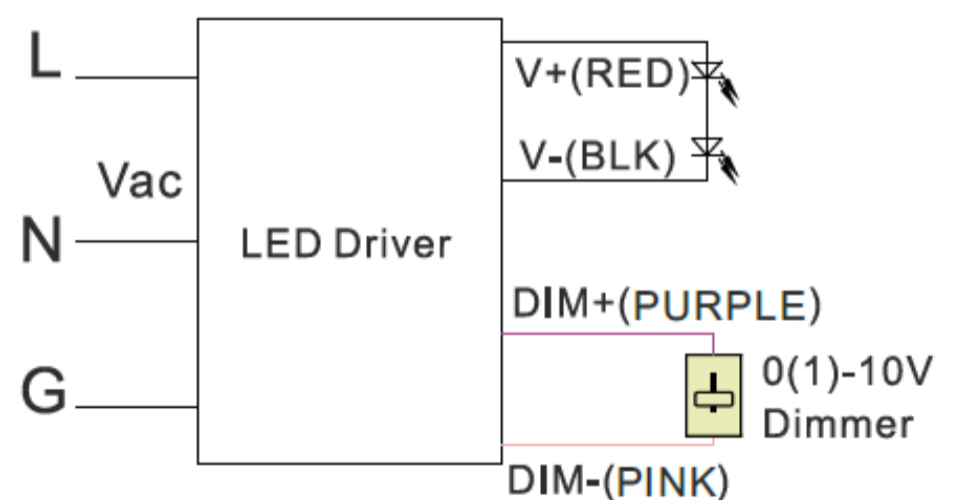
ELECTRICAL SCHEMATIC DIAGRAM

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

Without any function



0(1)-10V Dimmer

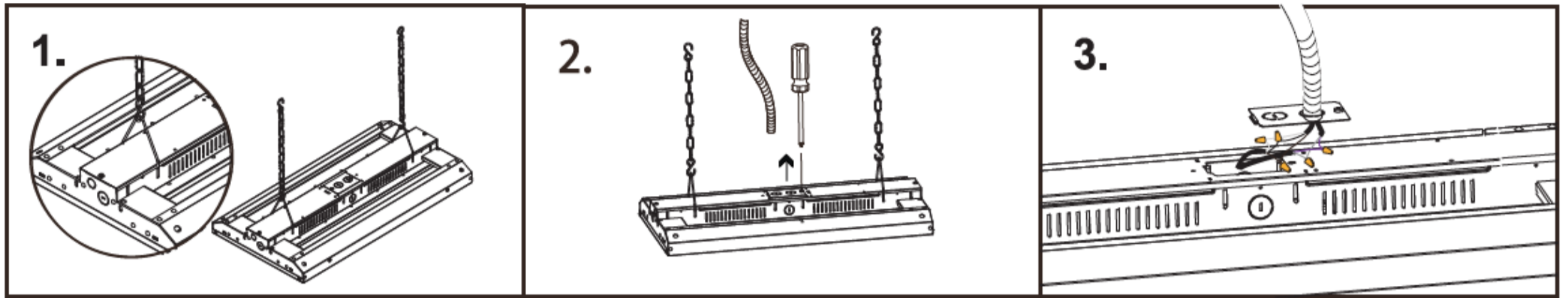


INSTALLATION - SAFETY NOTICE

The installation of these fixtures shall be done by licensed and qualified contractors only. NLV Lighting shall not held liable for any personnel or property damage.

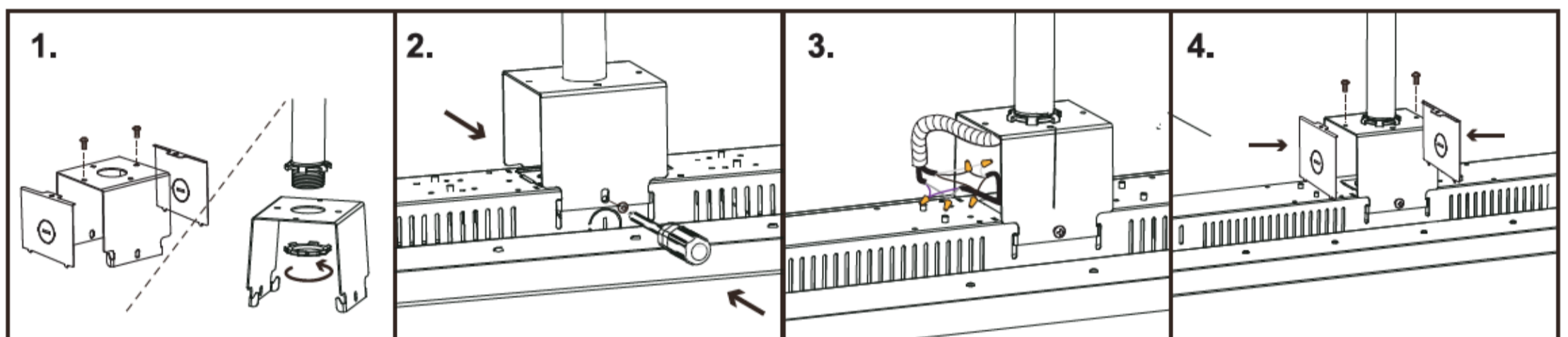
- Turn power off before inspection, installation or removal
- Properly ground all electrical enclosures
- Follow local codes and all NEC codes
- Use only UL or IEC approved Wires and other electrical accessories required
- Check the supply voltage and protect the lighting circuit by 15 -20A circuit breaker

INSTALLATION - HANGING CHAIN



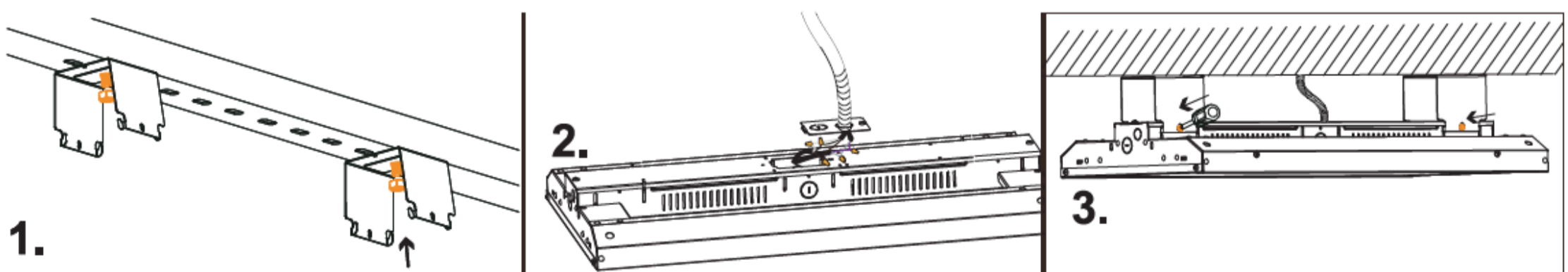
1. Take out the lamp and installation accessories. (steel wire*2 / hanging chain*2)
2. First buckle the steel wire on the chain, then let the steel wire clip into the hole of the power box at the back of the lamp
3. Hanging the chain on the suspending hook to complete the installation.

INSTALLATION - HANGING CHAIN



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.
4. Align the studs of the side plate with the slots in the housing, set up the side plates, and fix them with screws.

INSTALLATION - CEILING MOUNT



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.



Contact Info

Address: 177 Park Ave, #200, San Jose CA 95113

Email: info@nlvlighting.com

Phone number: +1-408-641-1848

www.nlvlighting.com

