



# ADRIATIC™

## LED Strip Fixtures



The Beyond LED Adriatic LED Strip Fixture the perfect option for architectural applications with size restrictions. The new integrating module to lens design makes it simpler and faster to install in commercial, industrial, retail, and residential applications. Adriatic strip fixture can serve as the illumination solution. Fixture can be utilized for general area lighting in coves, shops, show cases and storage/utility areas.

### Product Features

- Up to 130 lumens per watt
- Input Voltage 120-277V
- Beam Angle 120°
- Ambient temperatures rated for -20°C to 50°C when fixture is suspended at least 18" from ceiling
- Surface mounting bracket for easy installation
- IP20 rated
- 0-10V Dimming
- Linkable up to 8 Pcs Fixtures
- Surface mounting bracket for easy installation
- High efficacy Bridgelux 2835
- UL Listed
- 5 Years warranty

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## LED Strip Fixtures



| SKU #  | Model #                                 | Watt | Lumens | CCT   | Housing | Length | Input Voltage | Dimming | Certifications |
|--------|---|------|--------|-------|---------|--------|---------------|---------|----------------|
| 155602 | BLT-SN-V-4FT/FH/45/<br>YDM 850 (A3+B7)  | 45W  | 5850Lm | 5000K | White   | 4ft    | 120V-277V     | 0-10V   | UL             |
| 155603 | BLT-SN-V-8FT/FE/46/<br>/YDM 850 (A3+B7) | 46W  | 5980Lm | 5000K | White   | 8ft    | 120V-277V     | 0-10V   | UL             |

### SKU # 155602 Specifications

| Parameter           | Description           | Value                          |
|---------------------|-----------------------|--------------------------------|
| General Performance | Wattage               | 45W                            |
|                     | Color Temperature     | 5000K                          |
|                     | Lumens                | Up to 5850LM                   |
|                     | Lumen Efficacy        | Up to 130LM/W                  |
|                     | CRI (Ra)              | <80                            |
|                     | Beam Angle            | 120° Degree                    |
| Electrical          | Input Voltage         | 120-277V                       |
|                     | Frequency             | 50/60Hz                        |
|                     | Dimming               | 0-10V Dimming                  |
|                     | PF                    | 0.9                            |
|                     | THD                   | 9.47%                          |
|                     | Flicker Percent       | 10%                            |
|                     | Driver Brand          | Beyond LED Technology          |
|                     | Driver Model          | SIE 46-I1000-42 120-277 W D1 B |
| Physical            | Operating Temperature | -20°C to 50°C                  |
|                     | Storage Temperature   | -20°C to 80°C                  |
|                     | Storage Humidity      | 10% - 95% RH                   |
|                     | LED Brand             | Bridgelux                      |
|                     | LED Type              | 2835                           |
|                     | LEDs QTY              | 112 Pcs                        |
|                     | Housing               | Steel                          |
| Housing Color       | White                 |                                |
| Qualification       | IP Rating             | IP20                           |
|                     | Warranty              | 5 Years                        |



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SKU # 155603

### Specifications

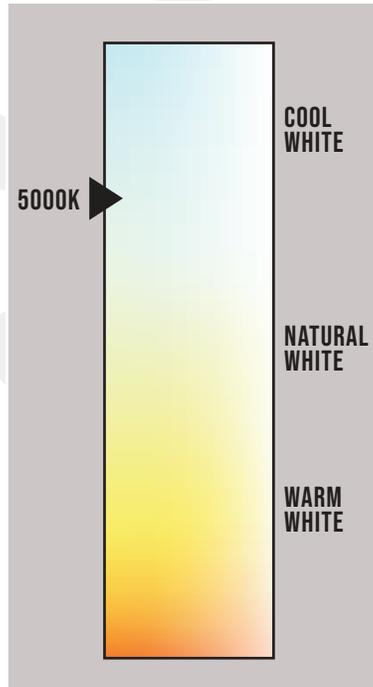
| Parameter           | Description           | Value                          |
|---------------------|-----------------------|--------------------------------|
| General Performance | Wattage               | 46W                            |
|                     | Color Temperature     | 5000K                          |
|                     | Lumens                | Up to 5980LM                   |
|                     | Lumen Efficacy        | Up to 130LM/W                  |
|                     | CRI (Ra)              | <80                            |
|                     | Beam Angle            | 120° Degree                    |
| Electrical          | Input Voltage         | 120-277V                       |
|                     | Frequency             | 50/60Hz                        |
|                     | Dimming               | 0-10V Dimming                  |
|                     | PF                    | 0.9                            |
|                     | THD                   | 9.47%                          |
|                     | Flicker Percent       | 10%                            |
|                     | Driver Brand          | Beyond LED Technology          |
|                     | Driver Model          | SIE 46-I1000-42 120-277 W D1 B |
| Physical            | Operating Temperature | -20°C to 50°C                  |
|                     | Storage Temperature   | -20°C to 80°C                  |
|                     | Storage Humidity      | 10% - 95% RH                   |
|                     | LED Brand             | Bridgelux                      |
|                     | LED Type              | 2835                           |
|                     | LEDs QTY              | 140 Pcs                        |
|                     | Housing               | Steel                          |
|                     | Housing Color         | White                          |
| Qualification       | IP Rating             | IP20                           |
|                     | Warranty              | 5 Years                        |

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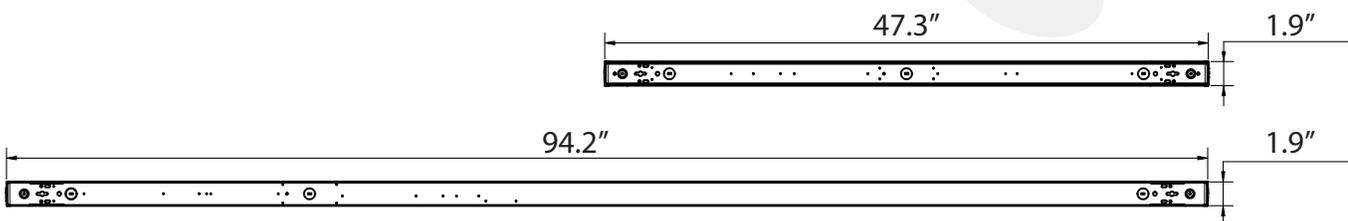
## LED Strip Fixtures



### Correlated Color Temperature (CCT)



### Dimensions





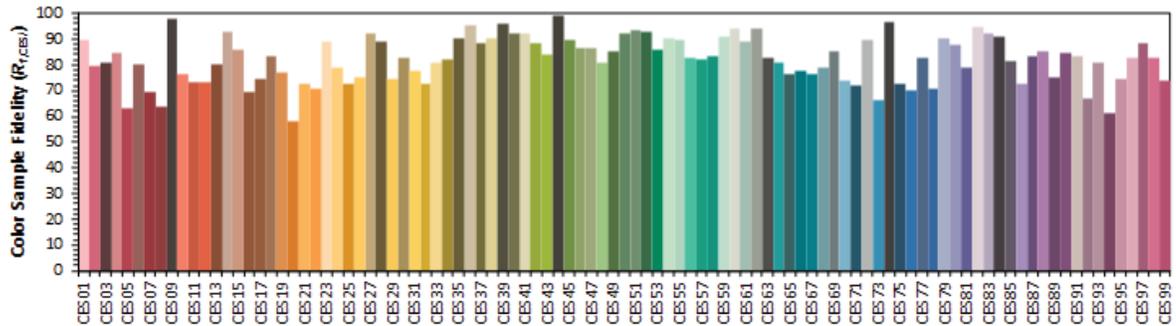
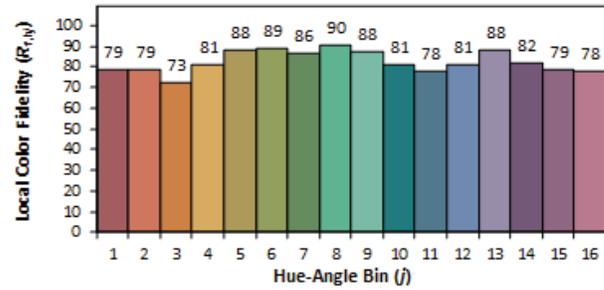
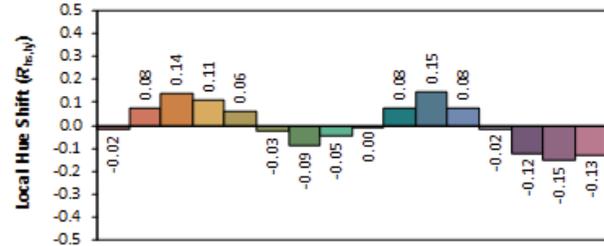
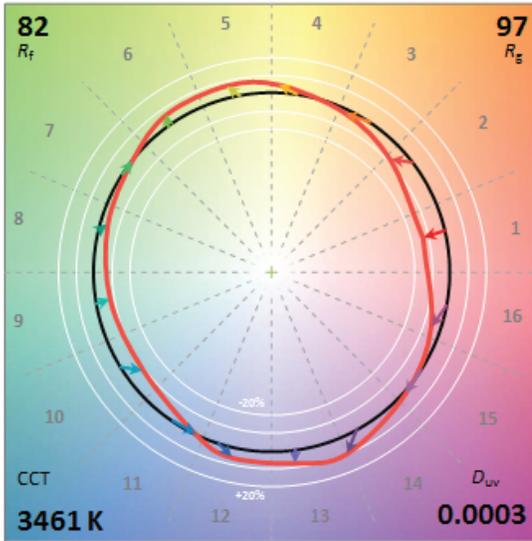
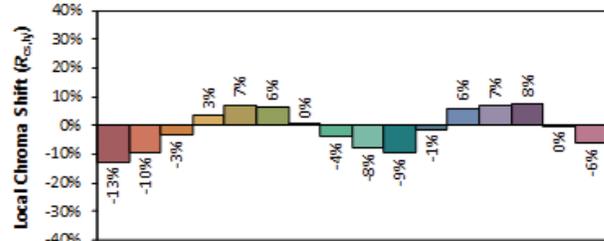
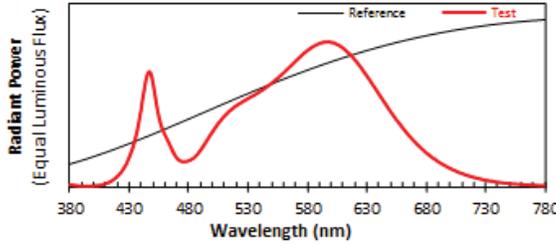
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## LED Strip Fixtures

### ANSI/IES TM-30-18 Color Rendition Report

Source: User SPD  
Date: 2022/6/17

Manufacturer: Beyond LED Technology  
Model: BTL5N-V-4FT/FH/45/YDM 835 (A3B+B7)



Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

$x$  0.4078  
 $y$  0.3925  
 $u'$  0.2366  
 $v'$  0.5124

|                     |    |
|---------------------|----|
| CIE 13.3-1995 (CRI) |    |
| $R_a$               | 80 |
| $R_g$               | -1 |

Colors are for visual orientation purposes only. Created with the ANSI/IES TM-30-18 Calculator Version 2.00.

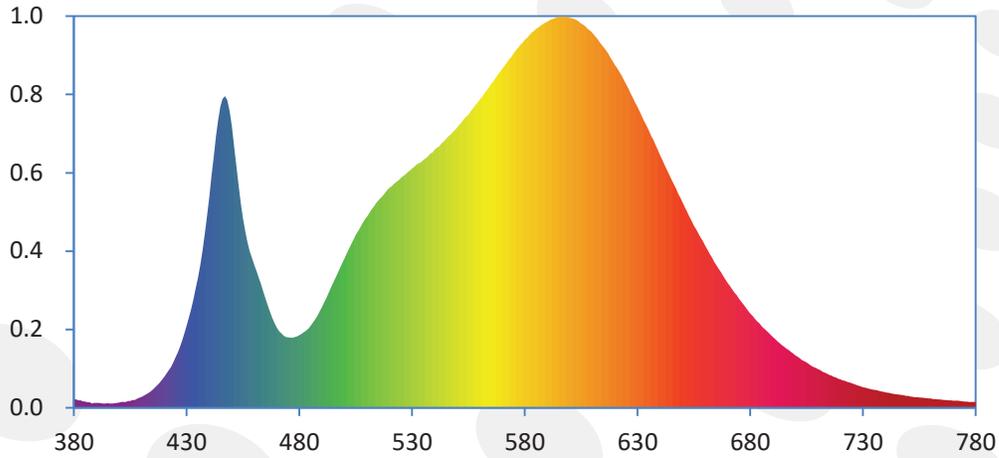
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## LED Strip Fixtures

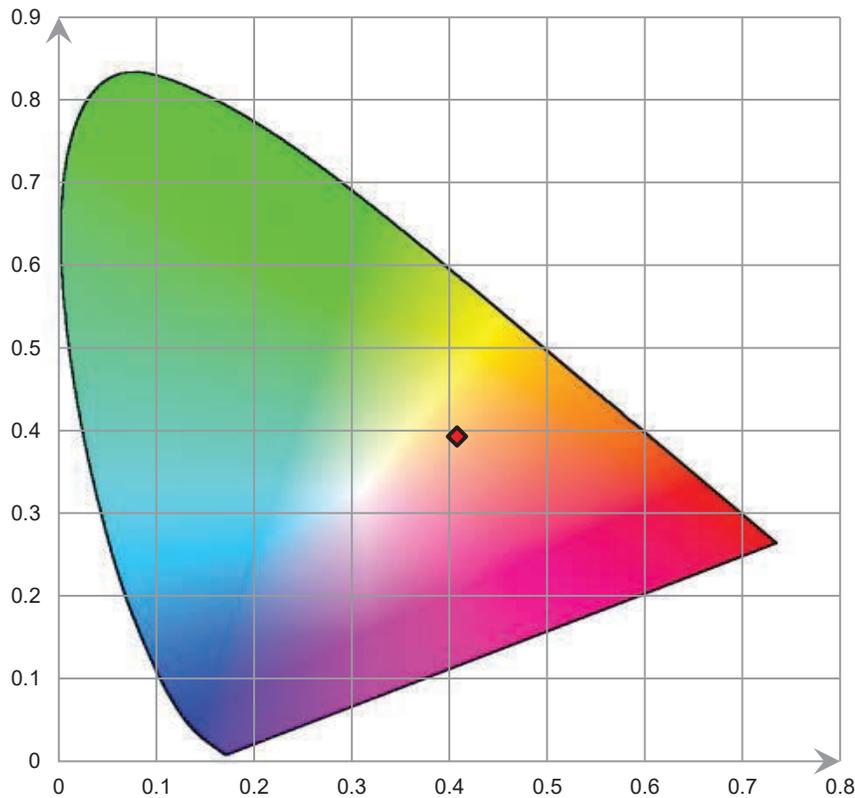


### Power Distribution

Relative Spectral Power Distribution



CIE 1931 x y Chromaticity Diagram





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## LED Strip Fixtures

### Photometric Data

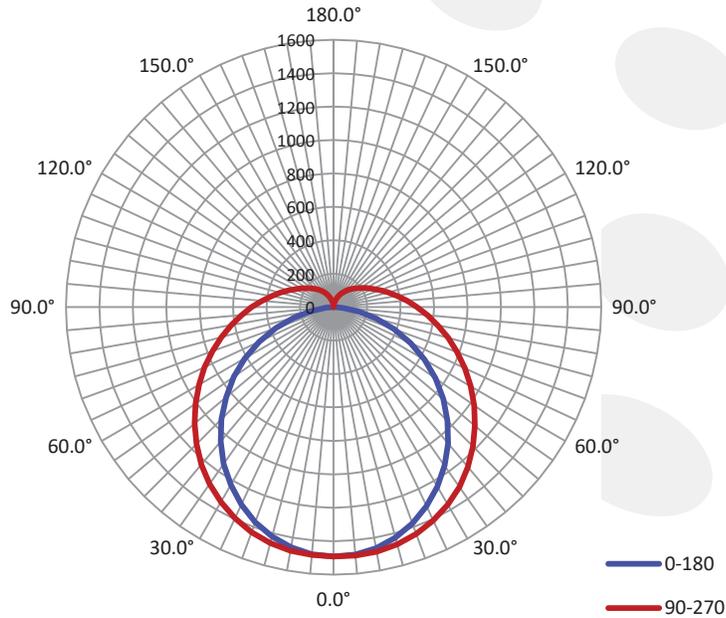
#### Electrical Measurement

| Input Voltage (V) | Frequency (Hz) | Input Current (A) | Power (W) | Power Factor |
|-------------------|----------------|-------------------|-----------|--------------|
| 120.0             | 60             | 0.396             | 47.3      | 0.996        |

#### Photometric Measurement

| Luminous Flux (lm) | Efficacy (lm/W) | I <sub>max</sub> (cd) | S/MH (C0/180) | S/MH (C90/270) |
|--------------------|-----------------|-----------------------|---------------|----------------|
| 6005.4             | 127.01          | 1493.0                | 1.23          | 1.35           |

#### Luminous Intensity Distribution



|                                      | C0/180 | C45/225 | C90/270 | C135/315 | AVG.  |
|--------------------------------------|--------|---------|---------|----------|-------|
| Beam Angle (50% I <sub>max</sub> ):  | 109.1  | 125.7   | 144.2   | 124.7    | 125.9 |
| Field Angle (10% I <sub>max</sub> ): | 159.6  | 234.0   | 272.4   | 229.1    | 223.8 |

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## LED Strip Fixtures



### Installation Instruction

#### ⚠ WARNING

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
- For the installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

#### ⚠ WARNING

- Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- All wiring connections should be capped with UL approved wire connectors.

#### ⚠ CAUTION

- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.
- Risk of burn. Disconnect power and allow fixture to cool before changing bulb or handing fixture

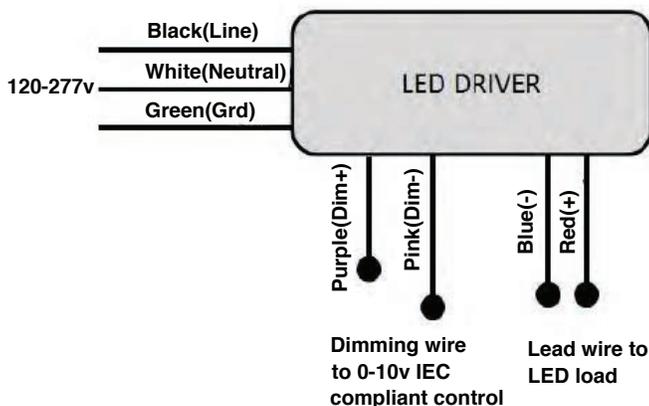
**NOTICE:** Green ground screw provided in proper location. Do not relocate.

**NOTICE:** Minimum 90° supply conductors

**NOTICE:** Specifications and dimensions subject to change without notice.

**NOTICE:** Suitable for Dry or Damp location

#### General Wiring Diagram





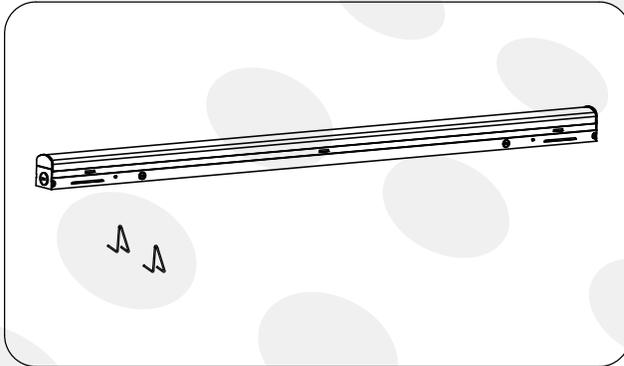
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## LED Strip Fixtures

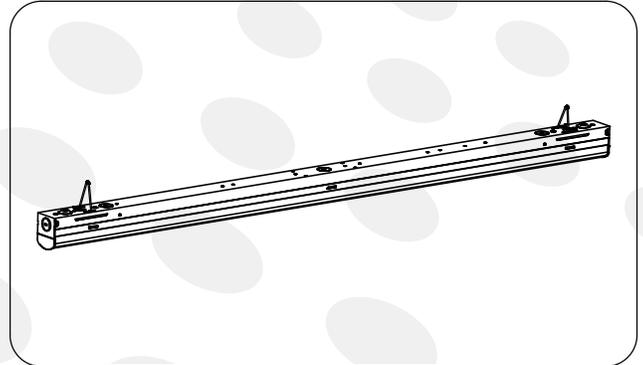
### Installation Instruction

#### A: Chain Suspended Mounting

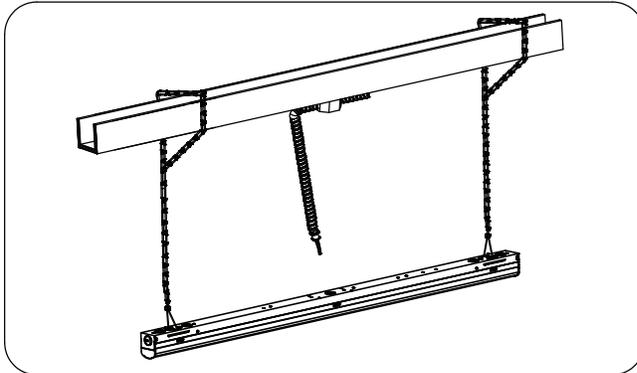
1. Take out the light fixture and accessories package from the box.



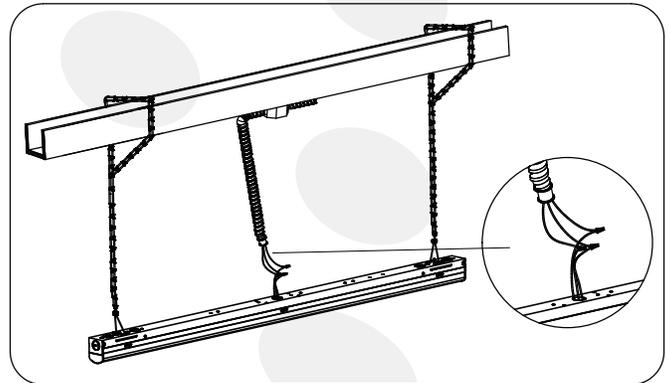
2. Connect the V-hook to the lamp.



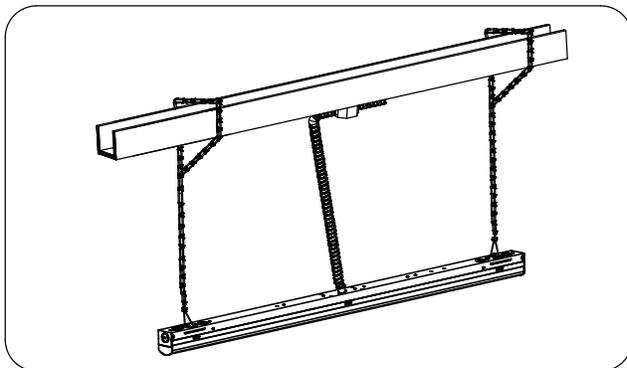
3. Attach chain to the V-hooks.



4. Connect the AC wires.



5. The installation is completed.



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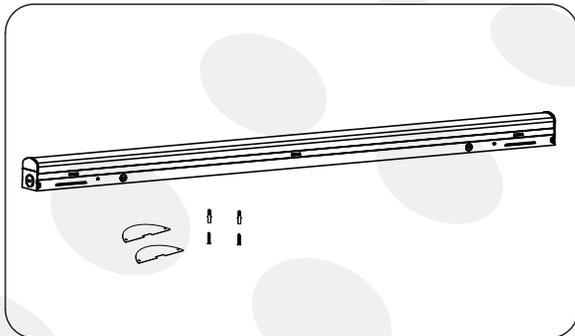
## LED Strip Fixtures



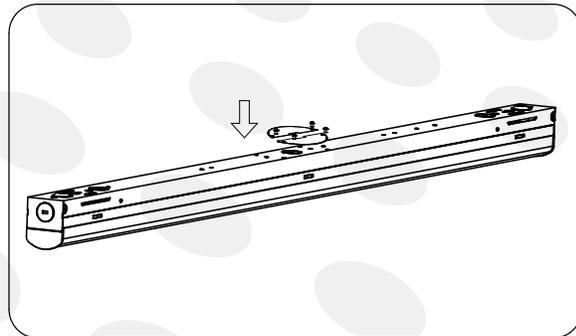
### Installation Instruction

#### Surface Mounting

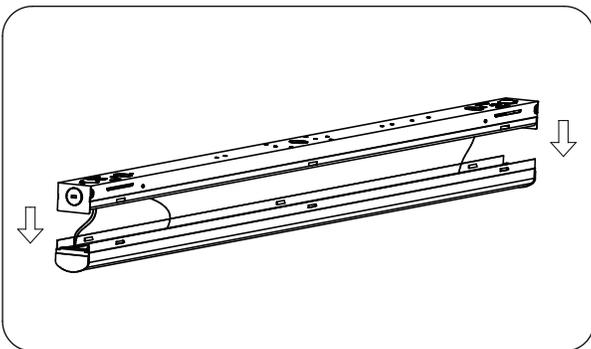
1. Take out the light fixture and accessories package from the box.



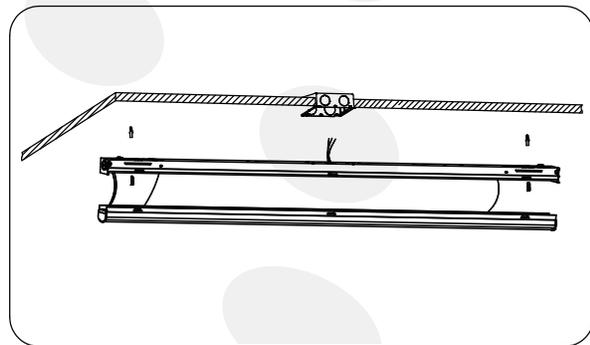
2. Fix the baffle on the lamp.



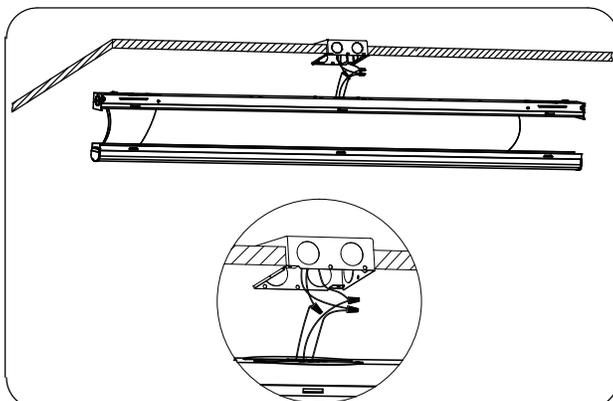
3. Open the module board down.



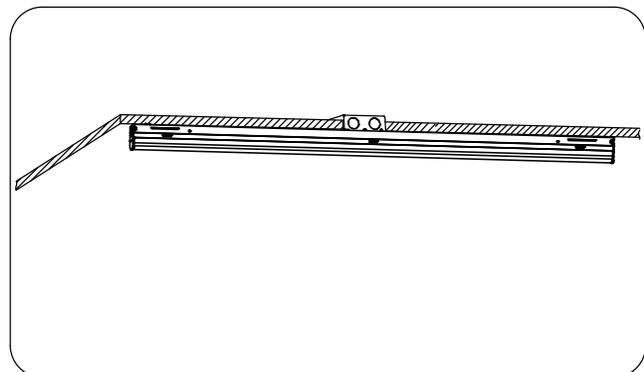
4. Fix the lamp to the ceiling with the plastic sleeve and screws provided.



5. Wire to main power through the junction box.



6. Assemble the module board upwards. The installation is completed.





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### Packaging

| SKU #. | Carton Size     | Qty / Carton | Net Weight | Gross Weight |
|--------|-----------------|--------------|------------|--------------|
| 155602 | 48.34x6.81x8.4  | 9 Pcs        |            |              |
| 155603 | 94.80x4.37x5.27 | 4 Pcs        |            |              |

### Warranty

5 Years Warranty

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LED Strip Fixtures



## Application Picture



LED STRIP FIXTURES