![NOTHING BUT LEDS logo]

# LED STRIP LIGHT

**LED STRIP LIGHT** (sidebar)



Nothing But LED's Linkable Strip Fixtures perform efficiently in conditions where low voltage, halogen, or fluorescent luminaires have traditionally been used. Our LED Linkable Strip Fixtures incorporate integral drivers, are self-supporting and can be surface mounted. Individual units can be plugged together for continuous lengths up to 20 Pcs (4') and they're CCT Adjustable and Wattage Adjustable. Our Lamps connect directly to line voltage and can be used in any interior space.

## Product Features

- Efficacy up to 135 Lumens per watt
- Wattage Adjustable 20W / 30W / 40W
- CCT Adjustable 3000K / 3500K / 4000K / 5000K
- Input Voltage 120-277Vac 50-60Hz
- 4' Linkable up to 20 Pcs
- High CRI, LumiLEDs Chips
- Operates directly from line voltage
- Optional hanging kit available

- Output constant current lever can be adjusted through output cable with 0-10V
- Surface mounting bracket for easy installation
- Iron housing with white paint finish
- Input Voltage 120-277Vac
- UL & DLC Listed
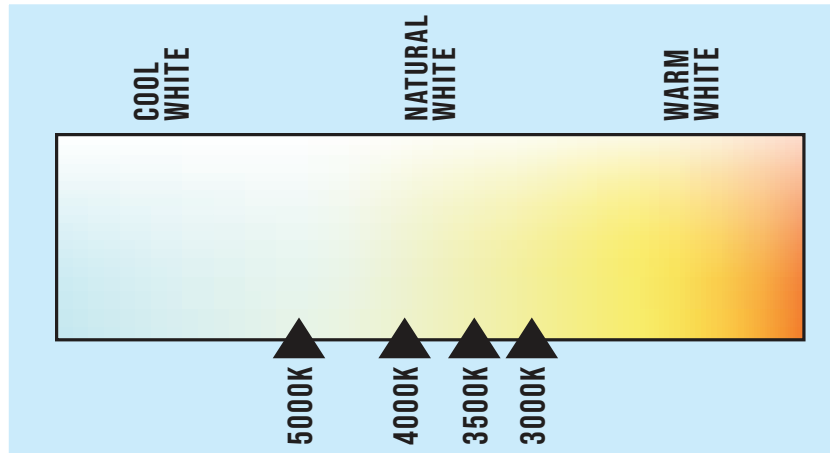- 5 Year warranty

# LED STRIP LIGHT

| SKU # | Model # | Wattage Adjustable | Lumens | CCT Adjustable | Size | Beam Angle | Certifications |
|-------|---------|--------------------|--------|-----------------|------|------------|----------------|
| 1560692 | BLT-LA02-40W4FTBTA1-WH30/35/40/50 | 20W/30W/40W | 5400 Max. | 3K/3500K/4K/5K | 4' | 130° Degrees | UL & DLC |

## SKU #. 1560692          Specifications

| Parameter | Description | |
|-----------|-------------|--|
| **General Performance** | Model # | BLT-LA01C-40/30/20W4FTBTB1A1-WH50/40/35/30 |
| | Wattage Adjustable | 20W / 30W / 40W |
| | Lumens | 5400LM |
| | Lumen Efficacy | Up to 135LM/W |
| | Color Temperature | 3000K / 3500K / 4000K / 5000K |
| | CRI (Ra) | >80 |
| **Electrical** | Beam Angle | 130° Degree |
| | Input Voltage | 120-277Vac, 50/60Hz |
| | Diffuser Type | Frosted Lens |
| | Dimming | 0-10V Dimmable |
| | Power Factor | ≥0.9 |
| | Flicker Percent | <5% |
| | Driver Brand | / |
| | Driver Model | LH-040LA-S90SVPC |
| | Driver Surge Protection | L/N-PE: 2kV, L-N: 2 |
| **Physical** | Operating Temperature | With out Sensor and Emergency Power Supply: -30ºC TO 50ºC<br>With Sensor: -20°C to 45°C,<br>With Emergency Power Supply: 0°C to 40°C |
| | Operating Humidity | 20% - 90%  RH |
| | Storage Temperature | -20°C to 80°C |
| | Storage Humidity | 10% - 95% RH |
| | LED Brand | Lumileds |
| | LED Type | SMD2835 |
| | LED Qty. | 180 PCS |
| **Qualification** | Housing | IRON |
| | Housing Color | White |
| | IP Rating | DAMP（IP4X） |
| | Warranty | 5 Year |

# LED STRIP LIGHT

## Correlated Color Temperature (CCT)



COOL WHITE
NATURAL WHITE
WARM WHITE

5000K 4000K 3500K 3000K

## Dimension



2.4"

2.7"

48"
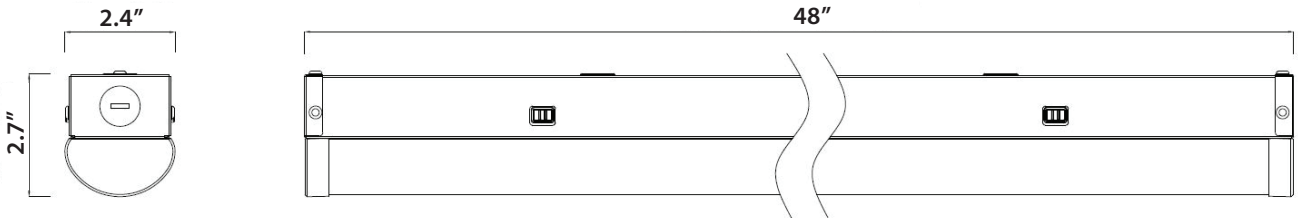
## Optional Accessories



**Optional Surface Mount Connector Bracket**



**Hanging Mount Safety Cable SKU: 152548**



**Optional Hanging Mount Connector Bracket**



**Optional Battery Backup**

# LED STRIP LIGHT

## Photometric Data

## Luminaire Property

Luminaire Manufacturer:
Voltage: 120.5 V                           Current: 0.340 A
Power: 40.72 W                             Power Factor: 0.993

## Photometric Results

CIE Class: Semi-Direct                     Total Rated Lamp Lumens: 5386.3 lm
Measurement Flux: 5386.3 lm                Efficiency: 100%
Downward Ratio: 88%                        Upward Ratio: 12%
Horizontal Diffuse Angle(10%,50%): H247.2,H133.8
Vertical Diffuse Angle(10%,50%): V158.2,V104.1
Luminaire Efficacy Rating (LER): 132.33    Central Intensity: 1453.68 cd
Max. Intensity: 1456.57 cd                 Pos of Max. Intensity: H0 V5
S/MH(C0/C180): 1.30                        S/MH(C90/C270): 1.20

### Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 120.6°

—— C0-C180    —— C90-C270    ---- G3
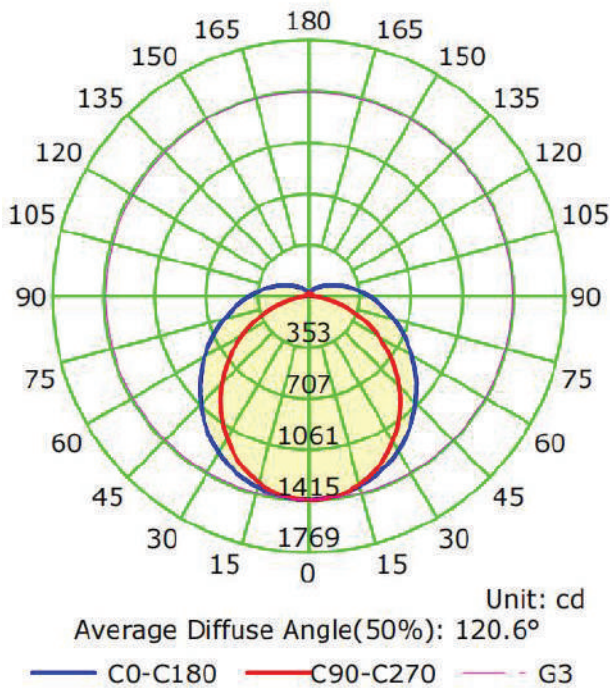
### The Average Illuminance Effective Figure



Flux Out: 3779.69lm

| Height | Avg./Nadir. E | Diameter / Area |
|--------|---------------|-----------------|
| 2.0m | 52.10/ 360.15lx | 9.61m / 72.55sq.m |
| 3.0m | 23.15/ 160.07lx | 14.42m / 163.23sq.m |
| 4.0m | 13.02/ 90.04lx | 19.22m / 290.19sq.m |
| 5.0m | 8.34/ 57.62lx | 24.03m / 453.43sq.m |
| 6.0m | 5.79/ 40.02lx | 28.83m / 652.94sq.m |
| 7.0m | 4.25/ 29.40lx | 33.64m / 888.72sq.m |
| 8.0m | 3.26/ 22.51lx | 38.44m / 1160.78sq.m |
| 9.0m | 2.57/ 17.79lx | 43.25m / 1469.11sq.m |
| 10.0m | 2.08/ 14.41lx | 48.06m / 1813.71sq.m |
| 11.0m | 1.72/ 11.91lx | 52.86m / 2194.59sq.m |

Beam Angle:134.8°

# LED STRIP LIGHT

## Installation

### Cautions:

1. Can not use the electric generator to test the LED light.
2. Please abide by related country, regional and local law and regulations when install this fixture.
3. Please turn off the power before installation or maintenance.
4. Proper earth grounding is required to ensure safety.

### Notice:

1. To avoid possibility of electrical shock or fire, the installation personnel must have professional electrick Knowledge.
2. Please wear gloves to avoid injury before installation.
3. If any smoke or spark of the wire happened, please turn off the power immediately and notify relevant personnel.

### Attention:

1. Please check if there is any damage during shipping. If so, please contact manufacturer timely.
2. Please read the installation instruction carefully to check whether all the accessories are complete. After confirmation, then install the fixture according to installation steps.

### Wiring Diagram & Instruction:

3 Dimming functions are available in this high bay light:
1. Constant current can be achieved by 0/1-10VDC dimming.
2. PWM signal dimming.
3. Variation of resistance unit dimming.

| Description: This product is 0/1-10V dimming,below dimmers are recommened: | |
| --- | --- |
| Brand | Model |
| LUTON | NTSTV-DV |
| LEVITON | DS710-10Z / IP710 |
| LEGRAND | RH4FBL3PW |

### Wiring Instruction

L:Black,
N:White,
⏚ : Green/Yellow
DIM +
DIM -
 (As for the wire color of DIM+ and DIM-, pls check the light label.)
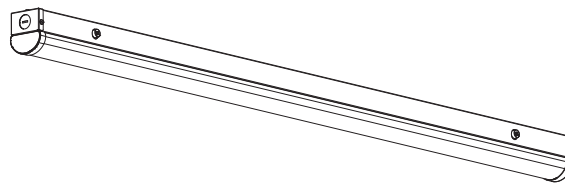
Please choose the appropriate dimming way according to your needs.You can also choose not to use this function.
Round lampshade or square lampshade will not affect the installation method or function expansion of the product.

### CCT or Wattage Tunable:

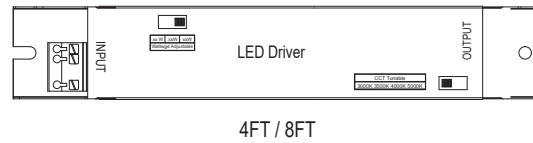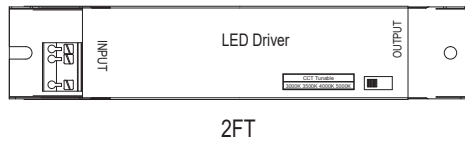Step1. Press the screws on both sides of the lamp by hand to open the lamp, Wattage can be adjusted via dialing.



2FT



4FT / 8FT

# LED STRIP LIGHT

**NOTHING BUT LEDS**

## Installation



2FT
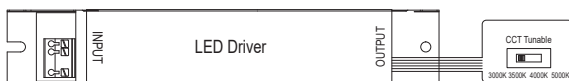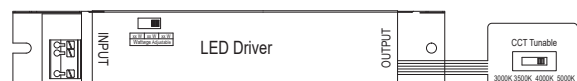


4FT / 8FT

**Two installation methods: A Surface Mounting, B Hanging**
**(Please choose the most suitable installation method for the purchased product as per your needs.)**

## A. Surface Mounting:

Step1. According to the different lengths of the product, drill holes at the corresponding positions and drive the rubber plugs from the accessory kit into the holes (Figure 1)

Step2. Clamp the disc from the accessory kit to the lamp (this step can be omitted if the light fixture can completely cover the junction box on the wall) (figure 2)

Step3. Press the screws on both sides of the lamp by hand to open the lamp (Figure 3)

Step4. Lead the wire into the lamp and install the lamp chassis by using the screws in the accessory kit (figure 4)

Step5. Connect the wires according to safety requirements, and then install the lamp body back to the chassis, By using a extra mounting bracket, the lights can be connected in series (Figure 5) (Product connection: 20W lamps can be connected to maximum 50pcs, 40W 20pcs, and 60W 12pcs and 70W 13pcs and 80W 11pcs and 90W 10pcs)



Figure 1



Figure 3



Figure 4
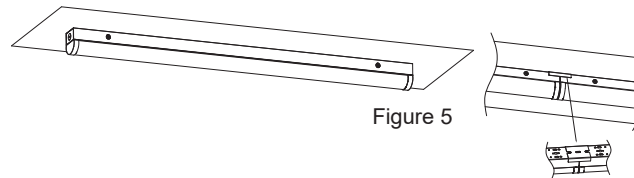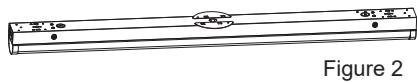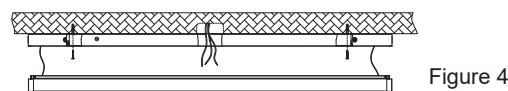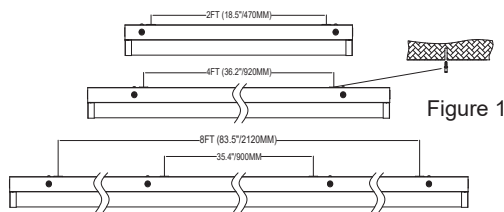


Figure 2



Figure 5

## B: Hanging Installation:

Step1. Hang one end of the installation rope in the accessory kit on the wall or hook (Choose accessories according to your needs) (Figure 6)

Step2. Fasten the other end of the installation rope to the lamp (Figure 7)

Step3. Press the screws on both sides of the lamp by hand to open the lamp.

Step4. Connect the wires according to safety requirements and then install the lamp body back to the chassis (Figure 8)



Figure 6



Figure 7



Figure 8

# LED STRIP LIGHT
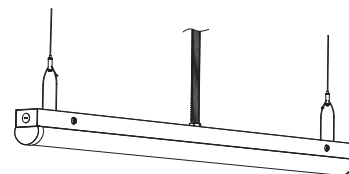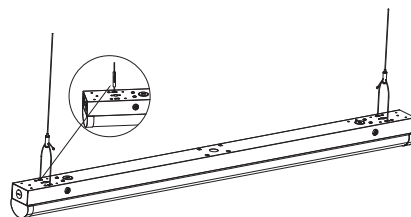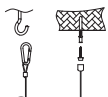
## Installation

**Extra Accessory Option Installation: 1: Product lengthening, 2: Sensor, 3: Backup driver, 4: Wire Guard.**

### 1.Product lengthening:
Step1. Use the screws in the accessory kit to lock the bracket onto one lamp (figure 9)
Step2. Align the other lamp to the bracket and lock the screws (Figure 10)
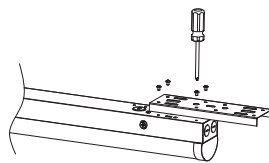(Product connection: 20W lamps can be connected to maximum 50Pcs, 40W 20Pcs & 60W 12Pcs & 100W 6Pcs).
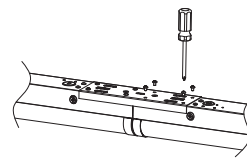
Figure 9                    Figure 10

### 2. DC Motion Sensor:
Step1. Press the screws on both sides of the lamp by hand to open the lamp.
Step2. Assemble the DC sensor to the corresponding position (Figure 11).
Step3. Connect the wires according to the wiring instructions, adjust sensing mode as per demand and then
          assemble the disassembled lamp back. (Figure 12)
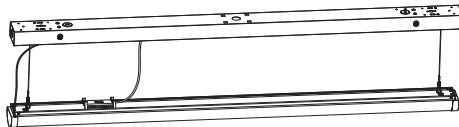
Figure 11                              Figure 12

### 3. Backup driver:
Step1. Press the screws on both sides of the lamp by hand to open the lamp.
Step2. Assemble the backup driver to the lamp chassis (Figure 13)
Step3. Connect the wires according to the wiring instructions and assemble the disassembled lamp back.
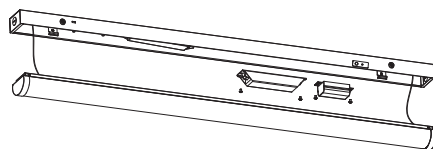          (Figure 14)

Figure 13                              Figure 14
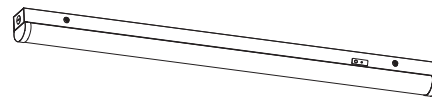
### 4. Wire Guard:
After installing the product is completed, install the barbed wire on the lamp with screw. (Figure 15/16)
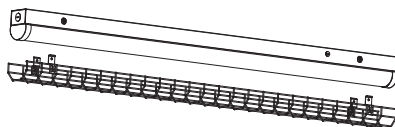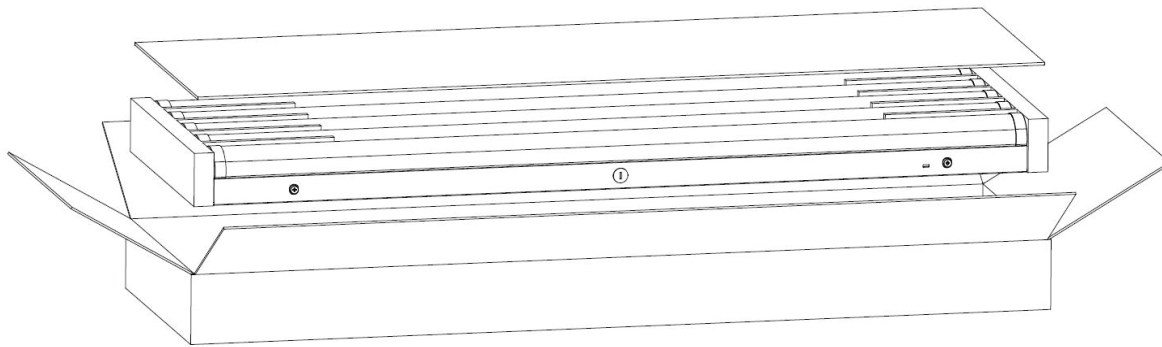
Figure 15                              Figure 16

# LED STRIP LIGHT

## Packaging

| Box Type | Carton Size | Qty/Carton | Net Weight | Gross Weight |
|----------|-------------|------------|------------|--------------|
| Inner Box | 48.42 x 5.90 x 2.95 | 2 Pcs | 6.60 LBS | 7.86 LBS |
| Outer Box | 49.21 x 9.84 x 6.69 | 6 Pcs | 19.8 LBS | 25.7 LBS |



## Warranty

5 Year Warranty

# LED STRIP LIGHT

## Application Image