

# ClickBright™ Light Bars

Product User Guide



5 Year  
Warranty



CAN BE USED  
TO COMPLY WITH  
**TITLE  
24**

Title 24 is regulated for lamps with color temperatures up to 4000K.

## Description

ClickBright™ light bars provide a simple and effective lighting solution perfect for projects requiring a mid-output light versatile enough to work as task lighting and accent lighting. These bars can be linked up to 16' in continuous runs, and can be installed with L connectors to go around corners without interrupting the line of light. The cover on these bars guarantees a smooth, spotless line of light that can also be dimmed as needed. These bars are lightweight yet durable and have a 5-year warranty.

## Product Features

- 24V DC Input
- Bars available in 1ft (30cm) and 2ft (58.4cm)
- Maximum Run Length in Series: Up to 16ft or 10 connections
- IP20 rated
- Available in: 2700K, 3000K, 3500K, 4000K, and 5000K
- Up to 493 Lumens/ft (1616/Meter)
- High CRI of 94+
- Efficacy up to 104 Lumens/W
- Only 1/2" (12mm) bar width
- Only 3/8" (10mm) bar height
- 48 LEDs/Foot
- Fully dimmable
- Operating Temperature -4°F to 104°F (-20°C to 40°C)

## Product Specifications

| Product SKU | Voltage | CCT   | Length     | Watts per fixture | Lumens per fixture | Luminous efficacy (Lumens/Watt) | CRI | Gamut Score Rg (Color Sat.) | Relative Fidelity Score (Rf) | TLCI (Qa) | CQS |
|-------------|---------|-------|------------|-------------------|--------------------|---------------------------------|-----|-----------------------------|------------------------------|-----------|-----|
| CLK-01-27K  | 24V     | 2700K | 1ft (30cm) | 4.3 W/fixture     | 416 lm/fixture     | 83 lm/W                         | 98  | 100                         | 95                           | 98        | 98  |
|             |         |       | 2ft (58cm) | 8.6 W/fixture     | 735 lm/fixture     | 81 lm/W                         | 94  | 99                          | 92                           | 94        | 94  |
| CLK-01-30K  | 24V     | 3000K | 1ft (30cm) | 4.3 W/fixture     | 404 lm/fixture     | 90 lm/W                         | 94  | 98                          | 92                           | 94        | 94  |
|             |         |       | 2ft (58cm) | 8.6 W/fixture     | 856 lm/fixture     | 93 lm/W                         | 96  | 98                          | 91                           | 97        | 94  |
| CLK-01-35K  | 24V     | 3500K | 1ft (30cm) | 4.3 W/fixture     | 478 lm/fixture     | 105 lm/W                        | 95  | 98                          | 91                           | 97        | 93  |
|             |         |       | 2ft (58cm) | 8.6 W/fixture     | 917 lm/fixture     | 104 lm/W                        | 98  | 100                         | 95                           | 98        | 98  |
| CLK-01-40K  | 24V     | 4000K | 1ft (30cm) | 4.3 W/fixture     | 446 lm/fixture     | 96 lm/W                         | 94  | 99                          | 92                           | 94        | 94  |
|             |         |       | 2ft (58cm) | 8.6 W/fixture     | 870 lm/fixture     | 97 lm/W                         | 94  | 98                          | 92                           | 94        | 94  |
| CLK-01-50K  | 24V     | 5000K | 1ft (30cm) | 4.3 W/fixture     | 493 lm/fixture     | 103 lm/W                        | 96  | 98                          | 91                           | 97        | 94  |
|             |         |       | 2ft (58cm) | 8.6 W/fixture     | 900 lm/fixture     | 104 lm/W                        | 95  | 98                          | 91                           | 97        | 93  |

## Ordering Code

| Series   | CCT  | Voltage                              | Length   |
|--|--|--------------------------------------|--|
| <input type="text"/><br><b>CLK-01-</b><br>ClickBright™ | <input type="text"/><br><b>27K</b> - 2700K<br><b>30K</b> - 3000K<br><b>35K</b> - 3500K<br><b>40K</b> - 4000K<br><b>50K</b> - 5000K | <input type="text"/><br><b>24V</b> - | <input type="text"/><br><b>01FT</b> - 1ft bar<br><b>02FT</b> - 2ft bar |

## Dimensions 24V

Top profile

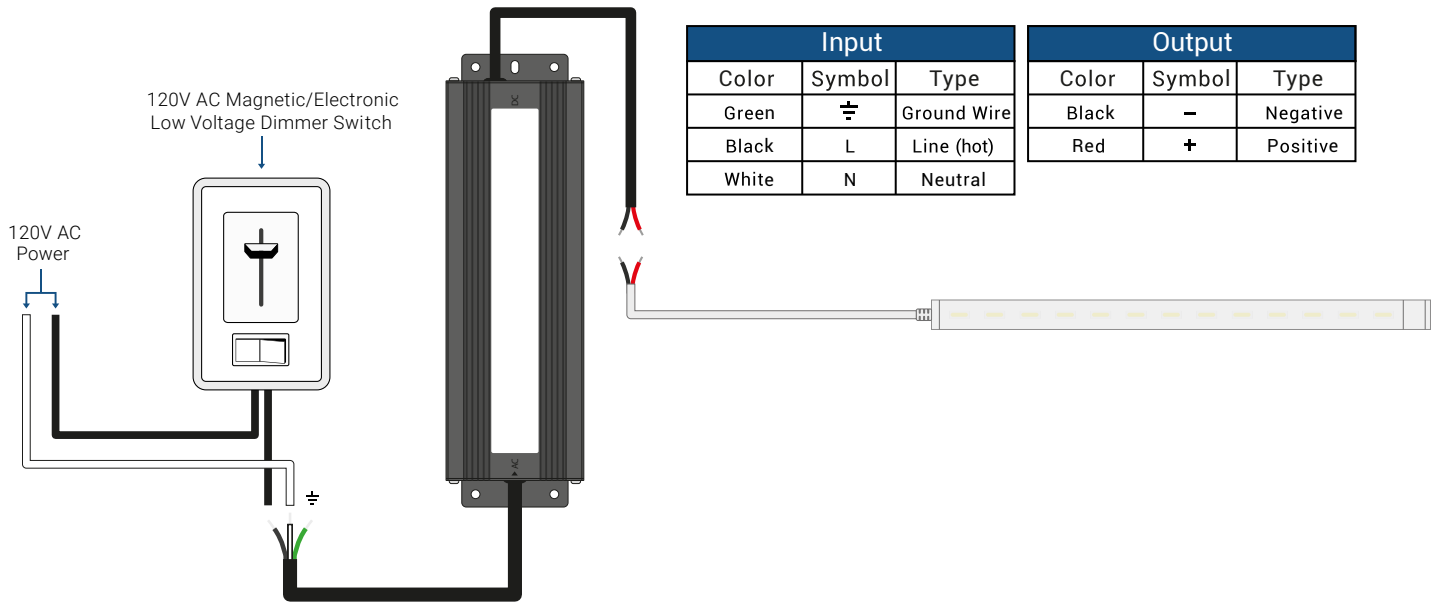


Side profile

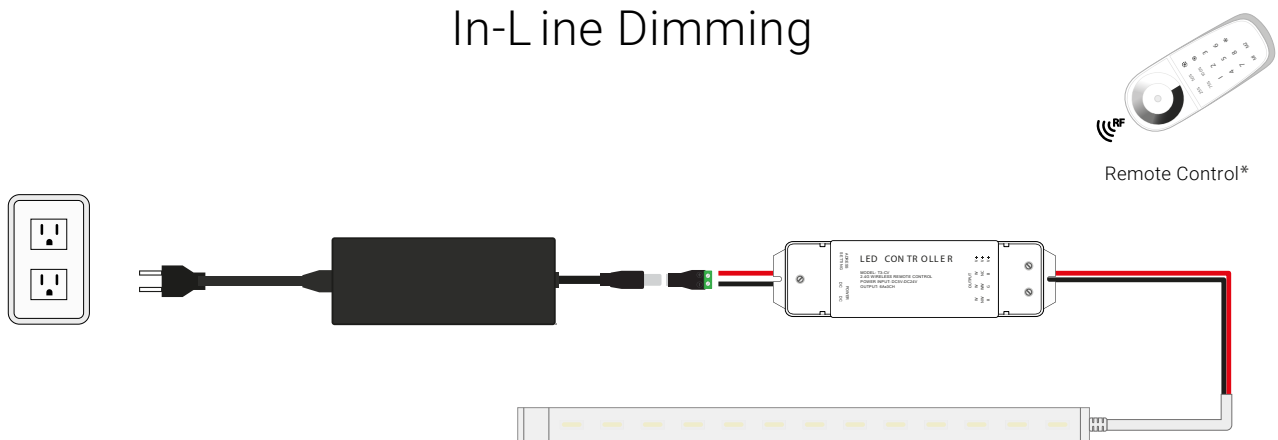


## Dimming Options

### Lutron® Style Wall Dimmer



### In-Line Dimming



\*Remote Control (SKU: SC-MZ-CTRL) can be paired to 8 total receivers. Multiple remotes cannot be paired to a single receiver (max 1)

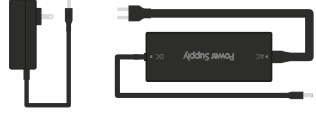


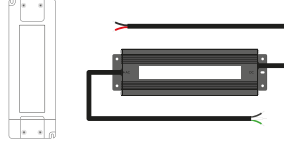
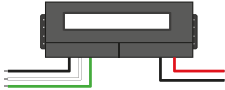
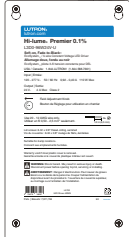

## Each ClickBright™ Light Bar Includes:



## Optional Accessories:



# Compatible Drivers (24V)

|   | Power Supply  | LED Strip Length   | SKU                    | Diagram   |   |
|---|---|--|------------------------|---|---|
| Non-Dimmable  | <b>Wall Mounted Power Supply / Desktop Power Supply</b> | 1 - 4 ft   | 24V-WMPS-1             |    |   |
|   |   | 5 - 11 ft  | 24V-DPS-2.5            |   |   |
|   |   | 12 - 17 ft   | 24V-DPS-4              |   |   |
| 18 - 22 ft  |   | 24V-DPS-5  |                        |   |   |
| Non-Dimmable  | <b>Mean Well™ HLG</b>                                   | 1 - 8 ft   | HLG-40H-24A            |    |   |
|   |   | 9 - 12 ft  | HLG-60H-24A            |   |   |
|   |   | 13 - 20 ft   | HLG-100H-24A           |   |   |
|   |   | 21 - 25 ft   | HLG-120H-24A           |   |   |
|   |   | 26 - 38 ft   | HLG-185H-24A           |   |   |
|   |   | 39 - 50 ft   | HLG-240H-24A           |   |   |
|   |   | 51 - 66 ft   | HLG-320H-24A           |   |   |
| 67 - 125 ft   | HLG-600H-24A  |  |                        |   |   |
| Non-Dimmable  | <b>Mean Well™ LPV</b>                                   | 1 - 4 ft   | LPV-20-24              |    |   |
|   |   | 5 - 7 ft   | LPV-35-24              |   |   |
|   |   | 8 - 12 ft  | LPV-60-24              |   |   |
| Dimmable  | <b>Zurik® EMLV</b>                                      | 1 - 6 ft   | ZRK-EMLV2-30W-24VDC    |   |   |
|   |   | 7 - 12 ft  | ZRK-EMLV2-60W-24VDC    |   |   |
|   |   | 13 - 20 ft   | ZRK-EMLV2-96W-24VDC-J  |   |   |
|   |   | 21 - 25 ft   | ZRK-EMLV2-120W-24VDC-J |   |   |
|   |   | 26 - 41 ft   | ZRK-EMLV2-200W-24VDC-J |   |   |
|   |   | 42 - 62 ft   | ZRK-EMLV2-300W-24VDC-J |   |   |
|   | <b>Zurik® Universal Drivers</b>                         | 1 - 5 ft   | ZRK-UNV-30W-24VDC      |  |   |
|   |   | 6 - 11 ft  | ZRK-UNV-60W-24VDC      |   |   |
|   |   | 12 - 19 ft   | ZRK-UNV-96W-24VDC      |   |   |
|   |   | 20 - 23 ft   | ZRK-UNV-120W-24VDC     |   |   |
| Dimmable  |   | 24 - 40 ft   | ZRK-UNV-200W-24VDC     |   |   |
|   |   | 41 - 64 ft   | ZRK-UNV-300W-24VDC     |   |   |
|   |   | 3 - 39 ft<br>(19 ft per output)                              | ZRK-UNV-C192W-24VDC    |   |   |
| Dimmable  |   | 9 - 81 ft<br>(19 ft per output)                              | ZRK-UNV-C384W-24VDC    |   |   |
|   |   | <b>Lutron® Hi-Lume™ Premier 0.1% Constant Voltage Driver</b> | 1 - 22 ft              | L3D0-96W24V-U   |  |
|   |   |  |                        |   |   |
|  |   |  |                        |   |   |

**NOTE:** Keep in mind that the maximum number of bars connected in series is 10 for the 1' bars (for 10' in total), and 8 for the 2' bars (for 16' in total). If you wish to cover a longer distance please set up your ClickBright™ bars in parallel or power them from independent power supplies.

# Installation

## Mounting ClickBright™ Light Bars

01



When installing the clips, make sure to leave about 1 to 2 inches of available space from each end of the light bar.

02



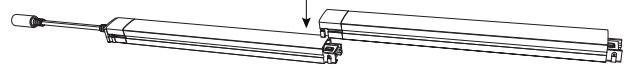
Make sure to place the mounting clips in a straight line so that the bars can snap into each clip. Use the screws to install the mounting clips.

03



Snap the sides of the ClickBright™ light bars onto the mounting clips.

04



Start with the first bar of your set-up and then add additional bars one by one.

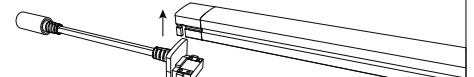
## Linking ClickBright™ Light Bars

01



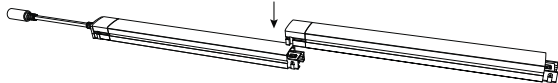
To link two different ClickBright™ light bars, remove the end cap from the first bar in your set-up.

02



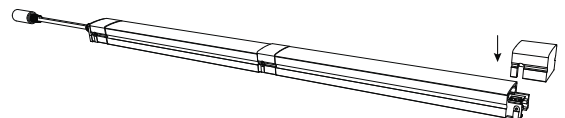
Then remove the power connector from the bar that will link to the end of the first bar in your set-up.

03



Align the front plug of the second bar with the end of the first bar, and apply light pressure from above. The bars will snap in together.

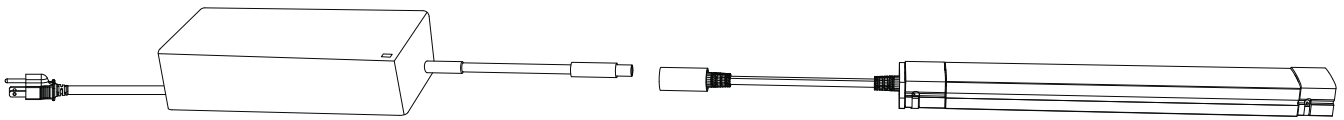
04



Use the end caps to finalize a run of ClickBright™ light bars in series.

## Installation

### Powering ClickBright™ Light Bars



- Please use a UL Listed 24V power supply that can handle the power of your ClickBright™ light bars set-up.
- Make sure that all parts are correctly linked and mounted. The first ClickBright™ light bar in the run should have a power connection attached, and the last one should have an end cap attached. ClickBright™ light bars come with a 8" power connector with a DC female connector on one end, but this connector can be replaced with one of the connectors offered as optional accessories when projects require longer connectors, or connectors with bare wire on one end.



## Safety And Disclosures

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- 01.** Install in accordance with the National Electric Code (NEC) Article 450, and local regulations.
- 02.** Do not exceed the maximum run length for this product. The maximum run in series for this product cannot exceed ten ClickBright™ light bars.
- 03.** Consult a qualified electrician. Do not install in wet locations. Install only in dry locations.
- 04.** Please use the specific connectors for this product.
- 05.** Do not cover the light or allow the light to be in contact with material that could pose a fire hazard.
- 06.** Do not bend, step on, or subject to pressure or flexing. Do not mount on uneven surfaces.
- 07.** Do not use if there is any damage to the unit or power cord's insulation. Inspect periodically.
- 08.** ClickBright™ light bars are fully dimmable. Select an appropriate dimmer that is compatible with your choice of power supply.
- 09.** Modifying this product beyond these instructions will void the product warranty
- 10.** Use a soft, dry cloth for cleaning.

## Warranty Information

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### Limited Warranty

This product has a 5 year limited warranty from the date of shipment. This warranty only includes the main product outlined in this specification sheet and does not include the additional accessories that are used as a reference. Complete warranty details for fixtures and additional accessories are available at <https://www.flexfireleds.com/warranties/> within the Policies section. For warranty related questions please contact product support team at ([support@flexfireleds.com](mailto:support@flexfireleds.com)).

### Consumer's Acknowledgment

Flexfire LEDs, Inc. stands behind its products when they are used properly and according to our specifications. When you purchase our products, you are agreeing to the terms and conditions outlined in our warranty section. We try our best to make recommendations, but the burden of proper installation, design, and maintenance relies on the purchaser.

This limited warranty does not include product failures that are the result of:

Not using a voltage regulated power supply to connect the LED product or controls; Connecting LED products to the wrong output voltage; Improper connection of power supplies, LED products, or controls; Connecting LED products or controls directly to any AC power source if they are stated for DC only input; Connecting power supplies backwards to an AC power source; Products used in an inappropriate location or in environmental conditions (temperature, humidity, moisture, etc.) outside the normal specified range; Water damage to products not specifically sold as waterproof products; Electrical power surges and spikes; Damage from hail, flooding, tornado, fire, wind, earthquake, lightning, electrical storm, or any other natural disasters or "force majeure" incidences; Damage caused by a vehicle or other accident; Damage caused when transporting the item; Damage to any products that were modified by the user, used for purposes other than as intended or directed, or connected to LED systems or components not purchased from Flexfire LEDs; Products that have been subjected to misuse, mishandling, misapplication or accident. Products used in connection with any components, devices or systems other than those explicitly approved as compatible with Company's products and listed on Company's website. Excessive wear and tear and/or physical or accidental abuse, loss, or theft. Improper repairs or warranty services performed by someone other than Flexfire LEDs will void this warranty.