

Important: Read all instructions prior to installation.

Under Cabinet LED Flexible Light Strip Kit

Parts Included

- 1 - 16.5' (5m) LED Flexible Light Strip (NFLS-xW300-UC)
- 1 - Single Color LED Controller - Wireless RF Remote (MCBRF-15A)
- 1 - 12VDC 60W Desktop Power Supply (TPZ-1200500A2)
- 1 - Female Terminal Screw Adapter (CPS-F2ST)
- 1 - Pigtail CPS Power Adapter Cable (CPS-PT)
- 2 - CPS Adapter Cable Clamp-On (NFLS8-2CHCPS)
- 4 - Flexible Light Strip Interconnect (NFLS8-2CSH)
- 3 - Solderless Clamp-On Pigtail Adapter (NFLS8-2CPTH)
- 1 - LC2 Male Power Connector Pigtail (LC2M-PT)
- 1 - LC2 Female Power Connector Pigtail (LC2F-PT)
- 10 - 22-16 AWG Grey Wire Nuts (WN-2216)
- 1 - 8' Length 24 AWG Two Conductor Power Wire (WP24-2)
- 8 - Double-Sided Foam Pads (3M-FTP)

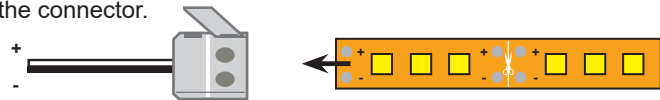
If your installation requires additional parts, visit superbrightleds.com and enter the part number above in the search box.

Connecting Strips

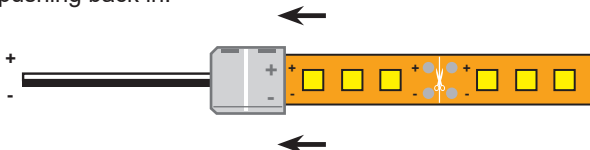
- Gently pull out locking tab on face of Flexible Light Strip Interconnect (NFLS8-2CSH)



- Insert strip firmly into Interconnect making sure the polarity is correct by lining up the + symbol on the strip with the white wire on the connector.



- Return the locking tab to the closed position on the Interconnect by pushing back in.



Troubleshooting Tips: If the light strip does not light up, check that the polarity is correct. + symbol connecting to + symbol on all segments. Make sure strips are fully inserted in clamp-on connectors.

Instructions

Pre-test & Configure

Remove strip from reel and make connections to power supply and dimmer (see "Method 1" diagram). Briefly turn on strip using dimmer power button to ensure proper operation of the strip, power supply, dimmer, and remote.

Layout strip on counter below cabinets, hold strips up under cabinets to determine lengths of strip segments needed for your installation. See below for cutting instructions.

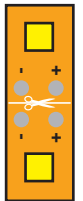
Connect all strip segments using appropriate length connectors, see "Connecting Strips" section and "General Diagram" for guides. Connect strip. Connect strip assembly to power supply to ensure all segments are connected properly, then remove power.

Ensure all installation surfaces are clean and dry.

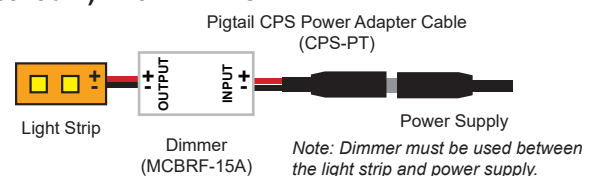
Begin to remove strip's backing while adhering to bottom front edge of cabinets for optimal illumination. Press firmly to secure strips to surface. Route strip interconnectors under cabinet seams, windows, and other spaces between cabinets. Attach dimmer and power supply to desired location using included foam tape.

Cutting

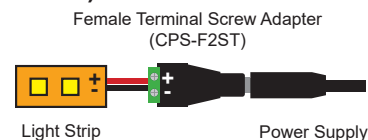
Cut strips to appropriate length using scissors on lines indicated with scissor icon. Strip can only be cut on these lines, which are spaced every 3 LEDs.



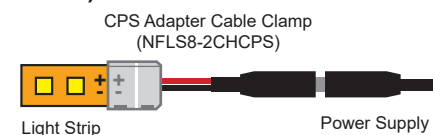
(Method 1) With Dimmer



(Method 2) Without Dimmer



(Method 3) Without Dimmer

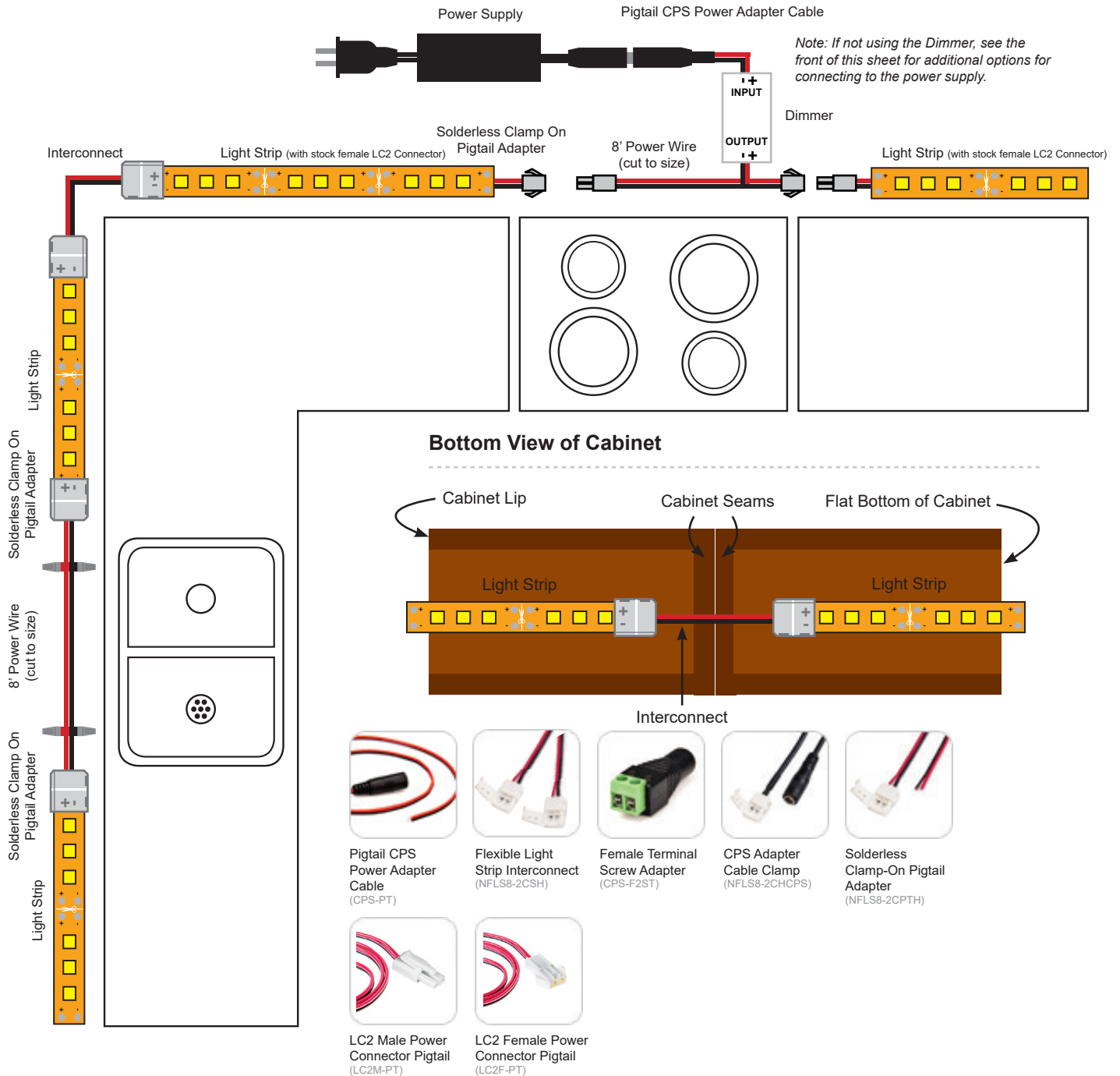


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General Diagram

Note: This configuration is for over-the-stove microwave's that have above cabinet storage with an existing outlet as a power source for the power supply. Wiring may vary based on cabinet configuration and outlet availability.



Safety

- DO NOT connect LED strip directly to 120V AC power. This kit requires a 12V DC Adapter (included power supply) to be powered.
- DO NOT connect more than one 16.5' section of light strips to the included power supply. Overloading the included power supply may cause overheating, shorting, and possibly fire.
- Be sure the power supply is not plugged into an outlet before connecting or disconnecting any of the kits components.
- DO NOT expose the light strip to direct or indirect moisture.
- Always observe proper polarity when connecting power and load.