

SAFETY INFORMATION

WARNING: Do not connect directly to high voltage power (120V-277V). Use only with 24V DC hardwire or plug-in power supply. Factory warranty will be void if used otherwise.

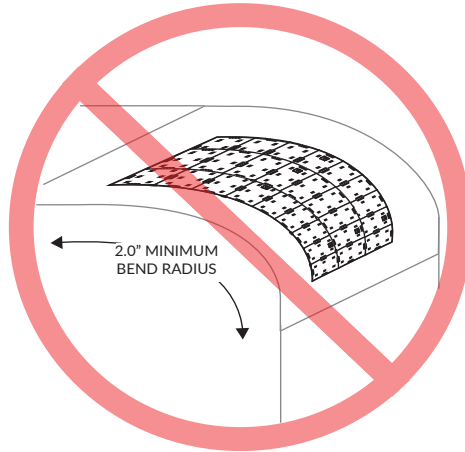
- Read complete instruction.
- These products may represent a potential shock or fire hazard if improperly installed or attached in any way. Products should be installed in accordance with these instructions, local electrical codes and the National Electric Code (NEC).
- Do not energize LED Flex Sheet inside of packaging.
- Intended only for indoor use dry locations. Refer to product spec sheet for location ratings.
- Do not use if there is any damage to the unit or to the wiring/insulation. Inspect periodically.
- Do not route cords or LED Flex Sheet through walls, doors, windows or any similar part of a building structure.
- Do not secure LED Flex Sheet or its power cord with staples, nails, or any other sharp objects that may cause damage.
- Do not install LED Flex Sheet closer than 6" to combustible material.
- Ensure proper gauge wires are installed between Power Supplies, Controls & LED Flex Sheet to avoid voltage drop.
- Ensure applicable wires are in compliance with local codes (In-wall rated, wet-location, high temperature, etc.).
- Recommended load for power supplies is 80%.

✓ required components to complete installation

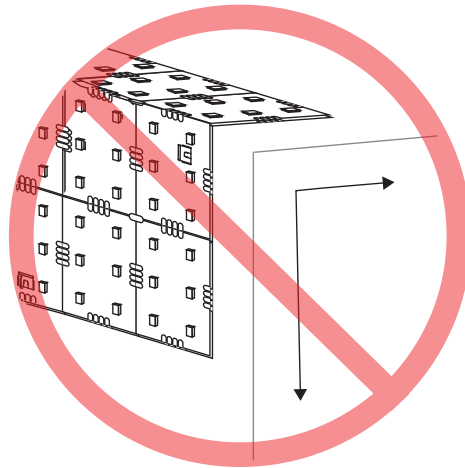
- LED Flex Sheet
- 24V DC Power Supply
- Decoder
- Connectors (if applicable)
- Mounting Screws (if applicable)



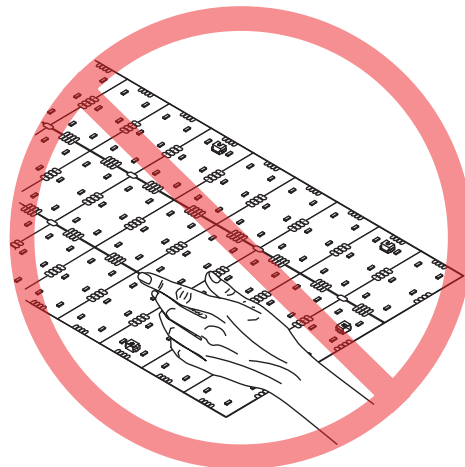
Tapelight DO-NOT basics



2.0" MINIMUM BEND RADIUS



**DO NOT FOLD OR CREASE
FLEX SHEET**



**DO NOT APPLY EXCESS
PRESSURE TO FLEX SHEET**



Install the Flex Sheet

1

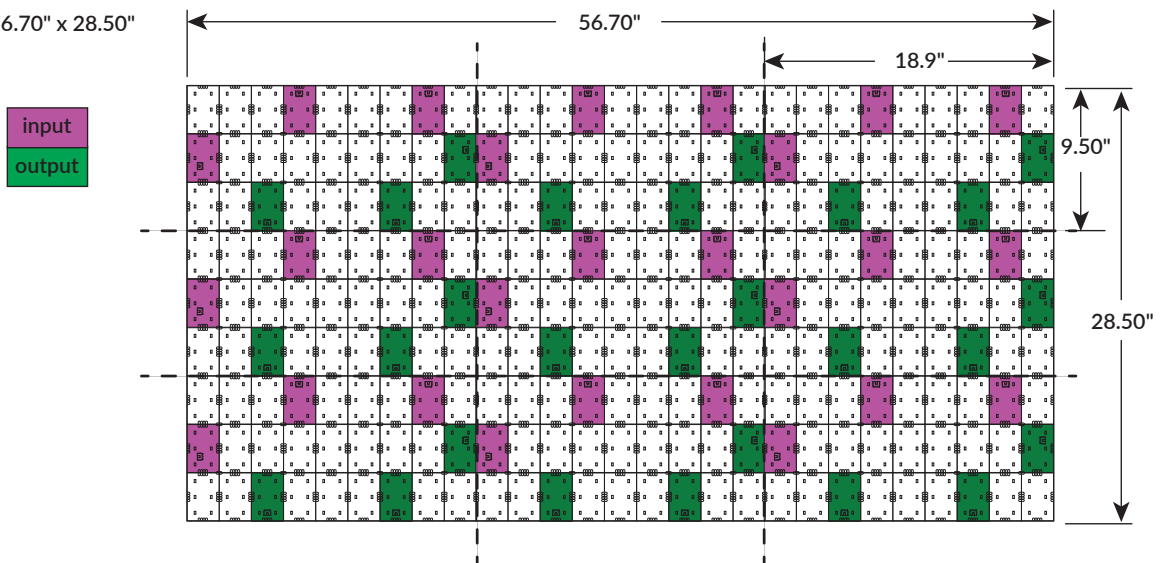
INSTALLATION NOTES:

- Review all parts and quantities to confirm if all the necessary parts are available.
- When orientating the LED Flex Sheets to the surface make sure to have them in the right position. Reference chart below, specifically input/output connections (listed on the LED Flex Sheet board)

- 1.1 Prior to installing the LED Flex Sheet dryfit the complete installation. In addition make sure to mark the area as a reference for the final installation.
- 1.2 Using the chart below evenly divide the LED Flex sheets to avoid any hot spots on the installation. Also to avoid overloading the power supplies.

LED Flex Sheet Quantity Max Series Connection before re-feeding power is required		
Model Type	RGB	RGBW
Flex Sheet Quantity	6	2

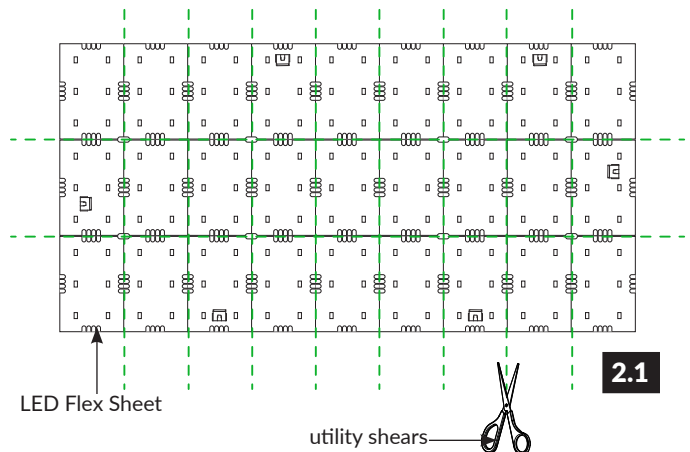
RGB LED Flex sheet:
Example Overview 56.70" x 28.50"



2

CAUTION: Use the proper safety equipment when making any modification to LED Flex Sheet.

- 2.1 If shortening the LED Flex Sheet, cut along the cut marks on the LED board. Located in between the solder pads using utility shears.
- 2.2 A soldered connection to the LED flex sheet may be required, if during shortening of the LED Flex Sheet, The input/output terminal is no longer available for connection.



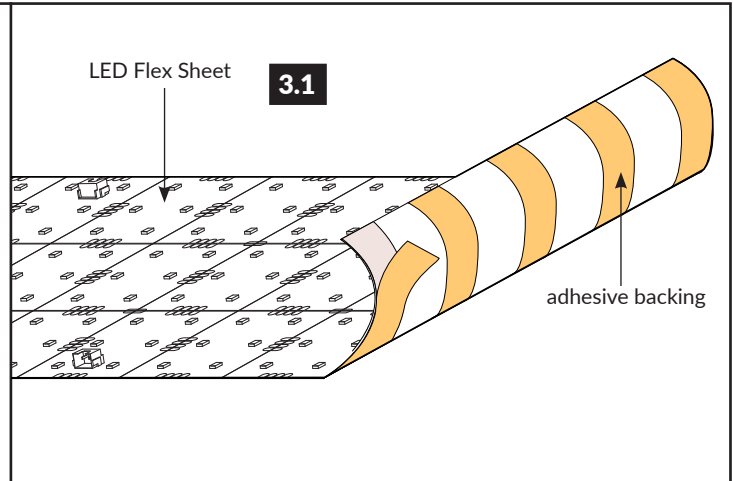
2.1



Install the Flex Sheet

3

- 3.1 Remove the adhesive backing from the underside of the LED Flex Sheet.
- 3.2 Carefully place the LED Flex Sheet onto the surface, and gently push down to secure. Make there are no ripples in the board.

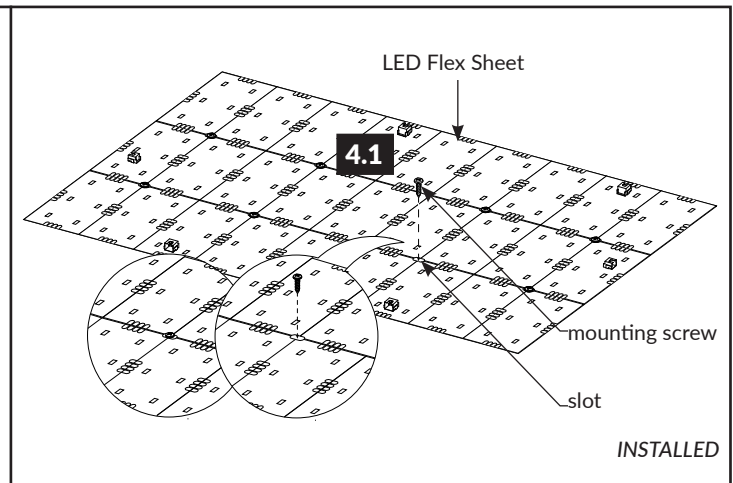


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INSTALLATION NOTES:

- Use the mounting screws when mounting the LED Flex Sheet upside down or sideways. Also when the adhesive tape does not adhere completely to the surface.

- 4.1 Fasten screws through the LED Flex Sheet slot, do not over tighten screws.

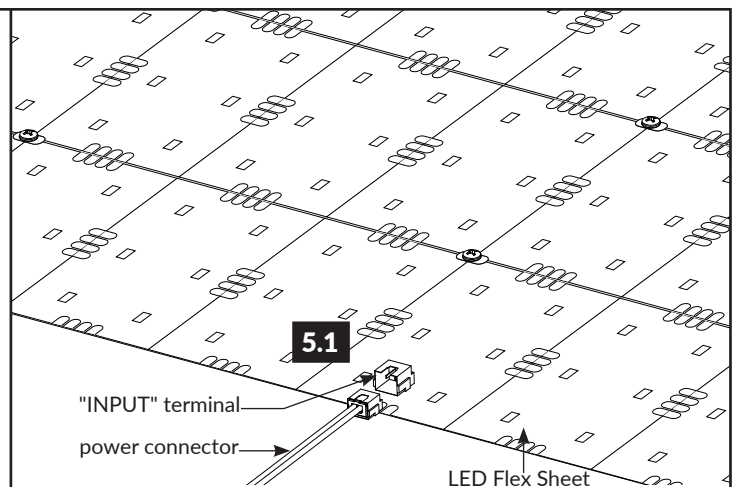


5

- 5.1 Connect the power connector to the "INPUT" terminal connector on the LED Flex Sheet. Reference wiring diagram for additional information on page 5.
- 5.2 If connecting additional LED Flex Sheet's, insert a connector cable from the "OUTPUT" terminal connector on the first LED Flex Sheet to the corresponding "INPUT" terminal connector on the next LED Flex Sheet, repeat this procedure for any additional LED Flex Sheet. Reference step for additional information.

INSTALLATION NOTES:

- A soldered connection to the LED flex sheet may be required, if during shortening of the LED Flex Sheet, The input/output terminal is no longer available for connection.

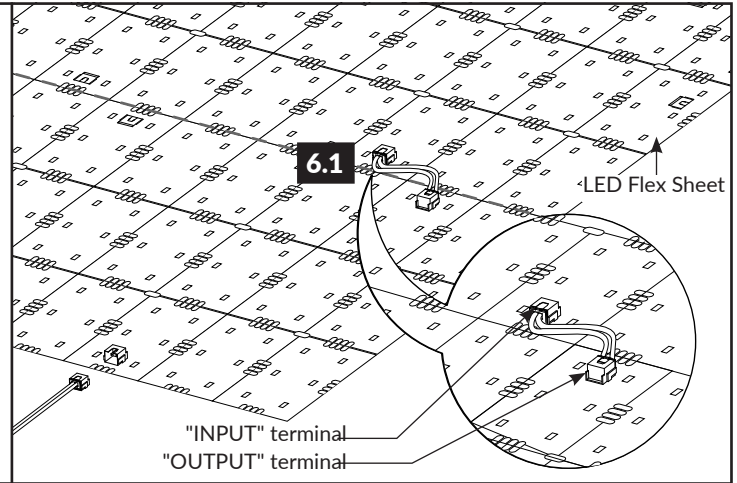




Connect to Power

6

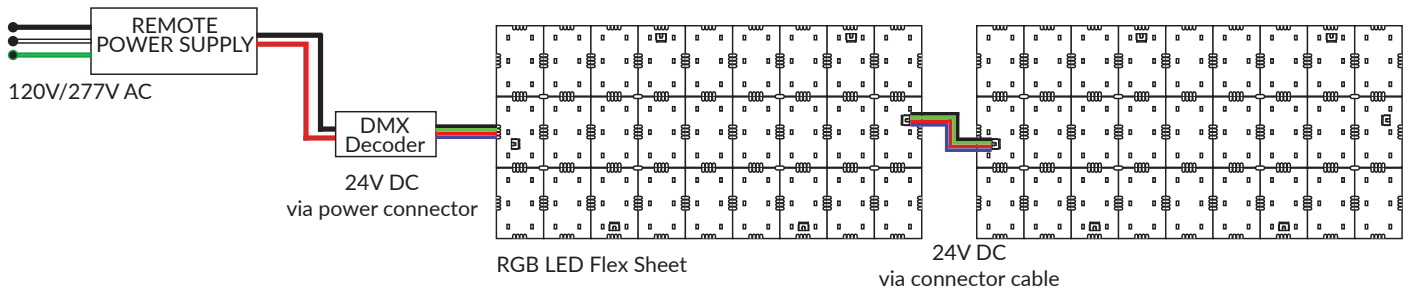
6.1 If connecting additional LED Flex Sheets, insert a connector cable from the "OUTPUT" terminal connector on the first LED Flex Sheet to the corresponding "INPUT" terminal connector on the next LED Flex Sheet, repeat this procedure for any additional LED Flex Sheet. Reference step 1 for additional information.



Typical Wiring Diagram

- RGB(W) LED FLEX SHEET - DMX CONTROLLED

Reference step 1 or product spec sheet for how many LED Flex Sheet can be connected in series before needing to refeed power.



- RGB(W)a LED FLEX SHEET - RF CONTROLLED

