



LED DL-FLEX-UP + DL-FLEX-UP-RGB Step by Step Installation Instructions



Start by double checking the lengths of the runs on your project to ensure you have the right amount of DL-FLEX-UP or DL-FLEX-UP-RGB strip for the on-stallation. Each Strip is 12" in length.

Note: The Max length of a run is 15' for RGB and 30' for single color. Once cut it can not be further connected on the cut end. Also double check the Power supply capacity.

If you plan to use the DL-FLEX-UP series channels (DL-FLEX-CH6), repeat step 1 to confirm lengths. FLEX-UP channels may be field cut to any length but come in a standard 6' length.

At one end of each strip there is a male connector. On the opposite end is a female connector. Connect each male connector with an opposite female connector until you have reached your desired length.



Channels may be attached using flat-head counter-sunk screws. If screwing is required, do this before installing DL-FLEX-UP strips and ensure a flat surface inside the channel to properly set the FLEX-UP product neatly and evenly in place. After the Channels are set in place and drilling debris is cleaned you may start to begin running the DL-FLEX product within this channel. (Note: Liquid nails is actually a better way to attach the channels if at all possible)



On the back end of both DL-FLEX-UP and DL-FLEX-UP-RGB products you will notice a white strip of paper.



Peel this off and avoid dust or debris to ensure that the adhesive will last. Peel each strip one at a time and install it one by one into the center inside of the channel.

With the peeled strip, Adhesive side down, Slowly press the strip's end and slide your finger up across it till you reach the other end to ensure even adhesion with no gaps or bends popping up. The LEDs are fragile, avoid using excess force.





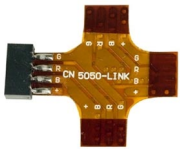
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Connectors

If you have gaps, angles or bends in your run of the DL-FLEX series product you may need other special connectors to continue your circuit.



For FLEX-UP-RGB, To reach across or hide behind gaps you may use the DL-FLEX-RGB-CC. This connecting cable comes in two standard sizes: 6" and 12"



For FLEX-UP-RGB, To split one run into multiple runs you may use this special X Connector: DL-FLEX-X-CONN-RGB



For FLEX-UP single color, To reach across or hide behind gaps you may use the DL-FLEX-CC. This connecting cable comes in two standard sizes: 6" and 12"



For FLEX-UP, To split one run into multiple runs you may use this special X Connector: DL-FLEX-X-CONN

Installation Cont.

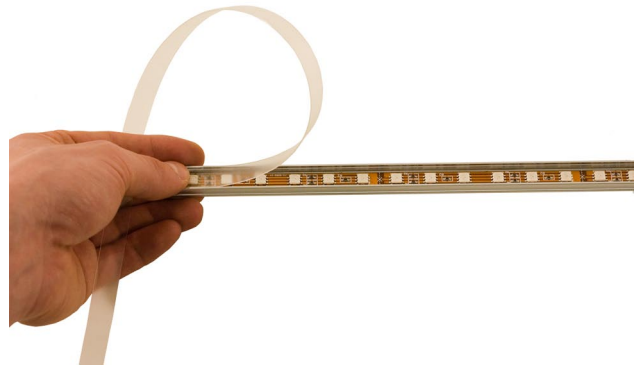
After you have secured your channels into place and your DL-FLEX-UP product is seated neatly inside, you may now choose to install the DL-FLEX-UP channel covers. The cover comes in two styles:

Clear (DL-FLEX-DC),
Opaque (DL-FLEX-FL).

To ensure optimal length runs, you may repeat the first two steps of this document shown for an accurate fit. Just like the FLEX-UP Channel, the covers may be field cut to any length.

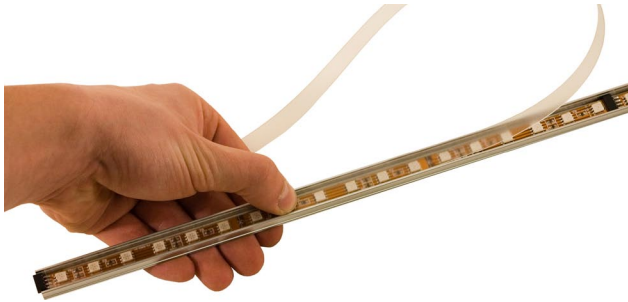
Once you have cut the channel covers to desired length, you may then start to install.

Match one end of the Lens with an end of a channel and press each end evenly together until you hear a snapping sound. A tiny taper in the channel locks the cover in place.





Once you have matched ends of the Lens and have heard the initial snap, keep your finger in place and press down with a fair amount of pressure and slide your finger up across the center of the lens. The Lens will continue to make snapping sounds, on each side, until you have made your way across the channel.



Repeat sliding your finger all the way across the lens one more time to ensure the lens has completely snapped into place.



Installation Cont.

Once installation of the cover is complete it is now time to connect the power connector.

- DL-FLEX-UP use: DL-FLEX-PC
- DL-FLEX-UP-RGB use: DL-FLEX-RGB-PC



DL-FLEX-UP-RGB-PC
-Connects to an RGB Controller using wire nuts or terminal block connection.



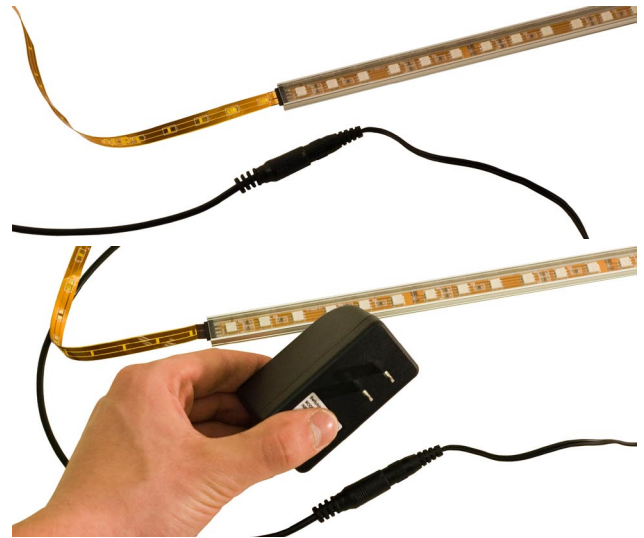
DL-FLEX-UP-PC
-Connects to a Power Transformer with a DC jack.



Just like connecting to two DL-FLEX strips:
Insert the male connector into the female end
of a DL-FLEX series strip.



Now you are ready to connect the LED power
driver. In this manual the DL-PS-WP24/24 LED
Driver is shown.



Once you have securely connected all Chan-
nels, Strips, Lenses and Drivers you can now
just simply plug in the wall adapter and enjoy
the lighting.

***Note: Do Not energize the system until inspected by
a qualified electrician. *Always install in conformance with
Local & National Electrical codes.

