

TrésMate™

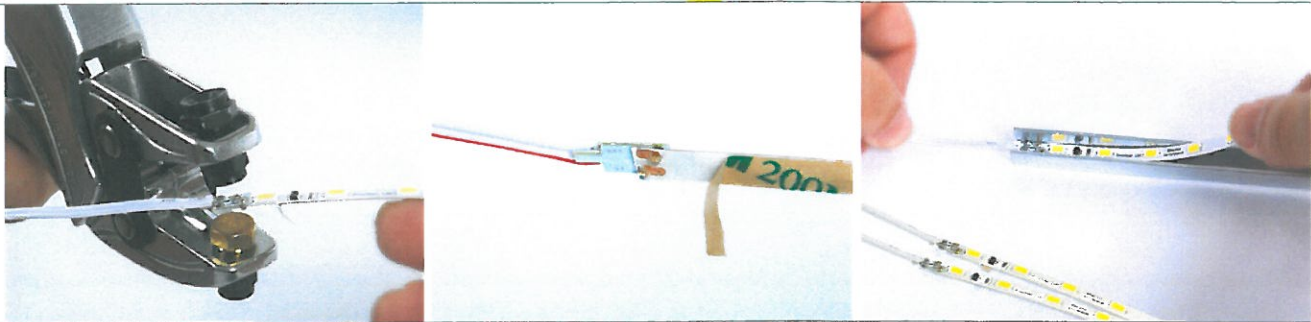
LED Edge-lighting System



Simple. Secure. Solderless.



TrésMate™ LED Edge-lighting system combines one of the brightest flexible 5mm strips with a patent-pending solderless connector. The unique commercial-grade system is specially designed for .220"+ edge-lit displays. They emit an impressive 110 lumens/watt and easily deliver the brightness needed to illuminate large lightguide panels.



Notes:

- The LED Strips and connectors are UL Recognized Components when connected to a Class 2 power supply.

Specs

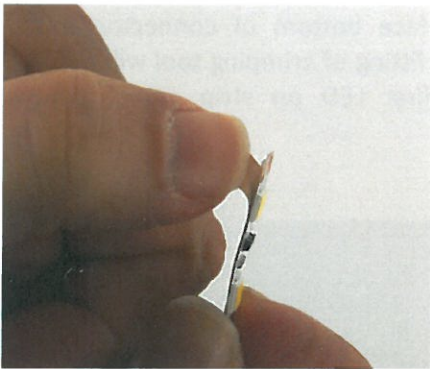
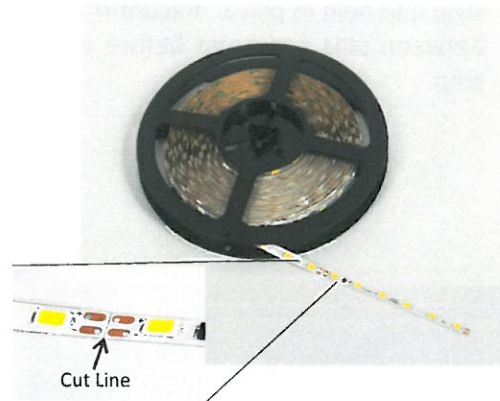
Details

Length per reel	10M (394")
Width	5mm (.2")
Circuit Length	10cm (3.94")
Voltage	24V DC
Power Supply	Class 2
LED Quantity	60 LED's per meter
Brightness	2,160 lm/M (658 lm/ft)
Color Temp (K)	6,000*
Estimated Lifetime	50,000 Hours
Power Consumption	20W/M (6W/ft) +/-5%
Rating	Dry
Current	Integrated LED Driver
Warranty	2 Year Limited Warranty

ASSEMBLY GUIDE

Step 1:

Measure your extrusion, then unroll appropriate length of TrésMate™ LED strip (note that each section of 6 LEDs is approximately 100mm or 3.94", so your overall length has to be a multiple of the section length). Using a scissors, cut on the line between the two sets copper plates that break the sections.

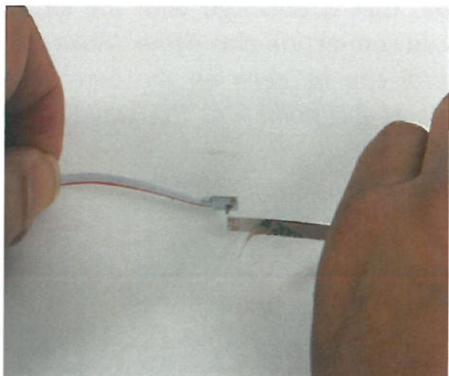
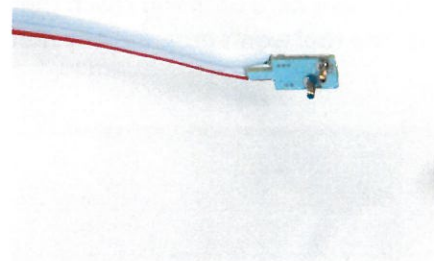


Step 2:

Peel back the paper liner on the tape attached to back of strip. This will allow pins to seed through holes in strip properly. There is no need to remove the adhesive over the holes.

Step 3:

Position the TrésMate™ connector so that the pins are facing down.



Step 4:

Align the connector pins with the holes on the LED strip (make sure that connector is positioned to be above the strip and polarity is correct).

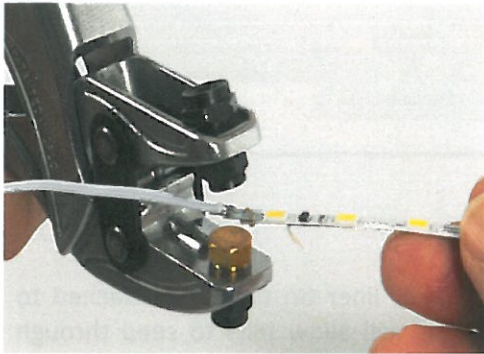
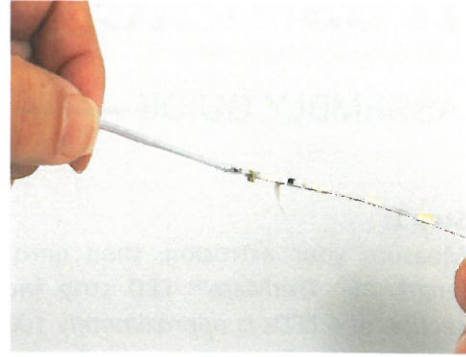
★★★★
FourStar LED

A LIGHTBOARD Company
TECHNOLOGIES

ASSEMBLY GUIDE (Pg 2)

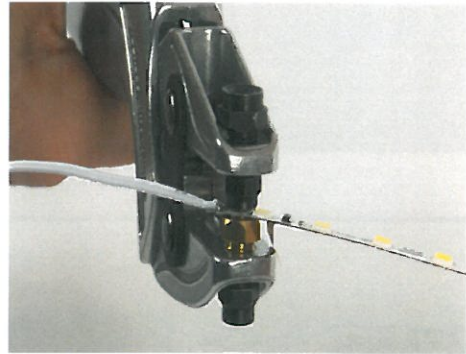
Step 5:

Push the connector pins through the holes on the strip and hold in place. Reconfirm polarity is correct between pins and holes before proceeding to next step.



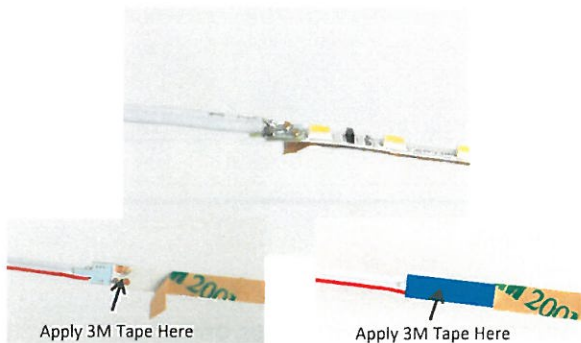
Step 6:

Align crimping tool so that it is above and below the connection mating point between the TrésMate™ wire connector and TrésMate™ LED strip. Brass fitting should face bottom of connector & strip. Make sure top fitting of crimping tool will not make contact with first LED on strip during crimping process.



Step 7:

Slowly squeeze the crimping tool so that plates come together exactly at the connection point between the TrésMate™ connector and the TrésMate™ LED strip. Once the tool is aligned properly and touching the connector & strip begin to squeeze hard until you reach the point where you feel the tool won't progress any more, then release.



Step 8:

Check to make sure connection pins are securely fastened to the strip. Then apply strip of double-backed 3M tape, that is enclosed with the kit, to cover the exposed connection pins (*Note: Make sure no exposed metal can be seen on the bottom of connector & strip at this point – as this could cause the LED lights to short*)