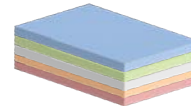




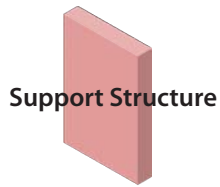
**Light**  **Tape**<sup>®</sup>  
Electro-LuminX<sup>®</sup>

Bring your imagination to LIGHT!

[Backlighting]



**It's Easy!** Create your own custom light box to backlight a variety of materials.

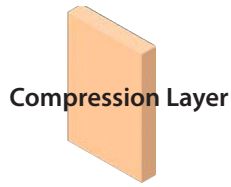


Support Structure

For outdoors, the support structure should be an inert material that does not absorb moisture and stable with changes in temperature.

Construct a stable structure to support the desired illuminated surface and all expected loads. Allow an extra 1/4" (6 mm) per side for the Light Tape<sup>®</sup> clear barrier lamination edge.

Ensure the surface is clean and smooth. Sharp points under illumination layer can damage the Light Tape<sup>®</sup> causing black spots.



Compression Layer

The use of compressible foam protects the Light Tape<sup>®</sup> from impact and minimizes operating vibrations.

Cut a foam underlayment to the shape of the support structure. We recommend securing the foam to the structure using 3M 468MP adhesive or equivalent.

We recommend Simple Solutions Foam Underlayment for laminate floors as an option for the compression layer. This product is commonly found in DIY stores such as Home Depot or Lowe's.



Light Tape<sup>®</sup> Layer

Place the Light Tape<sup>®</sup> layer directly on top of the compression layer.

Make sure to illuminate the Light Tape<sup>®</sup> panel(s) before completely securing into place.

For exterior or wet locations such as sinks or bars, we recommend using our exterior grade lamination as well as our IP68 connections.

Our Extreme Blue Green color was utilized in the below installation.



Clear Diffuser Backing

.02"+ thick clear plastic to diffuse light from center line.

If you are mounting tiles or any other material that needs to be supported, then we recommend using a thin piece of acrylic or polycarbonate to support your materials.

Generally, you can let gravity do all the work to hold the acrylic into place.

The same principal can be applied to vertical structures, but a heavier gauge backing is suggested to support the weight and prevent buckling in the center.



Onyx, Acrylic, Glass, etc...

It is important that Light Tape<sup>®</sup> is covered to prevent tampering and damage.

In this case, Crossville clear glass tiles were utilized for the installation.

The grout is StarQuartz: Starglass<sup>™</sup>, Diamond, which is translucent.

Other translucent materials such as honey onyx, colored acrylics, and glass make great illuminated surfaces.

