



Next Generation LED Edge Lit Signage from ILT and Evonik Cyro

ILT LED Edge Lighting Strips and Evonik Cyro's ACRYLITE® LED Create Dramatic Signage Effects

Peabody, MA – November 5, 2012 – International Light Technologies (ILT), a leading designer, manufacturer and distributor of LED-based lighting products, has partnered with Evonik Cyro LLC to create a unique LED Edge Lighting product to use with Evonik Cyro's ACRYLITE® LED for edge lighting (formerly EndLighten T) acrylic sheet material.

Ultra-thin sign panel lighting is created using ACRYLITE® LED illuminated with ILT LED Edge Lighting Strips placed at the edges of the sheet. The acrylic material then glows uniformly across its two perpendicular surfaces. The special light-diffusing particles inside the acrylic extract the light uniformly through the sheet and direct it toward the viewer. ACRYLITE® LED is a transparent colorless material offered in four grades, two sizes and various sheet thicknesses.

The typical setup consists of ACRYLITE® LED sheet illuminated with ILT LED Edge Lighting modules at one, two, or four sides. A transparent protection sheet can be used to protect the poster and light guide. A secondary surface diffuser can be used to improve the light scattering in certain applications. A highly reflective white sheet or film can be used on the reverse side of the acrylic to create a single surface illumination as well.

Edge Lit Signs Use ILT LED Edge Lighting Strips & Evonik ACRYLITE® LED for edge lighting



"Evonik contacted ILT four (4) months ago seeking a specific LED flexible strip design for optimizing the light scattering effects of its ACRYLITE® LED acrylic sign panel material" said Joe Reis, ILT LED Signage Business Development Manager. "Our team at ILT worked with Evonik Cyro to create the optimum LED edge lighting design for use with their material."

"Many of our customers were using off-the-shelf LED strip modules on our edge lit acrylic that were not bright enough or not designed for edge lighting", said Werner Mashig, Evonik's Lighting Product Manager. "We contacted ILT because of their reputation for working with customers to develop high performance LED lighting solutions. And that's exactly what ILT did for Evonik and ACRYLITE® LED customers!"

ILT LED Edge Lighting Strips are sold thru ILT's nationwide network of distributors in 16 foot reels and are available in 2 color temperatures. Please contact Joe Reis, ILT LED Signage Business Development Manager, at (978) 818-6180 or visit the ILT Web site (www.intl-lighttech.com) for more information.

About International Light Technologies (ILT):

ILT designs and manufactures LED-based products including food/beverage cooler case and open/reach-in case lighting, gasoline pump canopy lighting, under cabinet and task lighting, and a complete line of LED sign modules and flexible LED strips for illuminated signs.

About Evonik Cyro LLC:

Evonik Industries is a worldwide manufacturer of PMMA products sold under the ACRYLITE® trademark in the Americas and under the PLEXIGLAS® trademark in the European, Asian, African, and Australian continents. For more information, visit www.acrylite.net or www.acrylite-shop.com.