

Innovative Materials, Products, and Technology

CeeLite

Illuminate with electro-luminescent panels—whose thickness is about that of a shirt cardboard. Punch up large transparencies and translucent graphics as brighter images.

CeeLite panels are part of a new technology category known as a Light Emitting Capacitor (LEC) and are manufactured by CeeLite of Lansdale, PA, using Osram Sylvania's light emitting phosphors.

The panels offer low-power efficiency with programmable flatline inverters that control the light panel's level of brightness as dictated by the ambient light. The panels accept standard 120 VAC art 60 Hz power inputs; voltage and frequency requirements are determined by the required brightness levels of the panel.

The CeeLite panels are flexible enough to be rolled up, die cut, or cut to any size or shape. They're expansive enough to be produced in single sheets as large as four by eight feet. For larger back-lit applications, the panels can be tiled together.

CeeLite LEC panels have been used to back light a translucent lenticular display on the side of an 18-wheel trailer. The sign, a tribute to racing legend Dale Earnhardt, was composed of 84 two-by-three-foot CeeLite LEC panels and an equal number of lenticular flip panels. The final result was a large, evenly distributed, illuminated light displaying the large format lenticular—even during day light.

In another application, CeeLite LEC panels were used to create window displays for a real estate promotion. The panels were bright enough to replace standard light box panels. The result? Elegant, illuminated, back-lit displays—no more than 3/8" thick—that looked less like signs and more like framed photographs.

Because of their flexible and flat material base, CeeLite LEC panels can be used indoors or outdoors, on floors, around columns, and on unconventional objects and surfaces. Applications include signage, trade show exhibits, architectural and design lighting, and point of purchase displays. Currently the product is available through a nationwide distributor network.

Visit www.ceelite.com for more information.



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