

Our organization has been using the software for about 2 ½ years to design LED signage and lighting products.

The products range from simple quick service ID signs to high end medical lighting lighting products. Our experience with LEDs combined with the software has allowed Everbrite to promote LED versions of our conventional (fluorescent) products.

In the markets Everbrite serves customers are not only looking for better products and value for money but they are now requesting energy efficient products. LEDs are energy efficient and can provide improved performance however cost can be issue when competing with conventional lighting components.

Tracepro is an idea design tool in that it can aid the design of a product to >95% of the final production version without a single iteration of the prototype and analyze cycle. It is extremely useful in producing optimized and cost effective LED designs. A cost effective LED design is one in which the number of LED used is minimized thus reducing the cost per lumen and increasing the customers perceived value via performance and energy savings.

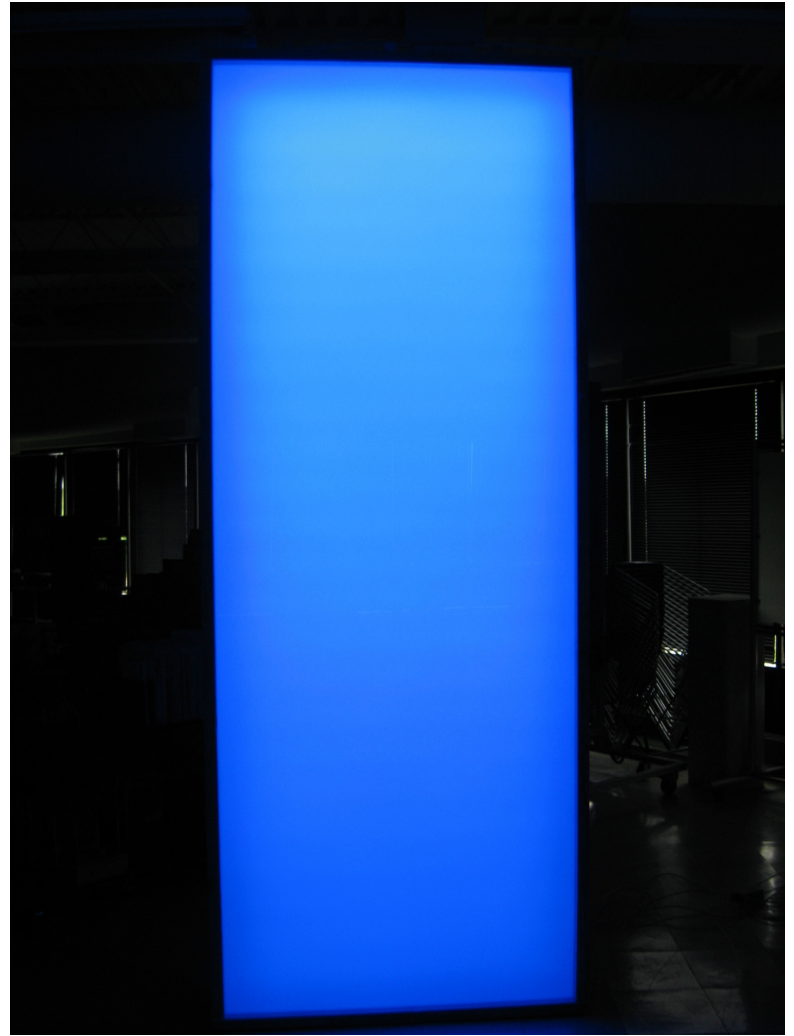
Everbrite has succeeded in placing LED products in the field where it was thought that LED could not challenge the conventional fluorescent lighting approach much to our customers delight and our competitors chagrin. Tracepro enabled us to provide our customers technical innovation and value to new products where it had not been possible previously with LEDs. Tracepro in the first design cycle more or less completed the ROI with the cost savings in prototype design and construction by eliminating the guesswork” almost entirely.

Photographic examples of LED products designed with Tracepro

- McDonalds LED program (Signage and decorative lighting on the roof cap elements)
- Medical Lighting product
- Decorative lighting panels (medical)



Everything is LED except for the ground well lights in bottom photograph. The top photograph is a 9ft high roadside sign.



LHS: Decorative wall panels in facility lobby.

RHS: "Gradient" blue wall, has a continuous JND gradient from top to bottom per customer specification.



Medical Lighting Applications: Ceiling down lights, ceiling decorative panels, wall decorative panels.