



Fairfield Fire Department

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The Honorable Christopher Shays
U. S. Congressional Representative, 4th District
10 Middle St., 11th Floor
Bridgeport, CT 06604-4223

Subject: Emergency Egress Path Lighting

Dear Congressman Shays:

Last summer I had the opportunity to assist E-Lite Technologies in an effort to validate what they believed was a new technology to replace or improve current emergency egress path lighting alternatives in saving lives during fires or other catastrophic events where visibility is impaired.

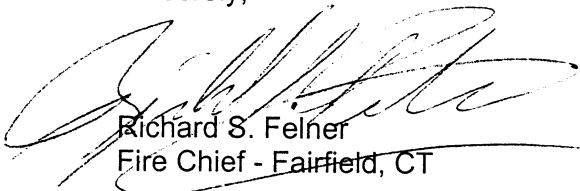
I made the fire training facility in Fairfield available to E-Lite for the purpose to trial their FLATLITE system, an electroluminescent lamp incorporated in an emergency egress configuration, against existing exit lighting products that were either incandescent or photoluminescent based. The system was battery powered with what was told to me was a three-hour life. Test protocol was two phased, a theatrically generated smoke environment and an active fire that ultimately generated a fire condition of zero visibility and >800 degrees temperature.

The firefighters that were involved and I were extremely impressed with the lamp performance in terms of providing egress path lighting and its resistance to the harshest possible ambient environment. In virtual zero visibility the lamp provided our firefighters an exit path when the competing systems had failed either as a result of heat destruction or an inability to be seen in the conditions that were created.

My recommendation to E-Lite, on the spot, was to secure UL 1994 and 924.

Should you or anyone on your staff require additional information, please do not hesitate to contact me.

Sincerely,


Richard S. Felner
Fire Chief - Fairfield, CT