



PRODUCT APPLICATION NOTE
NSEE SYSTEM
NIGHT LIGHT AND SAFETY
EMERGENCY EGRESS SYS-

- CAN SAVE OVER 90% IN ENERGY FOR SAFETY/EGRESS CIRCUITS
- VIRTUALLY ELIMINATE ALL SAFETY LIGHTING MAINTENANCE
- VIRTUALLY ELIMINATE ALL EMERGENCY BATTERY MAINTENANCE
- ENHANCE FACILITY SAFETY



IN THIS HALLWAY POWER USE WAS REDUCED BY ABOUT 3,000 KWH PER YEAR

THE FIREFLY SAFETY AND EMERGENCY EGRESS SYSTEM (NSEE) IS A NEW APPROACH TO AN IMPORTANT AND HIGH MAINTENANCE LIGHTING PROBLEM

NSEE REMOVES ALMOST ALL THE WORRIES, EXPENSE AND MAINTENANCE INVOLVED WITH NIGHTLIGHTING & SAFETY/EGRESS LIGHTING SYSTEMS

SEES - Safety and Emergency Egress System

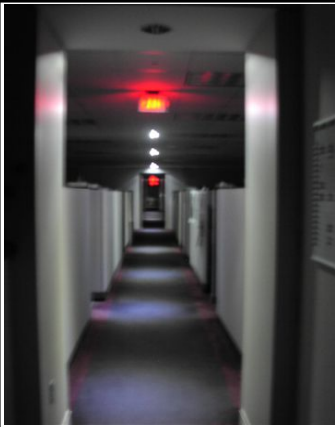
SAVE ON ENERGY SAVE ON MAINTENANCE	The NSEE system creates so much savings in energy and maintenance it can PAY FOR ITSELF IN AS LITTLE AS 12 MONTHS.
	The Firefly lighting components of the nearly maintenance free NSEE have an AVERAGE RATED LIFE OF 11.6 YEARS TO OVER 30 YEARS.
	The LED SLS-T STRIP LIGHTS REDUCE POWER USE BY OVER 90% for each of the general lighting fixtures once used as safety lights and since they are used less their lamps and ballasts can last 50% longer.
	The NSEE CENTRAL UPS SYSTEM ELIMINATES BATTERIES in exit signs and general/safety lighting and ELIMINATES EMERGENCY WALL PACK FLOOD LIGHTS.
ENHANCE FACILITY SAFETY	MEETS OR EXCEEDS ALL SAFETY INSPECTION CODES and exceeds UL requirements after proper installation.
	Energy use of the NSEE safety and egress circuits is so low they are powered with a small, dependable, CENTRALIZED UPS UNIT THAT GREATLY INCREASES UPTIME and helps insure all safety and emergency lighting will be working when needed.
EASY TO INSTALL	In a relatively SIMPLE INSTALLATION PROCESS the SLS-T strip lights are simply mounted in acoustic ceiling tiles, exit signs replaced or converted, and a small UPS installed, with existing labor or contractors.

CONTACT FIREFLY FOR MORE INFORMATION, A FREE ENERGY SAVINGS ANALYSIS, DESIGN AND INSTALLATION ASSISTANCE, AND HOW TO CONTACT AN AUTHORIZED DEALER

SOLID STATE LIGHTING OF THE FUTURE IS ALREADY AVAILABLE FROM FIREFLY

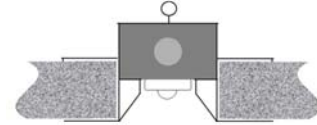
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EMERGENCY EGRESS SYSTEM

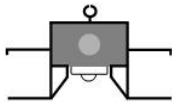


HALLWAY AND OPEN AREA APPLICATIONS

SLS-T STRIP LIGHT END VIEW
 MOUNTED IN ACOUSTIC CEILING TILE



The SLS-T fits easily into an acoustic ceiling tile and connects directly to a junction box. The recommended SLS-T30A (30 amber LED's) has an average rated life of 100,000 hours, a 10 year warranty, and draws only 6.5 Watts. If wired to come on only as night/safety lights and for emergency egress they could last for 30 years of trouble free life with zero maintenance costs.



OPTIONS INCLUDE case shapes for surface and corner mounting, white instead of amber light, and metal clad whip lengths up to 20 feet (standard length 11").



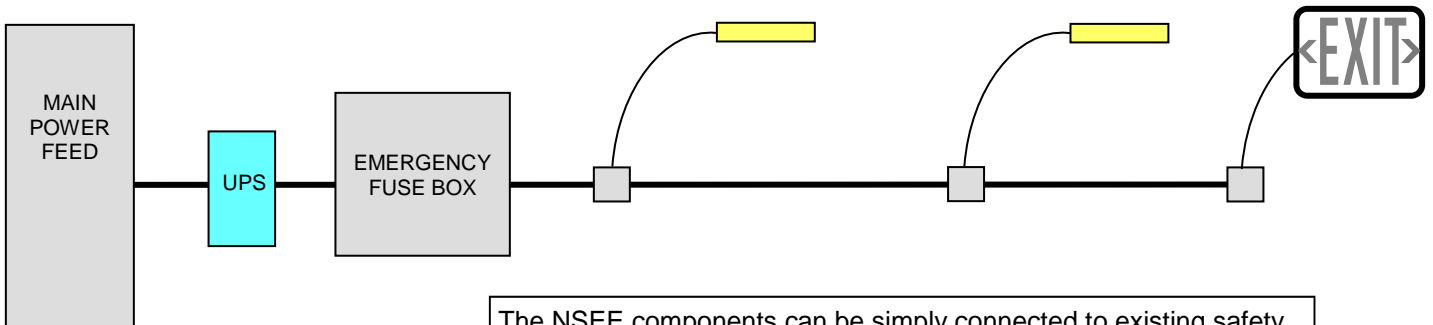
The Firefly EXIT signs and EXIT sign conversion kits are high quality, durable and can replace or convert an existing sign in about 5 minutes. The XSP new sign and the XSK conversion kit are warranted for 10 years and have an average life expectancy of 100,000 hours. They only use 1.5 Watts to create a clear bright EXIT sign face, well exceeding UL-942 performance requirements.

OPTIONS INCLUDE red or green color and hardwire or screw-in base for conversion kits.



The Firefly extended up time UPS for LED lighting loads is a high quality device that can be sized to meet any Firefly **NSEE** requirements. The Firefly UPS delivers "clean" smooth power to the NSEE system with at least 90 minutes of reserve capacity. The system is compact, provides full protection against all voltage problems, has adaptable communication connections and is a fraction of the cost of a standard backup generator.

FIREFLY WILL ASSIST IN THE SIZING AND OPTION SPECIFICATION



The NSEE components can be simply connected to existing safety emergency circuits or a new dedicated circuit can be installed.

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