

E/T Lights™

Solutions For First Responders

4-in-one lights



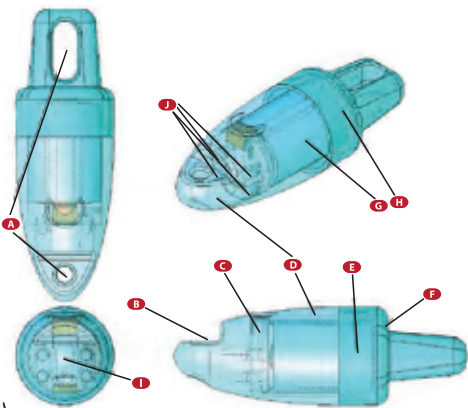
Southwest
Synergistic
Solutions

E/T Lights™
Solutions For First Responders



E/T Lights™

- * Infrared (Military version)
- * Red
- * Amber
- * Green
- * Blue



A Attachment Locations (Loops)

B Notched Tip

Designed to aid the user in locating the switch even under blind conditions.

C Recessed Switch

The switch is located inside the body of the **E/T Lights™**. This helps prevent the selected condition from being changed inadvertently. The user needs to press into the body of the light.

D Silicon Housing

Used because of its wide temperature usability. The light has been used at ~-20°F for an extended period and did not freeze or get brittle.

E Interference Fit Seal

Water resistant, pressure tested to 66 ft.

F End cap Options

Choose from the flat bottomed end cap, loop end cap or custom end cap for electronics, storage, flotation, etc....

G Lithium Battery

Provide longer light function. Our tests show that the red LED will remain on for a minimum of 72 hrs... Blue LED will stay on a minimum of 144 hrs... Green LED will stay on a minimum of 192 hrs. (From 144 hours up to 240 hours when set to blinking) Battery shelf life is 4+ years.

H Easy Battery Removal

Designed to be re-usable/ disposable and economical.

I Software Features/Board Features

The sequence for Version 1 is Press once - Infra-red, press twice blinking Infra-red (60/minute), press a third time - Red, press a fourth time - Green, press a fifth time - Blue, and press a sixth time - light turns Off and sequence restarts.

Emergency Off Feature - If at any time the user presses the switch for over 2 seconds the light will turn off and the sequence will restart.

Selection Memory - The **E/T Lights™** has a selection memory. It is very important that the selected condition not change or if the lights were tossed or banged around that the selection remained on.

All electronics when thrown around may lose power for milliseconds and subsequently turn off because of interruption of power due to shock. We have solved this issue by building the **E/T Lights™** with a memory. So even if the lights are thrown and battery contact is lost. The lights will turn back on to the last selection selected.

Reprogrammable chip - The new boards have programming pads. This was done to customize the color sequence and pulse rates to any sequence or rate desired. You can have the same light wavelength flashing at different rates within each different selection. This also facilitates accommodating special requests for customized operations and inclusion of specific operating sensors.

J Lock Feature

Versions 3 and 4 of the **E/T Lights™** have the lock feature activated. This feature locks in a color selection after it has been left on for over 3 seconds, preventing the patients from re-prioritizing themselves.

K LED's

Used because of their low power consumption and long life. LED's have 100,000 to 200,000 hours of use.

Infra-red LED may be replaced with other colored LED.

Colored LED's may be replaced with different wavelength infrared LED's or different intensity infrared LED's.

All comments provided by
Special Operations Personnel

“Patient Triage Light (Now combat proven by SOF Forces).”

“Just got package in. Played with the light and I am happy. It is reliable, and the battery is easily removed.”

“Have now been used in a mass casualty mission in combat and performed admirably.”

“Combat proven.”

“I took the triage light into -20°F the other day and it worked well. The outer shell did not get brittle as I suspected, and the lights worked whenever I tried them for over a one hour time-frame.”

“I was able to toggle the light while wearing blue glove liners and OR wind stopper outer gloves.”

www.TriageLights.com

Authorized exclusive international distributor

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Reduce patient collection times by
over 30% with fewer
patient errors.



4-in-one lights

E/T Light now associated with the Standardized Equipment List (**SEL**) numbers (03OE-03-GLRL) System, Marking, Green Line/Red Line And (09MS-01-TTAG) Tags and Supplies, Triage.



904-880-9900

Patents & Patents Pending
7326179, D576323, 7510527, 7674227

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E/T Lights™

Solutions For First Responders

E/T Lights™ are a newly patented technology available for the first time to nonmilitary personnel. Developed in conjunction with United States Special Operating Forces the E/T Lights™ are a new triage device and method for use that offers a faster, easier, and more effective way of marking and prioritizing individuals for medical care at the scenes of various emergency situations such as natural disasters, plane crashes, train and automobile accidents and other mass-casualty incidents. E/T Lights™ are easy to place and provide accurate information relating to a victims degree of injury.

This improved triage tagging system is easy to see in the dark, underwater and in buried situations,where traditional tags have been proven as inadequate. Complete darkness and underwater settings prevent the cards from being read and from being clearly seen from a distance.



Further, triage tagging is often performed under the most harried of conditions as well as increasing and heightened when smoke, dust and poor weather conditions obscure the ability to determine the triage status and to manually corresponding fill out a comment card too. The E/T Lights™ provide illuminated signals that visually provide the triage status of an injured person/animal at a distance and in low visibility settings such as in the rain, fog, snow, in areas of dense undergrowth and multiple other scenarios.

4-in-one lights



E/T Lights™ are "Combat proven' and have been used in actual mass casualty situations by U.S. Air Force medics.

In addition to being used as triage tags, E/T Lights™ can take the place of traditional emergency light sources such as chemical light sticks while offering numerous benefits over and above what the chemical light sticks offer.



	E/T Light Life	Chemical Light (CL) Stick Life	Qty utilized
Red	72+ Hours	2 Hours**	36 CL's to 1 E/T Light
Green	192+ Hours	5 Hours**	38 CL's to 1 E/T Light
Blue	144+ Hours	2 Hours**	72 CL's to 1 E/T Light
Blinking Red	168+ Hours	Not Available	N/A
Blinking Green	200+ Hours	Not Available	N/A
Blinking Blue	240+ Hours	Not Available	N/A

** Note- Packaging of the chemical light sticks stated that the products had up to 6 hours of use. My personal test results were that the red and blue chemical light sticks were usable for up to 2 hours. The green chemical light sticks were usable for 5 hours.

- Potential cost savings of over 90%
- Reduction in storage space
- Reduction in logistic and storage costs
- Reduction in weight and volume carried by First Responders
- Reduction in landfill usage
- E/T Light's are reusable and have replaceable silicon nose cones and end caps
- Improves response times of support personnel.

First responders can also use the E/T Lights™ for distinguishing between contaminated patients (Blinking color) and non-contaminated patients (Solid color), route marking, traffic control, perimeter marking, low light illumination and more.

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4-in-one lights IR ● ● ● ● ●



These lights could be dispersed to a population that did not evacuate a disaster area prior to the occurrence. Using Hurricane Katrina as an example those who chose not to evacuate could be given E/T Lights™ and instructed to wear them during the disaster on a constant on color selection (red-children, green-woman, blue-men). Once the disaster has passed the user would only need to press the E/T Lights™ switch once in order to change the color to blinking, indicating their survival. This would turn the night into a friend for first responders. The night would turn into clusters of lights visible from the air that would tell first responders the numbers, general condition, makeup and location of anyone who remained in the disaster area. Specific programming could be set which would let the rescuers know if the victim is alive, injured, etc... In addition, disaster survivors could use the E/T Lights™ for night illumination and general safety and survival.



The method, design and devices themselves are patent protected. To date patents 7326179, D576323, 7510527, & 7674227 have been issued. Many additional patents are still pending.

Southwest Synergistic Solutions is a minority owned small business (MBE) and is looking forward to serving our military and first responder community. Please email us today at info@triagelights.com.

904-880-9900

Patents & Patents Pending
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