



NFESC Technical Bulletin 10/03: **New Security Products for Vehicle Inspections**

The Naval Facilities Engineering Service Center (NFESC) and the Lumenyte International Corporation® have jointly developed three new security products intended for but not limited to vehicle inspection. The VL-1000 VestLyte, Security Illumination Mirror System and IW-2000 (3 meter) PypeLyte Inspection Light. These new products can provide security personnel with effective and low cost alternatives to complex high cost systems.

Personal Fiber Optic Lighting

The VL-1000 VestLyte (see figure 1) is a rugged, waterproof marker light that combines state of the art LED lighting and fiber optic technologies. This device is intended to replace the presently used Chemlights and provides more flexibility and enhanced operational applications.

Features:

- Available in red, white, blue, amber, green, and infrared
- Operates on two AA batteries (disposable or rechargeable)
- Battery life in excess of 1 week of continuous operation
- Can be turned on and off as needed.
- Waterproof to 250 feet.
- High impact-resistant housing
- Compact and lightweight
- No light bulb to burn out



Figure 1

Security Lighted Inspection Mirror

The Security Lighted Inspection Mirror (see figure 2) is a lightweight, ruggedized, all weather under vehicle inspection tool that provides enhanced performance over currently available products. This device is a stand-alone search tool or may be used in conjunction with other inspection and lighting products.

Features:

- Improved durability over conventional products
- Self-Illuminating
- Ergonomic design
- Enhanced optical performance mirror
- Ideally suited for quick response situations
- Improved maneuverability
- Highly portable
- Replaceable Mirror element
- Utilizes a commercially available flashlight



Figure 2

PypeLyte Inspection Light

The IW-2000 (see figure 3) is designed to be immersed into gasoline, fuels, and solvents. Initially intended to assist in fuel tank inspections, the product has a wide range of applications such as small vessel inspections, aircraft inspections, and machinery maintenance.

The fiber optic element is ¼" diameter by 2 or 3 meters long and provides high intensity, glare free illumination. The IW-2000 mounts onto a SureFire M6 flashlight, is easily man-portable, and safe to use around flammable materials.

Features:

- Now available in 2 or 3 meter lengths
- Replaceable fiber optic element
- Flexible yet stiff enough for insertion into tanks
- Easy maintenance and repair
- System is waterproof
- The element is fuel, oil and solvent proof
- Lightweight and convenient
- Utilizes a commercially available flashlight

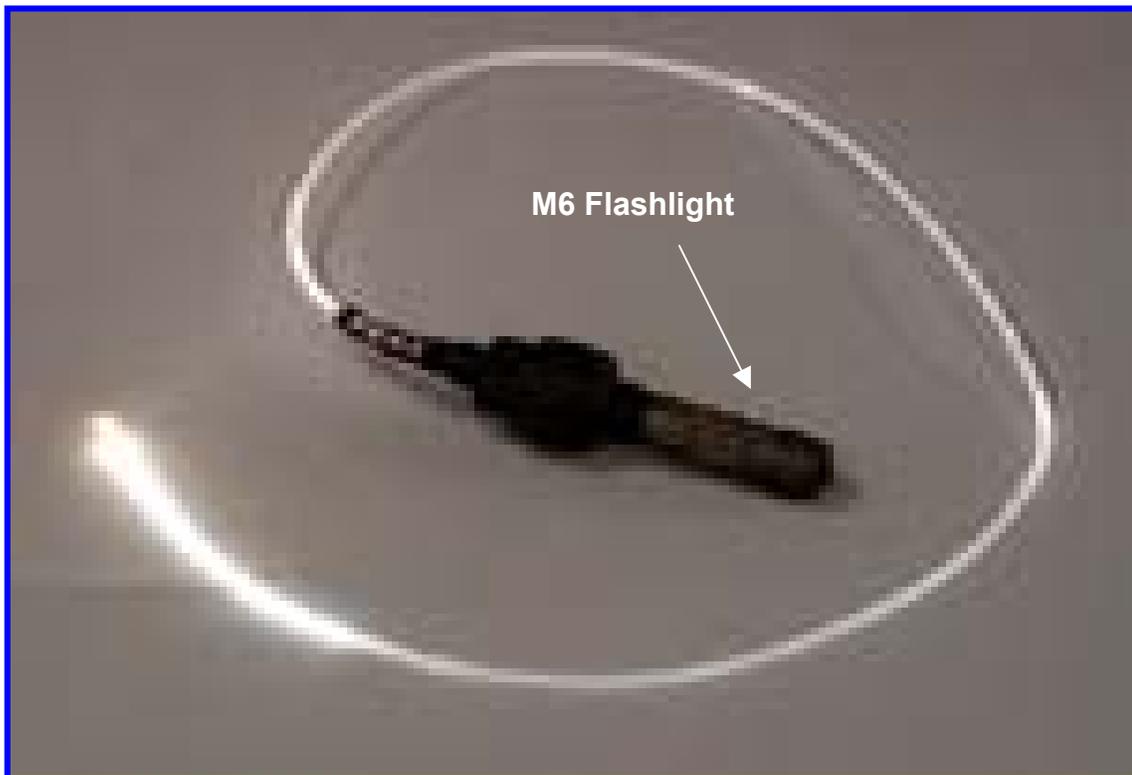


Figure 3



For more information on this and related products contact:

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