

SOSIL® SOLID – STATE LED ILLUMINATION SYSTEM

SOSIL® is a highly efficient (non-flicker) LED based lighting system that evenly illuminates a 1 m² to 3 m² area. The nondazzling effects of SOSIL allow instant eye transition from bright to dark areas. SOSIL has a 100,000 hour lifetime, and will upon power failure automatically switch to battery backup (optional). The backup battery will run up to 6 hours on five AA batteries. The control unit combines dimmer and batteries. SOSIL® uses no hazardous materials and is a non-fire hazard.

Availability: WPIC™ demonstrations are available

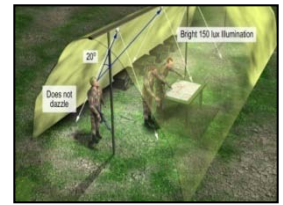
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SOSIL Fixture Assembly



SOSIL Luminarie



Nondazzle Shelter
Fixture

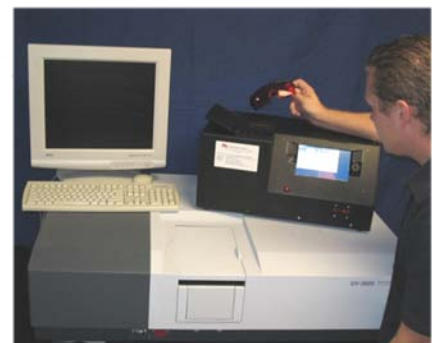
DOUBLET – Simple, Compact, Fieldable, Secure System for Validation of Protective Eyewear

Addresses the need for a portable, cost effective, and appliance-like device to assure the safety of wearable LEP spectacles, goggles, visors and other eyewear. Accurately validates protective eyewear with a wide spectral range and low noise, covering most military LEP applications. It has an easy to use user-friendly interface, with an extensive internal library of LEP eyewear. Usable by an operator at a high school education level.

The DOUBLET is compact, lightweight, and cost-effective with appliance-like utility – simply scan the barcode, insert the eyewear, push the button, and record the red/green result. The integrated battery enables 30 min of continuous operation between charges, and the secure operating system enables an administrator to limit access to the data and parameters of the system.

Availability: In-house demonstration available

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POC's DOUBLET sits atop a Shimadzu UV-VIS
3600 for comparison