



# THE O'GARA GROUP

SENSOR SYSTEMS DIVISION



# WALI

WIDE ANGLE LASER  
ILLUMINATOR

## INNOVATIVE LASER ILLUMINATION FOR NIGHT VISION

- Powerful illumination to penetrate total darkness
- Ultra Compact Design that maximizes output and runtime
- Enhances covert night vision operations
- Versatility - Handheld, helmet or weapon mounted applications



**(ACTUAL SIZE)**

## BEFORE & AFTER WALI #1



## OPERATIONAL CAPABILITIES

The Wide Angle Laser Illuminator (WALI) is a powerful, ultra compact near infrared laser illuminator designed for use as a secondary source of IR illumination for personnel using night vision devices in areas where the ambient light is not sufficient for mission success. The WALI makes use of a unique proprietary vibration speckle reduction technology which dramatically improves the uniformity of illumination that enhances the performance of night vision imagers and/or systems. The optical power of the WALI is sufficient to illuminate large rooms (or scenes of comparable area), tunnels or caves without the need to sweep the area with a standard white light illuminators, allowing personnel to preserve their night vision. The WALI operates off of a single CR123 battery and has a variable intensity control knob. The WALI can be used as a handheld device, but includes mounting clamps for Picatinny rails for helmet or weapon mounted applications.

## BEFORE & AFTER WALI #2



## PHYSICAL FEATURES

### Power Source:

CR123

### Voltage:

3V DC nominal

### Dimensions:

29mm (1.1in) x 48mm (1.9in) x

89mm (3.5in)

### Weight (approximate):

135g

### Waterproof Design

## OPTICAL PERFORMANCE

### Wavelength:

optimal for peak spectral response of GEN3 night vision tubes

### Optical Power:

100mW

### Divergence:

50° (min) FWHM in Gaussian profile (configurable from 20° to 40°)

**Can be configured to operate in the near-infrared (830-850 nm) or the short wave infrared (1550 nm) with an optical power of 100-200mW**

### Main Office

2794 Indian Ripple Road

Beavercreek, OH 45440

Tel: (937) 426-2341 / Fax: (937) 426-4820

Sensors@OgaraGroup.com

### International Sales Office

Unit 11 Jubilee Enterprise Centre

Weymouth, Dorset DT4 7BS England

Tel: 44(0)1 305 772211

Sensors@OgaraGroup.com

**ITAR Statement:** The O'Gara Group, Sensor Systems Division's products are commodities covered by the United States Munitions List (USML), the use of which is restricted by the U.S. Arms Export Control Act (AECA) and the International Traffic in Arms Regulations (ITAR) (22 CFR Parts 120-130). These commodities shall not be transferred to any foreign person in the United States or abroad, except as authorized by the U.S. Department of State, Directorate of Defense Trade Controls (DDTC).