



Threat Assessment Laser Illuminator (T.A.L.I.)

The PD/G TALI enables a spectrum of non-lethal response for Peace Keepers and Law Enforcement officials that will assess, deter, and preclude a potential risk through the use of eye safe, high intensity laser technology. The TALI affords the user a viable solution for intermediary defense tactics and the ability to assume control of a threat prior to escalation.



Model Number	PD/G-105 TALI
Output Power	Approx. 105mW
Output Wavelength	532nm
Beam Divergence	<4.05mrad; fully focusable out to 3°
Operating Mode	CW; 3000 Hz pulse
Dimensions of laser head (mm)	13(diameter) × 150(L)
Net weight(2 batteries included)	78 grams
Laser power supply	2 × AAA/1.5V batteries
Polarization	Linear (50:1)
Radiation on-time per firing (continuous on)	5 Seconds
Guaranteed Effective Range in darkness (m)	350m
Operating lifetime(hours)	3000-5000
Nominal Ocular Hazard Distance (NOHD) Fully Focused	17.1 (m)
Nominal Ocular Hazard Distance (NOHD) Adjusted	1 (m)

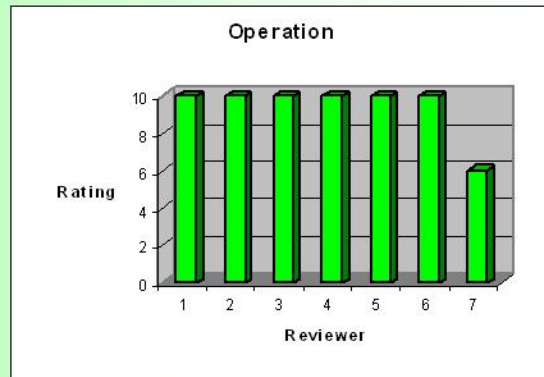
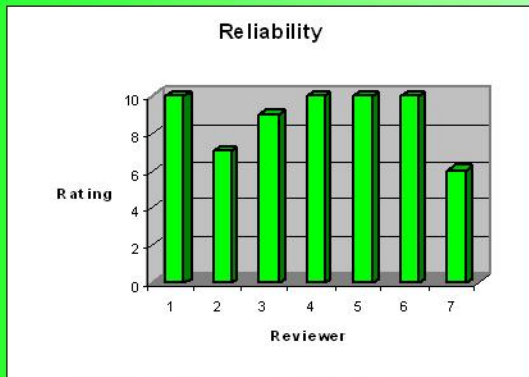
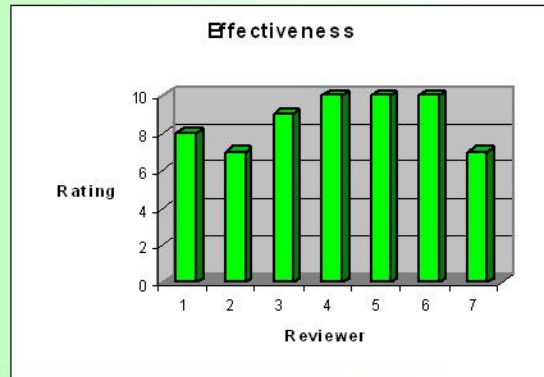
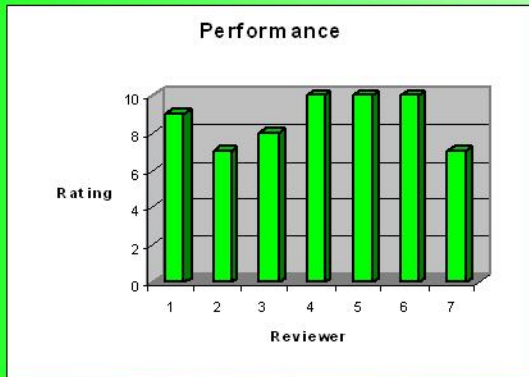
The XADS PD/G-105 has been tested and reviewed by the following:

- Army Testing and Evaluation Command (ATEC)
- Joint Non-Lethal Weapons Directorate (JNLWD)
- ARL Human Effectiveness Directorate Optical Research Branch (ARL-HEDO)



Field Evaluations:

In the Spring of 2005 the Army Rapid Equipping Force (REF), through the Joint IED Defeat Task Force Evaluation and Integration Team (JIETF), procured a minimal amount of TALI units for field testing in Operation Enduring Freedom (OEF). The units procured for evaluation were half the power of the PD/G 105 (>55mW). The field reports determined overwhelmingly affirmative performance and effectiveness ratings in a variety of applications.



-”Used to deter personnel and vehicles from entering our convoys. It worked great! Vehicles were flashed with light but would not stop; once lasered (sic), the vehicle stopped immediately.” Evaluator, OEF 2005

-”Easy to use. Stops vehicles proficiently. Good field use.” Evaluator, OEF 2005



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Available Accessories:

- Universal Rail Mount
- Laser Safety Protection Goggles
- Remote Trigger