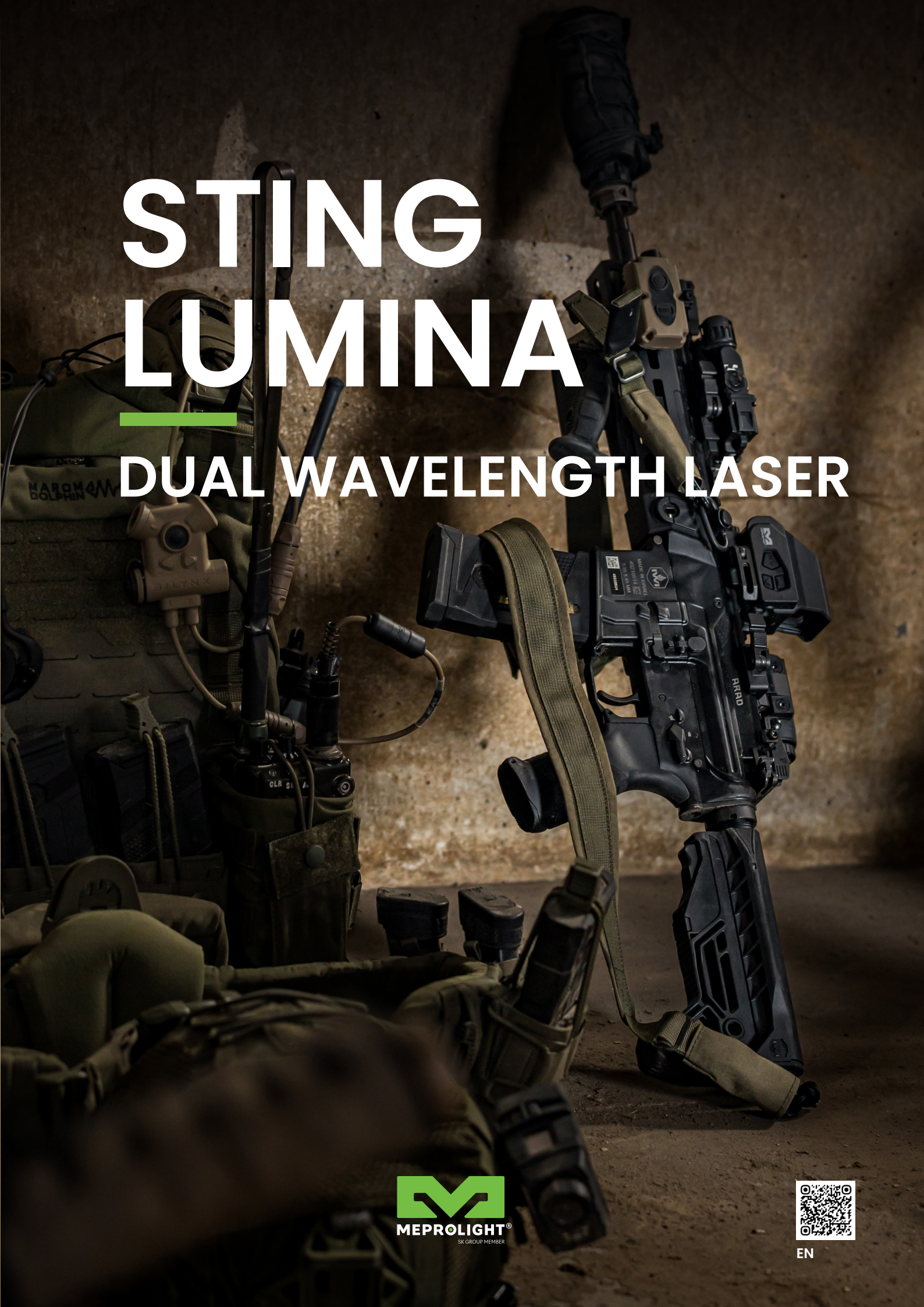


STING LUMINA

DUAL WAVELENGTH LASER

MEPROLIGHT®
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STING LUMINA

The Sting Lumina is a compact, durable, and high-precision dual-laser system with an integrated infrared illuminator; designed in close collaboration with special forces focusing on simplicity of use and reliability it enables efficient operations in any tactical and environmental conditions.



Sting Lumina, combining visible and infrared (IR) lasers, and an integrated IR illuminator in a single compact and rugged platform, represents the ultimate generation of tactical laser devices. Designed in close collaboration with elite units, the product series offers an effective solution for low-light, complete darkness, and day & night CQB operations in variable ranges.

Equipped with top-notch, narrow-beam pointers, a single high-precision zeroing system for both lasers, and an IR illuminator featuring an adjustable beam angle, the Sting Lumina allows for seamless target acquisition and accurate target engagement, marking targets at short & long ranges at night, and IR area-illumination in no-light or low-light urban warfare scenarios. Extra-wide-angle illumination is supported using a diffusing filter. The Sting Lumina, fully compatible with last-generation night-vision devices, has it all!

Intuitive and Easy Control Under Stress

A particularly important challenge in designing any function-rich military product is its user interface; combat conditions involve high stress and fatigue while still requiring the user to rapidly respond to changing tactical situations. Featuring fully ambidextrous top-positioned and intuitive controls with a physical separation between visible and IR laser functionalities, as well as a separate switch for system's output power, with the Sting Lumina, changing modes and efficiently operating the system without the need to observe its controls is effortless. Such "blind operation" augments users' survivability, and, complemented by two multi-color LED indicators, also provides concise and constant awareness of system's mode & status including a low-battery alert.

A remote-control cable that can be easily attached to weapon's side Picatinny rails or assault grips enables activation and switching between constant and momentary modes without altering shooting position.

Operational Flexibility, Durability, and Reliability

The Sting Lumina can be provided in different visible & IR laser & illuminator configurations; visible laser can be green or red while power outputs may range from Class 1 (fully eye-safe) to higher-power lasers required for longer-range operations.

Built for the harshest conditions, Sting Lumina meets full MIL-STD-810 requirements for shock, vibration, and environmental resistance. It mounts directly to any MIL-STD-1913 Picatinny rail via a quick-release mechanism and is powered by a single AA battery providing over 6 hours of continuous operation with the IR laser and illuminator simultaneously operating in high output mode.

STING LUMINA



STING LUMINA

- Dual Wavelength Laser Pointer and IR Illuminator
- Lightweight

ADVANTAGES AND BENEFITS:

- Combines a visible (red or green) laser, IR laser, and adjustable IR illuminator to suit any operational scenario.
- Single high-precision zeroing mechanism for simultaneous alignment of both aiming lasers; focused lasers provide small on-target spot for accurate target engagement even at longer ranges.
- Beam adjustable IR flashlight supporting wide-angle and long-range focused illumination with a separate alignment system.
- Fully ambidextrous, top-positioned controls complemented by a QD remote-control cable.
- Easy double-tap switching between constant and momentary modes using top button or remote-control cable.
- Locking mechanism for high-power and visible modes ensures safety in training and prevents detection by hostile forces at night.
- Clear mode, status, & battery power indication by two side-positioned multi-color LEDs .
- IR illuminator with user-programable pulse mode for intra & inter force signaling.
- Unique design of controls enables easy and intuitive “blind” operation for easy operation under stress and improved survivability.

KEY FEATURES:

- Powered by a single “AA” battery (Alkaline, Lithium, or Rechargeable) for simplified logistics and reduced LCC.
- IR illuminator’s optional diffuser provides extra-wide beam angle for CQB scenarios.
- More than 6 hours of continuous operation in dual-high mode (Lithium AA).
- Auto shut OFF if lasers are left in continuous mode for over 5 min. to avoid unintentional battery depletion.
- No rear-positioned controls, supports positioning close to other devices for optimal utilization of rail space.
- Side-located LED indicators ensure clear status awareness even when mounted in front of other optics.
- Available with standard or secured quick-release Picatinny (MIL-STD 1913) adapter.
- Remote-control cable can be mounted on assault grips or attached to Picatinny rails with provided clip.
- Compact and robust, made of 6061-T6 aircraft-grade Aluminum; MIL-STD tested and proven in extreme field conditions.

IR LASER POINTER

IR ILLUMINATOR

VISIBLE LASER POINTER

MIL-STD

WITHSTANDS HEAVY RECOILS





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