



## Long-Range High-Intensity Xenon Searchlight

SET BEAM is a compact searchlight that emits a high-power, focused long-range beam from a lightweight, ruggedized enclosure. SET BEAM's condensing lens design prevents the distracting "side lobe" (scattered-light) effect typical of standard reflector-based projectors, rendering a higher quality, longer range beam. The operator can opt for a continuous zoom (narrow-wide-narrow) that can "jump" to a pre-set SPOT position by merely pressing a button.

SET BEAM enables the detection of man-size objects at ranges exceeding 1 km, and can be used for long-range illumination, search and target acquisition as well as for specific pin-point target designation. The system can be hand-held, heavy weapon-mounted or vehicle-mounted, according to operational needs.

- Fault-free, reliable operation under adverse environmental conditions.
- Ideal for non-mobilized & mobilized forces, infantry, armoured units, marine and airborne platforms, and for border security and peacekeeping scenarios.

- ☞ FLASH and SPOT modes
- ☞ Continuous beam (narrow-wide-narrow)
- ☞ 24V DC Power Supply Unit
- ☞ Fully compliant with US MIL-STD-810
- ☞ Optional remote control
- ☞ Optional filter for Visible or IR beam



## SET BEAM

### Technical Characteristics

#### Optical

Intensity	900 lux (min) at 40 m (narrow beam)
Beam Divergence	1.0° to 2.5° + SPOT position
Light Source	150 W short-arc Xenon lamp

#### IR Filter (Optional)

Type	Colored filter glass
Wavelength	830 nm cut-on

#### Electrical

Power source	24V DC standard; High-efficiency power switching regulator type
Current Consumption	10A
Flashing Rate	7 flashes/sec
Thermal Protection	Power cut-off when Power Supply Unit temperature exceeds +63°C

#### Physical

##### Dimensions (LxHxW)

- Searchlight	320 x 135 x 92 mm
- Power Supply	160 x 110 x 230 mm
- Remote Control Unit	119 x 32 x 76 mm

##### Weight

- Searchlight	3.2 kg
- Power Supply	3.5 kg
- Remote Control Unit	0.5 kg

#### Environmental

Complies with MIL-STD-810

