

MIR175

ULTRA HIGH-INTENSITY SEARCHLIGHT

THE MR175 IS THE WORLD'S LEADING ULTRA HIGH-INTENSITY SEARCHLIGHT. IT OPERATES IN BOTH VISIBLE AND IR MODES MAKING IT IDEAL FOR AN ARRAY OF TACTICAL APPLICATIONS. DESIGNED TO ENDURE THE MOST DEMANDING OF CONDITIONS, THIS HIGHLY ADVANCED AND VERSATILE HAND-HELD SEARCHLIGHT WILL PROVIDE UNRIVALLED ILLUMINATION OF A TARGET AT LONG RANGE.

TYPICAL APPLICATIONS

Uniform target illumination in either visible or IR for:

- Surveillance
- Counter terrorism
- Crowd control
- Sniper suppression
- Reconnaissance
- Illumination from a safe distance for front line operations

FEATURES

- Range: 3km / 1.88 miles illumination
- Can be handheld with the battery pack carried on the operator's back
- Light weight and user-friendly
- High and low beam settings
- Adjustable beam spread
- Fitted to a tripod or hand operated from the vehicle battery
- Picatinny rail for multiple add-ons
- Collimated light beam with uniform field of illumination
- Operates from 12 - 30VDC
- Reverse polarity protection
- Strobe (8Hz)
- Over-temperature protection
- Rechargeable lithium polymer battery

MEGARAY BEAM SPREAD

	2' Spot	6' Flood
3000 m 3290 yds	175 m 191 yds	525 m 574 yds
2000 m 2187 yds	70 m 77 yds	210 m 228 yds
1000 m 1094 yds	35 m 38 yds	105 m 109 yds
500 m 547 yds	17 m 19 yds	50 m 55 yds
200 m 218 yds	7 m 8 yds	21 m 22 yds
100 m 109 yds	3.5 m 4 yds	10 m 11 yds
	Beam Diameter	



SAE SYSTEMS

THE WORLD'S BEST ULTRA HIGH-INTENSITY SEARCHLIGHT

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STANDARD SYSTEM CONSISTS OF

- 1 MR175 unit
- 2 Shoulder strap
- 3 Shipping and storage soft case
- 4 Operator and Organizational Maintenance Manual
- 5 Battery charger
- 6 Battery vest
- 7 Rechargeable lithium polymer battery



OPTIONAL EXTRAS

- 1 Covert IR filter (930nm)
- 2 Semi covert IR filter (850nm)
- 3 Clear spreading lens (74°)
- 4 External power cable with alligator clip ends
- 5 Hard carry case (Pelican type)



TECHNICAL SPECIFICATIONS

ITEM	DATA
Light Intensity	11 million candela (peak)
Light Source and Colour	
Source	175W short arc xenon bulb
Colour Temperature	5900 Kelvin
Beam Divergence	
Spot Mode	2°
Flood Mode	6°
Power Supply	
Input Voltage Range	12 - 30VDC, 230W (input maximum)
Current Rating	16A (min)
Battery	
Battery Type	Rechargeable lithium polymer
Operating	
Charging:	0°C to +45°C / +32°F to +113°F
Discharging:	-20°C to +60°C / -68°F to +140°F
Storage (longer than 2 weeks):	-20°C to +45°C / -68°F to +113°F
Battery Life (per cycle) at 23°C / 73°F	
Continuous High Beam	100 min
Continuous Low Beam	180 min
Strobe Beam	210 min
Recharge Time	5 hours (approx)
Weight	
Light Unit	8.6 lbs / 3.9 kg
Battery and Vest	7.7 lbs / 3.5 kg
Dimensions: Light Unit	
Length (flood mode)	16.1 in / 410 mm
Length (spot mode)	19.7 in / 500 mm
Height	11.8 in / 300 mm
Diameter (top body)	4.1 in / 104 mm
Battery Charger	
Input Voltage	100 – 240VAC 50 – 60Hz
Output Current	25.5VDC at 4A

SOME ADD ON'S



Scope with video transmitter and receiver with monitor