

MIR2300

ULTRA HIGH-INTENSITY SEARCHLIGHT

THE UNIQUE ENGINEERING OF THE MR2300 ALLOWS IT TO BE MOUNTED ON MACHINE GUNS, TANKS, APC'S, AND SIMILAR PLATFORMS FOR SPECIAL PURPOSE TACTICAL OPERATIONS. THIS DISTINCTIVE SEARCHLIGHT WILL ALLOW FOR ILLUMINATION SEVERAL KILOMETERS/MILES AWAY IN BOTH IR AND VISIBLE LIGHTS WITH OPTIONAL BEAM SPREAD. ITS ONE OF A KIND OPTICAL SYSTEM PROVIDES UNIFORM LIGHTING OF TARGET AND ITS SURROUNDINGS. THE UNIT CAN BE OPERATED BY REMOTE SWITCHES OR SOFTWARE.



TYPICAL APPLICATIONS

- Target suppression
- Vehicle or machine gun mounted for target illumination
- Counter terrorism
- Border control
- Crowd control
- Reconnaissance
- Crew Served Weapons Light (CSWL)

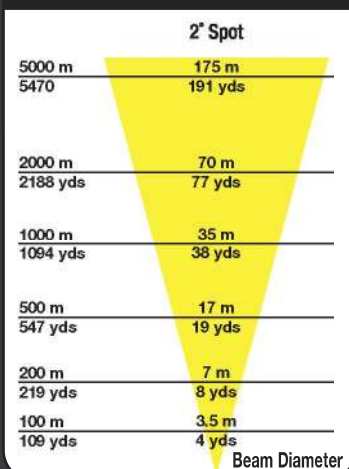
FEATURES

- Range: 5km / 3.1 miles illumination
- Can be fixed to a heavy calibre machine gun, vehicle, tripod-mounted in a stand-alone configuration or used with picatinni rail or clamp.
- Light weight and user-friendly
- Fixed beam spread
- Simple high | strobe | off beam settings
- Collimated light beam with uniform field of illumination
- Operates from 18 - 32VDC external power
- Reverse polarity protection
- Strobe (8Hz)
- Over-temperature protection
- Optional rechargeable lithium polymer battery
- All optics are anti-reflective coated



MR2175 MOUNTED ON DILLON MACHINE GUN WITH IR FILTER DEPLOYED

MEGARAY BEAM SPREAD



UNIT COMPLIES TO MIL-STD-810 G

- Shock (516.5)
- Vibration (514.5)
- Dust (510.5)
- Rain
- Salt spray
- Altitude
- Humidity
- Operating Temperature - extended range (502.5-1)
- Storage Temperatures - extended range (502.5-1)

THE WORLD'S BEST ULTRA HIGH-INTENSITY SEARCHLIGHT

MEGARAY[®]
SEARCHLIGHTS

MIR2300

ULTRA HIGH-INTENSITY SEARCHLIGHT

- 1 MR2300 UNIT WITH SEMI COVERT IR FILTER
- 2 CONTROL BOX
- 3 CONTROL BOX INTERFACE CABLE
- 4 MOUNTING BRACKET
- 5 POWER SUPPLY UNIT
- 6 LIGHT HEAD INTERFACE CABLE



OPTIONAL EXTRAS

- 1 CARRY BAG WITH BATTERIES X 2 AND CHARGER
- 2 COVERT IR FILTER (930nm)
- 3 CLEAR SPREADING LENS (74°)
- 4 CUSTOMER SPECIFIED EXTERNAL SWITCHING (GUNNER SWITCH)
- 5 EXTERNAL POWER CLIP CABLE 2-3 METRES



TECHNICAL SPECIFICATIONS

ITEM	DATA
Light Intensity	
7029 Lumens (Average)	
Xenon Lamp manufacturers rating: 25 Lumens/watt (Average)	
Light Source and Colour	
Source	300W short arc xenon bulb
Colour Temperature	5700 Kelvin
Beam Divergence	
Standard	2°
Optional lens	74°
Strobe Frequency	
8Hz	
Lens System	
Complex Galilean telescope	
IR Filter	
Manually controlled interchangeable IR Filter	<ul style="list-style-type: none"> • Covert: 930nm • Semi covert: 850nm
Operating Temperature	
-39°C to 65° C / -5°F to 149°	
Battery life @ 23°C / 73.4°F	
High Beam	115 minutes (continuous)
Low Beam	210 minutes (continuous)
Battery Recharge	approx 10 hours
Weight	
Light Unit	2.2kg / 4.8lbs
Control Unit	1.4kg / 3.15lbs
Battery & bag	5 kg / 11 lbs
Dimensions	
Length	388mm / 13.85 inches
Power Source	
External Power Source	18V - 32VDC at 200W
Battery Type	Lithium polymer rechargeable battery

OPTIONAL COLOURS



Standard colour Black. Other colours available

* As part of our policy of continuous product improvement we reserve the right to change specifications at any time. Not to be used as a legal document.

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