

MIR2175

ULTRA HIGH-INTENSITY SEARCHLIGHT

THE UNIQUE ENGINEERING OF THE MR2175 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 LIGHT WITH OPTIONAL BEAM SPREAD. ITS SPECIALLY DESIGNED OPTICAL SYSTEM PROVIDES UNIFORM LIGHTING OF TARGET AND ITS SURROUNDINGS. THE UNIT CAN BE OPERATED BY REMOTE SWITCHES OR SOFTWARE.



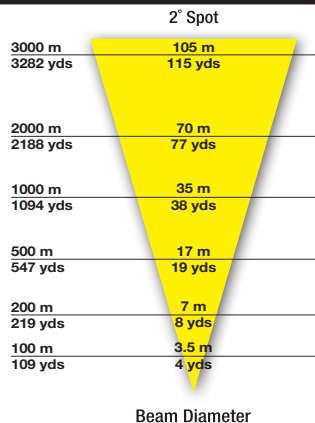
TYPICAL APPLICATIONS

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

FEATURES

- Range: 3km / 1.6 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
- Can be externally switched by software or hardware

MEGARAY BEAM SPREAD



UNIT COMPLIES TO MIL-STD-810 G

- Shock
- Vibration
- Dust
- Rain
- Salt spray
- Altitude
- Humidity
- Operating Temperature
- extended range
- Storage Temperatures
- extended range



MR2175 MOUNTED ON DILLON MACHINE GUN
WITH IR FILTER DEPLOYED



THE WORLD'S BEST ULTRA HIGH-INTENSITY SEARCHLIGHT

MIR2175

ULTRA HIGH-INTENSITY SEARCHLIGHT

STANDARD SYSTEM CONSISTS OF

- 1 MR2175 UNIT
- 2 CONTROL BOX WITH CONNECTING CABLE
- 3 POWER CABLE (3m)
- 4 SEMI COVERT FILTER
- 5 MOUNTING BRACKET



OPTIONAL EXTRAS

- 1 CARRY BAG AND BATTERY
- 2 CHARGER
- 3 COVERT IR FILTER (930nm)
- 4 CLEAR SPREADING LENS (74°)



TECHNICAL SPECIFICATIONS

ITEM	DATA
Light Intensity	
Average:	25 Lumens per Watt
Manufacturer's Verification	Average of 4375 Lumens
Light Source and Colour	
Source	175watt short arc xenon lamp
Colour Temperature	5600 Kelvin
Beam Divergence	
Standard	2°
Optional filter	74°
Strobe Frequency	
8Hz	
Lens System	
Galilean telescope	
IR Filter	
Flip over IR filter by hand on the front of the light unit for covert and semi covert use	<ul style="list-style-type: none"> Covert: 930nm Semi covert: 850nm
Operating Temperature	
- 39°C to 65°C / -5°F to 149°F	
Battery Life (per cycle) at 23°C / 73°F	
Continuous High Beam	115 min (continuous)
Strobe Beam	210 min (continuous)
Recharge Time	4 hours (approx)
Weight	
Light Unit	2.2kg / 4.8lbs
Control Unit	1.4kg / 3.15lbs
Battery & bag	2.5kg / 5.5lbs
Dimensions	
Length (spot mode)	388mm / 13.85 inches
Diameter	135mm / 5.29 inches

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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