

MILLENNIUMTM WeaponLightsTM



Models **M500A** and **M500B** for Colt Carbines
Models **M510A/M511A** and **M510B/M511B** for Colt Rifles

SUREFIRE
by LASER PRODUCTS

MILLENNIUM

Never before has there been such a combination of performance and features in any WeaponLight™ system.



Model M500A



Model M500B

In the ever increasing range of threats that law enforcement officers face in today's world, "Lethal Force Encounters" inevitably occur. Recognizing this reality, every professional should have the best possible tools and training to prevail.

The SURE-FIRE Millennium™ M500 series WeaponLights™ are the most powerful and effective lights yet designed for Colt carbines and rifles, providing unparalleled illumination and blinding capability.

In both the **M500** series for carbines, and the longer **M510/11** series for rifles, the light is generated by a lithium battery-powered lamp module, which simply screws into the "housing" portion of the upper fore-end. Two different (interchangeable) lamp modules are offered, one using three lithium batteries, and the other using six. The batteries are held three abreast in their respective carriers, which keeps the systems short.

The "A" Models : The lamp module which uses three lithium batteries is our "**Operations**" light lamp module, Model ML10. We supply two lamp assemblies with this system, our Models MN10 and MN11. The MN10 produces approximately **125 lumens** of light and runs for over an hour. The MN11 produces about twice as much light, **225 lumens**, and runs for approximately twenty minutes.

The "B" Models The lamp module which uses six lithium batteries is our "**Magnum Light**" lamp module, the Model ML20. This lamp module, with its larger reflector and higher power, is designed to provide the maximum blinding effect (which also maximizes the light's "range"), still keeping system size, weight, and battery consumption within reasonable limits. Like the "A" models, we supply two lamp assemblies with the system. They are the MN20, which produces about **250 lumens of light** and runs for over an hour, and the MN21, which produces about twice as much light, an incredible **500 lumens**, and runs approximately twenty minutes on six lithium batteries.

Changing Power Levels

Having two lamp assemblies not only provides you with a spare, but allows you to trade off light output against run time according to the nature of your mission. Changing lamp assemblies is easy. Simply unscrew the bezel and slide the old unit out and replace it with the new one. Then screw the bezel back on. There is nothing to adjust, as all SURE-FIRE lamps are precision focused, as an assembly, at the factory.

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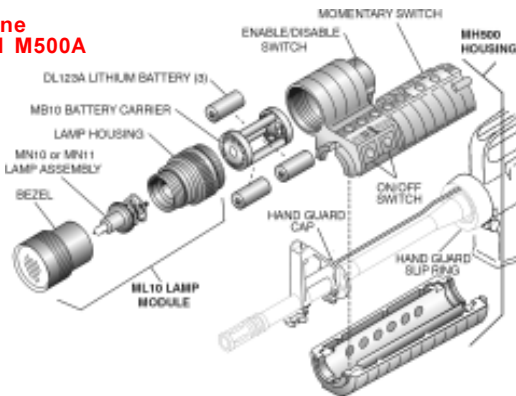
The new SURE-FIRE 500 series WeaponLight systems fit all Colt carbine and rifle models (also most clone models), replacing the upper and lower fore-ends. The switches and light assemblies are all built into the upper fore-end, so there are no exposed wires. The lamp module is located at the 1:30 o'clock position, where it clears the barrel and doesn't block your field of view or front sight.

The light is controlled by three different switches: Momentary, Constant On, and Disable, each correctly located according to its function and ergonomically designed to allow effortless use while handling and shooting the weapon.

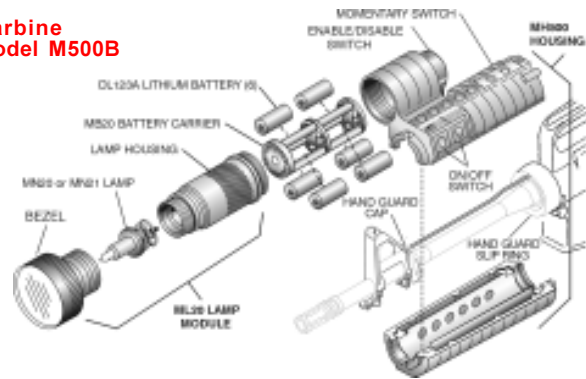
These WeaponLights are O-ring sealed, waterproof, and shock-isolated for dependable performance in all environments.

SPECIFICATIONS	M 500 A , M 510 A / M 511 A		M 500 B , M 510 B / M 511 B	
	ML10		ML20	
Lamp Module				
Lamp Assembly (both supplied)	MN10	MN11	MN20	MN21
Light Output Rating (Lumens)	125	225	250	500
Run Time (Minutes)	60	20	60	20
Bezel Diameter (Inches)	1.62		2.50	
Battery Carrier (Model No.)	MB10		MB20	
Types of Batteries	3-volt 2/3A size Lithium manganese dioxide Duracell DL123A or equivalent			
Number of Batteries *	3		6	
Switch Types: Momentary	Linear Pressure Switch			
Constant ON	Rocker Switch			
Disable	Rotary Switch			
Fore-end Information	Both Upper & Lower Supplied			
The fore-ends, both upper and lower, are molded out of an ultra tough, high temperature resistant, black polyamide composite material. The internal components are aluminum, including the heat shields, and the carbine models utilize the same dual heat shield design used on the M4 carbine.				
Total System Weight Added	13.0 oz. for carbine		17 oz. for carbine	
(Weight of stock fore-ends subtracted)	20.8 oz. for rifle		26 oz. for rifle	
Environmental	O-Ring Sealed & Waterproof			
* Batteries included.				

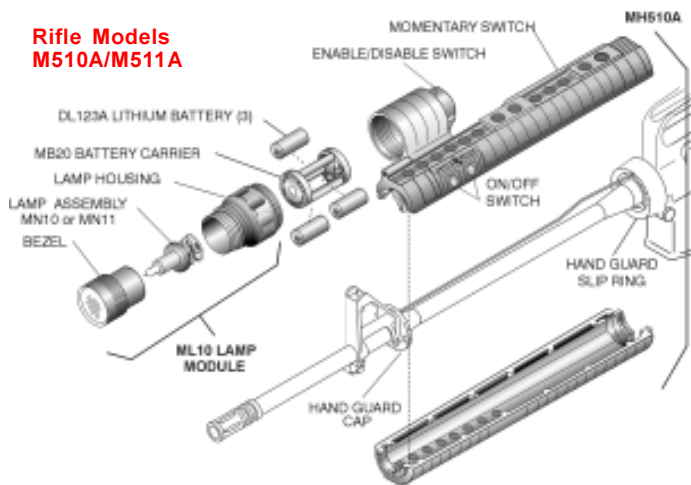
**Carbine
Model M500A**



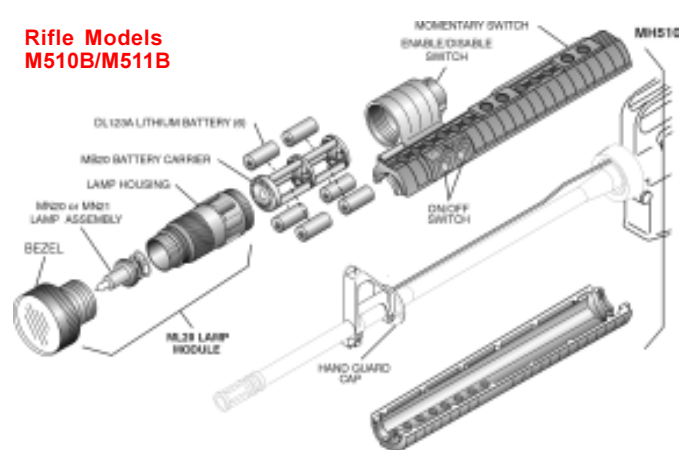
**Carbine
Model M500B**



**Rifle Models
M510A/M511A**



**Rifle Models
M510B/M511B**

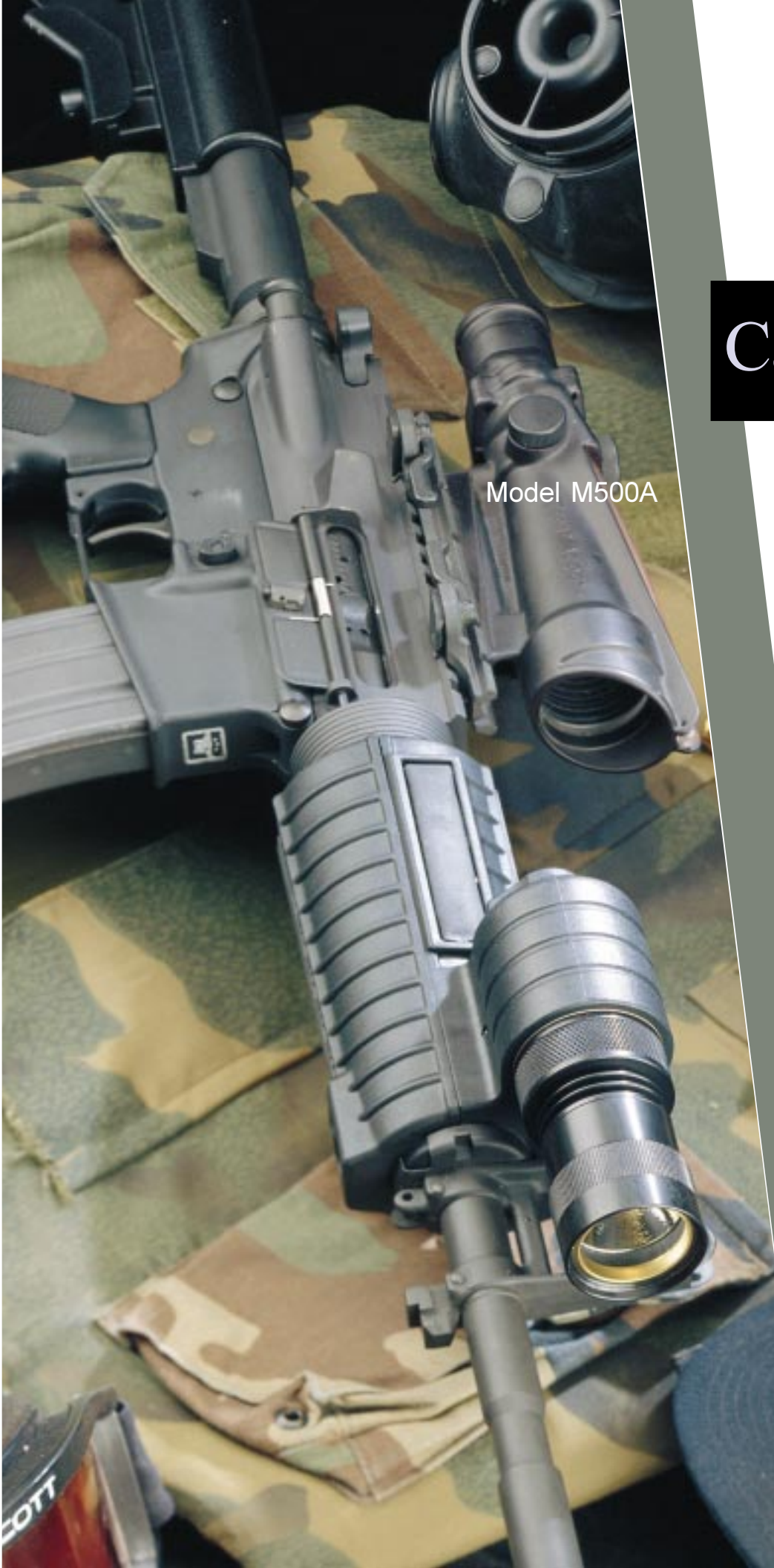


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Carbines

Model M500A



For
Rifles

Model M510A



The Operational Light - A Series (500-511A) Uses three lithium batteries.

125 Lumens

Using the MN10
Extended (1 hr.) run-time
Lamp Assembly.

225 Lumens

Using the MN11
MAX Lamp Assembly.

(Both lamp assemblies are supplied with the Models M500A and M510A.)

The "A" series provides the optimum amount of light power and the optimum beam spread for finding and evaluating suspects at distances typically encountered inside buildings or in built-up urban areas.

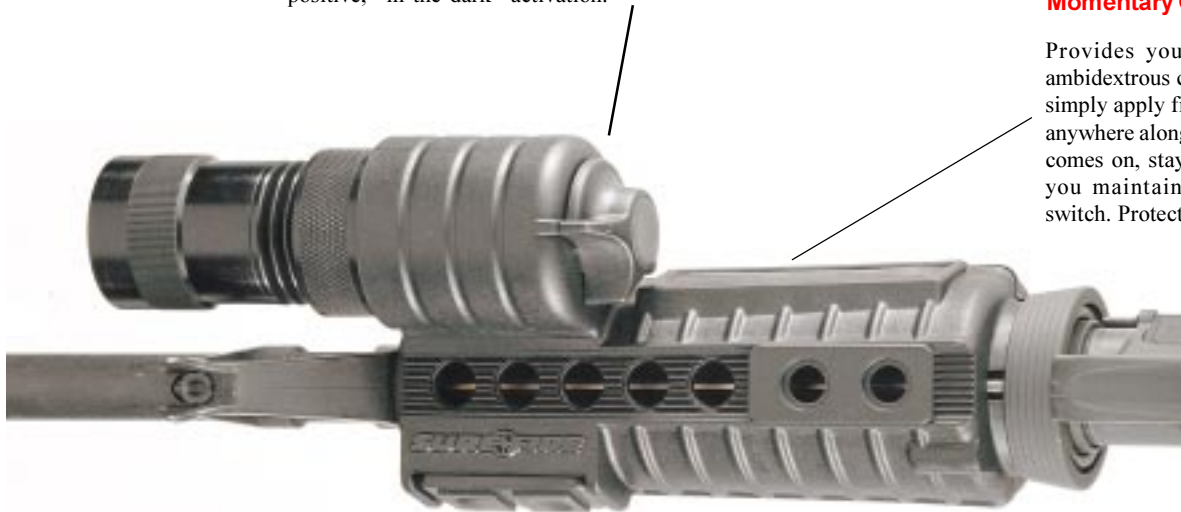
The "A" series WeaponLights provide over twice the light output and blinding effect of any previous SURE-FIRE six or nine volt tactical light.

Disable Switch

Turns off the other two switches. It is used to assure that you don't accidentally turn your light on during a critical time where light discipline must be maintained, or to prevent accidental light turn on during storage or transportation of the weapon. Ergonomic rotary knob for positive, "in the dark" activation.

Momentary ON/OFF Switch

Provides you with instantaneous, ambidextrous control of the light. You simply apply finger or thumb pressure anywhere along its length and the light comes on, staying on only as long as you maintain the pressure on the switch. Protected by a side rail.



Constant ON (Rocker) Switch

Low noise/ friction design, protected by side rail. Allows you to turn the light on and have it stay on until you turn it off, using the same switch. This switch allows you to keep the light on when you have to remove your support hand from the weapon's fore-end, or to keep the light on without having to continually maintain pressure on the momentary switch.

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The Magnum Light - B Series (500-511B) Uses six lithium batteries.

250 Lumens

Using the MN20
Extended (1 hr.) run-time
Lamp Assembly.

500 Lumens

Using the MN21
MAX Lamp Assembly

(Both lamp assemblies come standard with the M500B , M510B & M511B)

The "B" series provides the optimum light for controlling and overcoming hostile suspects, and for operations outside buildings and in rural areas, where longer distances are involved.

The "B" series WeaponLights have ten times the blinding power of any previous SURE-FIRE six or nine volt tactical light...enough to completely, although temporarily, take away the vision of a suspect in low light, at conversational distances and beyond.



On "B" Models, the Magnum Lamp Module replaces "A" type Operational Lamp Module

The difference between the M510 series and the M511 series.

The only difference between the 510 series and the 511 series is that the Models M510A and B fit rifles with round hand guard caps, while the Models M511A and B fit older rifles with triangular hand guard caps.



Models M510A and M510B fit Colt Rifles with round hand guard caps



Models M511A and M511B fit Colt Rifles with triangular hand guard caps

Battery Carriers

The SURE-FIRE Carbine and Rifle models feature new cylinder-type battery carriers which hold three or six individual lithium batteries.

This allows use of standard, commercially available DL123A lithium batteries and eliminates the need for special, multi-cell battery packs previously required to avoid recoil-related damage. The batteries are held three abreast which keeps the system short.

