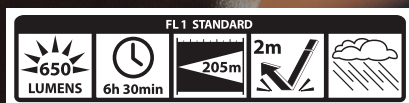




Matrix®



- Aluminum Frame
- Polymer Body
- Foamed Vinyl Grip
- Dual Fuel 18650 or CR123A
- Two Level Output
- USB-C Charge Port
- Battery Capacity Indicator

The polymer Matrix adds a USB-C charge port, internal charge circuit and Lithium-ion power cell to the signature ASP duty design. A foamed vinyl grip complements a black polymer body. A machined aluminum core and reflector dissipate heat. The four cut switch rotates to an Intermittent • Locked • Constant position. The Pocket Clip may be attached lens up or lens down. All connectors and springs on the Matrix are gold plated. The electronic circuit board drives a Cree XPG LED. A 15 lumen second level is accessed by pressing the activation button twice rapidly.

The USB-C charge port of the Matrix is surrounded by a charge indicator. Attach the included heavy duty custom braided retractable charging cable to a car charger, wall charger or USB port. USB-C cell phone chargers may also be used to recharge the Matrix. The charge indicator will blink red when charging and turn solid green when fully charged.

The Battery Capacity Indicator shows real-time charge status while the 18650 battery is in use. Press the tail switch. A green light indicates over 50% charge remaining, yellow means 20% to 50% and red alerts you that less than 20% remains.

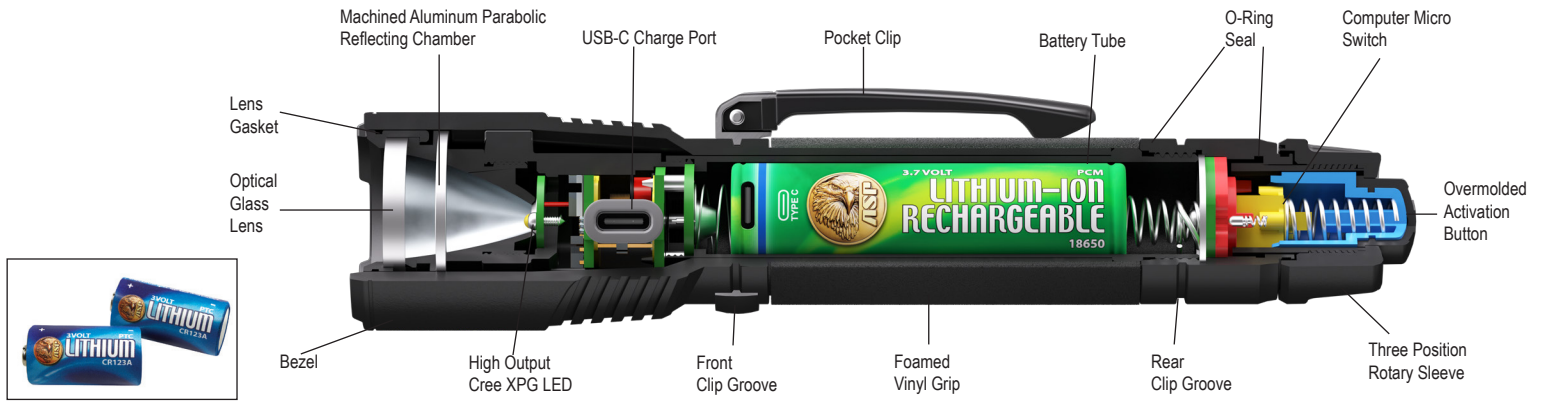
Dual Fuel Technology of the Matrix allows use of CR123A primary cells. The batteries are unaffected by the Matrix charge circuit.

Rapid to charge. Simple to use. The Matrix by ASP. Simply Brilliant.



Double Tap

Matrix . . . Simply Brilliant



The Matrix can also be powered by two CR123A batteries.

Background

- Designed to professional law enforcement standards
- Ordnance polymer construction
- Single button access
- Precision injection molded
- Machined aluminum core
- No sharp edges
- O-ring sealed for maximum water resistance
- Distinct profile
- Dual Fuel (18650 or CR123A)

Specifications

Length	6.75"	171.5 mm
Diameter	1.4"	35.6 mm
Weight	5.3 ounces	150.3 grams
	(with batteries)	
System	3.7 volt	
High Output	650 lumens	
Low Output	15 lumens	
High Run Time	6 hours 30 minutes	

Body

- Ordnance polymer
- Black finish
- Machined aluminum frame
- Molded threads for durability
- Foamed vinyl grip
- Front clip groove
- Rear clip groove

Pocket Clip

- Detachable
- Reversible

Charging Accessories are ASP designed to provide peak performance with a compact profile.



ASP 18650 batteries feature an integrated USB-C charge port.

Power Cell

- Proprietary
- Rechargeable
- 18650 Lithium-ion battery
- Integrated USB-C charge port
- 3.7 volt
- 3500 mAh
- PTC protected
- PCM protected
- Overcharge protection
- Fast discharge protection
- Short circuit protection
- Leak proof
- Vibration resistant
- Ten year shelf life
- Link case

Charge System

- USB-C
- Flashing red charging
- Solid green fully charged

Battery Capacity Indicator

- Senses remaining power
- Rechargeable battery only
- Press activation button
- Green > 50%
- Yellow 20% - 50%
- Red < 20%

Power Cell Tube

- Foamed vinyl grip
- O-ring sealed

Locking Switch

- Back mounted
- Quick and positive switch location under stress
- O-ring sealed activation button
- Locked (center)
- Constant on/off switch activation (right)
- Intermittent switch activation (left)
- O-ring sealed switch cover
- PC board positive circuit contact
- Sensitive and quiet switch activation
- Computer micro switch controlled
- Self-cleaning (no carbon buildup)
- Fail safe (backup) switch circuits
- Replaceable modular switch assemblies
- O-ring sealed connection to the light body
- Rotate one full turn to prevent accidental activation

Reflector Assembly

- Parabolic Machined Aluminum
- Extremely durable
- Computer calculated ray traces
- Long distance penetrating beam
- Room illuminating halo
- Tempered optical glass lens
- Gasket sealed

LED Assembly

- Cree XPG LED
- Proprietary heat management
- Custom driver
- Smart chip technology
- Gasket sealed

Belt Case

- Injection molded

Warranty

- Limited Lifetime



The Pocket Clip may be attached to either the bezel or the switch end of an ASP light.

SWITCH ACTIVATION



NOTE: Use only ASP 18650 Lithium-ion rechargeable batteries with Matrix Lights

ASP
Simply Brilliant