Princeton Tec

Personal Lighting Products

2023 Tactical Collection

We Create Light Where There is Darkness

Since 1975, Princeton Tec has developed products for the professional and the outdoor sports enthusiast. Princeton Tec's 47 year journey has pushed the limits of self-discovery and provided light for those who have explored all ends of the Earth. The spirit of adventure and history of meeting challenges continue to drive the growth and development of Princeton Tec and its products.

Contents

Velcro

Headstrap

MOLLE / PALS

Charge X

MOUNTING OPTIONS

Charge X uses a versatile mounting system which allows for secure attachment to helmet rail systems or MOLLE/PALS. Once the light is in place, its flexi-neck design allows you to direct light wherever it is needed.

Helmet

Above Rail

Exfil® Rail

ARCs

M-LOK® *New*

Charge X *New*

Dual-Fuel
Charge X is powered by either a CR123 lithium battery or single-use AA batteries.

Flexi-Neck Design
Allows for simple and accurate spot illumination that adapts to the task at hand.

Programmable
Set and change the order in which the colored LEDs appear upon activation for highly personalized performance.

Specialty Color LEDs
Along with a dimmable white light, Charge X also provides red, green, blue, and IR light.

TAN	OD	BLACK
C23-TN	C23-OD	C23-BK

100 LUMENS | **40h** RUNTIME | **47** GRAMS | **IPX7** WATERPROOF | **1 CR123** LITHIUM OR **1 AA** ALKALINE | MADE IN **USA**

LED COLORS

IR

Picatinny

MOLLE / PALS

Switch RGB

MOUNTING OPTIONS

Designed to be fast and effective, the MPLS Task lights can be off your helmet and onto your weapon, MOLLE or gear strap in a matter of seconds with the included component pieces. The mounts stay secured, while the small MPLS helmet task light does the moving.

Helmet

Above Rail

Hat Clip

ARCs

M-LOK® *New*

Switch **RGB** *New*

Large Glove-Friendly Button
Switch's large, easy to find button is ideal for simple and quick activation.

Flexi-Neck Design
Allows for simple and accurate spot illumination that adapts to the task at hand.

Programmable
Set and change the order in which the colored LEDs appear upon activation for highly personalized performance.

Specialty Color LEDs
Specialty Color LEDs Along with a dimmable white light, Switch RGB also provides red, green, blue, and IR light.

LED COLOR
| R/G/B/W | SWITCH-RGB-TN |
| R/G/B/IR | SWITCH-RGBIR-TN |

TAN

LED COLOR
| R/G/B/W | SWITCH-RGB-OD |
| R/G/B/IR | SWITCH-RGBIR-OD |

OD

LED COLOR
| R/G/B/W | SWITCH-RGB-BK |
| R/G/B/IR | SWITCH-RGBIR-BK |

BLACK

| **10** LUMENS | **16h** RUNTIME | **17** GRAMS | **IPX4** WATER RESISTANT | **2 2016** COIN CELLS | MADE IN **USA** |

LED COLORS

● ● ●   ⚪ OR IR

Switch Rail

Two Modes

Provides momentary or constant on lighting options for adaptability to the situation.

Large Glove-Friendly Button

Switch Rail MPLS's large, easy to find button is ideal for simple and quick activation and mode shifting.

	LED COLOR	
TAN	IR/RED	SR-IRR-TAN
	IR/WHITE	SR-IRW-TAN
	WHITE	SR-1-TAN

	LED COLOR	
BLACK	IR/RED	SR-IRR-BK
	IR/WHITE	SR-IRW-BK
	WHITE	SR-1-BK

30 LUMENS	**5h** RUNTIME	**22** GRAMS	**IPX7** WATERPROOF	**2 2016** COIN CELLS	MADE IN **USA**

LED COLOR OPTIONS

IR ●   IR ○   ○ ○
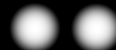
NVG Mount

Headstrap

MOLLE / PALS

MPLS Headlamps

MOUNTING OPTIONS

Our **MPLS** headlamps are equipped with an **NVG** adapter plate for helmets, designed to quickly and securely attach and detach the light from **NVG** mounts. **MPLS** headlamps also include a **MOLLE** bracket that allows for attachment to a wide variety of gear for hands-free operation when helmet mounting is not an option.

Vizz RGB MPLS *New*

Waterproof
Rated IPX7, withstanding water submersion of up to one meter.

Digital Lockout
Vizz RGB can be locked when not in use to prevent accidental activation and unnesecary battery drain.

Specialty Color LEDs
Along with white, Vizz RGB also provides red, green, and blue light.

MULTICAM
VIZZ23-RGB-MPLS-MC

TAN
VIZZ23-RGB-MPLS-TN

BLACK
VIZZ23-RGB-MPLS-BK

550 LUMENS	75h RUNTIME	92 GRAMS	IPX7 WATERPROOF	3 AAA ALKALINE	MADE IN USA

PERFORMANCE

Modes	Runtime	Beam Pattern	Reserve
SPOT HIGH	2.5h		70
SPOT LOW	75h		30
RED	45 h		45
GREEN	55 h		100
BLUE	40 h		40
DISTANCE (m)		0 5 20 30 95	

Vizz Tactical MPLS

MPLS Mounting System
The headlamp can be mounted from head, helmet, or MOLLE for mission-critical adaptability.

Programability
Set and change the order in which the colored LEDs appear upon activation for highly personalized performance.

Waterproof
Rated IPX7, withstanding water submersion of up to one meter.

MULTICAM
VIZZ-MPLS-MC

TAN
VIZZ-MPLS-TAN

BLACK
VIZZ-MPLS-BK

550 LUMENS	66h RUNTIME	92 GRAMS	IPX7 WATERPROOF	3 AAA ALKALINE	MADE IN USA

PERFORMANCE

Modes	Runtime	Beam Pattern	Reserve
SPOT HIGH	4h		65h
SPOT LOW	66h		16h
IR	44h		-
RED	27 h		-
GREEN	44 h		33h
BLUE	56 h		-

DISTANCE (m)	0	5	12	16	17	85

Intrinsically Safe

Vizz II MPLS

ETL Rating
ETL Rating: Class I Division 1 & 2. Groups A, B, C, D & G

Elevated Button
With extended height, the activation and mode-cycling button is easily felt through gloves.

Three Modes
Vizz II MPLS features a spot beam, as well as high and low flood modes.

BLACK
VIZZ-II-MPLS

| 200 LUMENS | 102h RUNTIME | 92 GRAMS | IPX7 WATERPROOF | 3 AAA ALKALINE | MADE IN USA |

PERFORMANCE

Modes	Runtime	Beam Pattern	Reserve
SPOT HIGH	3.5h		30h
SPOT LOW	66		45h
FLOOD HIGH	7h		97h
FLOOD LOW	102h		6h
DISTANCE (m)	0 10 16 36 60		

Intrinsically Safe

EOS II MPLS

UL Rating
Class I Division 1
Groups A, B, C & D

Press and Hold Off
To avoid accidental deactivation, the button requires a press and hold action to turn it off.

Two Modes
With one simple button, switch between high and low spot beams.

BLACK
EOS-II-MPLS-BK

170 LUMENS	100h RUNTIME	105 GRAMS	IPX7 WATERPROOF	3 AAA ALKALINE	MADE IN USA

PERFORMANCE

Modes	Runtime	Beam Pattern / Dimmable	Reserve
SPOT HIGH	4h		76h
SPOT LOW	100h		8h
DISTANCE (m)	0	23 65	

Quad Tactical MPLS

MPLS Mounting System
The headlamp can be mounted from head, helmet, or MOLLE for mission-critical adaptability.

Three Modes
Quad Tac MPLS provides high, medium, and low flood modes.

Interchangeable Lens System
Provides your choice of white, red, green, or blue light.

MULTICAM	TAN	OD	BLACK	Interchangeable Lenses
QUAD-NOD-MC	QUAD-NOD-TAN	QUAD-NOD-OD	QUAD-NOD-BK	

78 LUMENS	**73h** RUNTIME	**96** GRAMS	**IPX7** WATERPROOF	**3 AAA** ALKALINE	MADE IN **USA**

PERFORMANCE

Modes	Runtime	Beam Pattern	Reserve
FLOOD HIGH	8h		72h
FLOOD MED	73h		19h
FLOOD LOW	60h		48h
DISTANCE (m)		0 17 24 50	

Remix Pro MPLS

MPLS Mounting System
Can be mounted from head, helmet, or MOLLE for mission-critical adaptability.

Asymmetrical Bracket
Rotates 180°, allowing the light to shine straight up and down.

CR123 Powered
Operated via a single CR123 battery for optimal cold weather per-formance and lighter weight.

BLACK	LED COLOR	
	R/W	RMX300PRO-NOD-RD-BK
	R/G/IR/W	RMX300PRO-NOD-RGI-BK
	R/B/IR/W	RMX300PRO-NOD-RBI-BK

TAN	LED COLOR	
	R/W	RMX300PRO-NOD-RD-TN
	R/G/IR/W	RMX300PRO-NOD-RGI-TN
	R/B/IR/W	RMX300PRO-NOD-RBI-TN

MC	LED COLOR	
	R/W	RMX300PRO-NOD-RD-MC
	R/G/IR/W	RMX300PRO-NOD-RGI-MC
	R/B/IR/W	RMX300PRO-NOD-RBI-MC

OD	LED COLOR	
	R/W	RMX300PRO-NOD-RD-OD

300 LUMENS	**17h** RUNTIME	**66** GRAMS	**IPX4** WATER RESISTANT	**1 CR123** LITHIUM	MADE IN **USA**

PERFORMANCE

Modes	Runtime	Beam Pattern	Reserve
HIGH SPOT	8h		2h
LOW SPOT	17h		.2h
HIGH FLOOD	10h		.2h
LOW FLOOD	49h		-

DISTANCE (m)	0	7	18	30	58

Snap Solo *New*

Removable Head Unit
Allows Snap to transform into a handheld light with its ability to detach from its base, and can be secured to any magnetic surface.

Dimmable Switch
With the quick press of a button, Snap can be easily dimmed or transitioned to flash mode.

Red LED
Red LED preserve night vision while providing light for close-up tasks.

MULTICAM
SNSOLO23-MC

TAN
SNSOLO23-TN

BLACK
SNSOLO23-BK/DK

450 LUMENS	**155h** RUNTIME	**99** GRAMS	**IPX4** WATER RESISTANT	**3 AAA** ALKALINE	**MADE IN** USA

PERFORMANCE

Modes	Runtime	Beam Pattern	Reserve
HIGH SPOT	6h		60h
LOW SPOT	100h		5h
WHITE STROBE	7H		-
RED	160h		60h
STROBE RED	105h		-
DISTANCE (m)	0 5 10	60	

Byte Tactical

Compact

The smallest and lightest of our headlamps at just 2.25 oz. Perfect for when low weight and comfortability are crucial.

Four Modes

Provides both high and low white spot beams, as well as a red beam.

3/4 Inch Headstrap

Byte Tactical features a slip headstrap that complements it's compact design

| MULTICAM | TAN | BLACK |
| BYT-TAC-MC | BYT-TAC-TN | BYT-TAC-BK |

| **200** LUMENS | **12h** RUNTIME | **64** GRAMS | **IPX4** WATER RESISTANT | **2 AAA** ALKALINE | MADE IN **USA** |

PERFORMANCE

Modes	Runtime	Beam Pattern	Reserve
HIGH SPOT	3.4h		55h
LOW SPOT	12h		61h
RED HIGH	66h		2h
RED LOW	140h		10h
DISTANCE (m)	0 1 3	23 39	

Quad Tactical

Three Modes
Quad Tactical provides high, medium, and low flood modes.

Large Button
Allows for quick and easy activation and mode-cycling.

Interchangeable Lens System
Provides your choice of white, red, green, or blue light.

MULTICAM	**TAN**	**OD**	**BLACK**	**Interchangeable Lenses**
QUAD-TAC-MC	QUAD-TAC-SD	QUAD-TAC-OD	QUAD-TAC-BK	

78	73h	96	IPX7	3 AAA	MADE IN
LUMENS	RUNTIME	GRAMS	WATERPROOF	ALKALINE	USA

PERFORMANCE

Modes	Runtime	Beam Pattern	Reserve
FLOOD HIGH	8h		72h
FLOOD MED	73h		19h
FLOOD LOW	60h		48h
DISTANCE (m)		0 17 24 50	

30
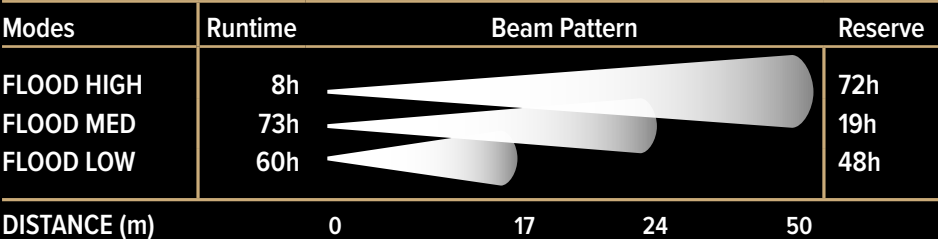
Vizz RGB *New*

Digital Lockout

Vizz RGB can be locked when not in use to prevent accidental activation and unnesecary battery drain.

Waterproof

Rated IPX7, Vizz RGBl can withstand up to one meter of water.

Specialty Color LEDs

Along with white, Vizz RGB also provides red, green, and blue light.

MULTICAM
VIZZ23-RGB-MC

TAN
VIZZ23-RGB-TN

BLACK
VIZZ23-RGB-BK

550 LUMENS	75h RUNTIME	92 GRAMS	IPX7 WATERPROOF	3 AAA ALKALINE	MADE IN USA

PERFORMANCE

Modes	Runtime	Beam Pattern	Reserve
SPOT HIGH	2.5h		70
SPOT LOW	75h		35
RED	45 h		45
GREEN	55 h		100
BLUE	40 h		40
DISTANCE (m)		0 5 20 30 95	

Vizz Tactical

Programability
Set and change the order in which the colored LEDs appear upon activation for highly personalized performance.

Waterproof
Rated IPX7, Vizz Tactical can withstand up to one meter of water.

Specialty Color LEDs
Along with white, Vizz Tactical also provides red, green, blue, and IR light.

MULTICAM
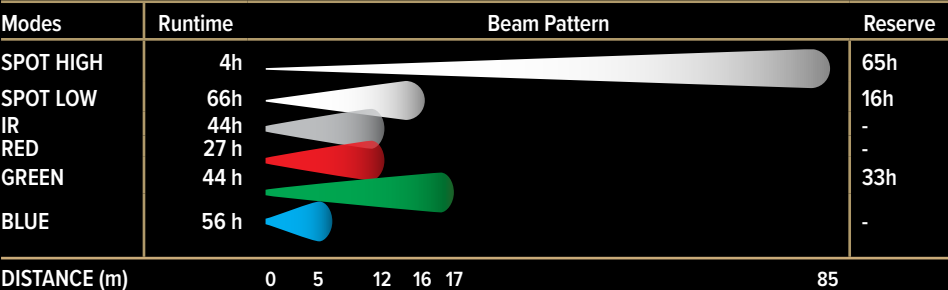VIZZ-TAC-MC

TAN
VIZZ-TAC-TN

BLACK
VIZZ-TAC-BK

550 LUMENS	**66h** RUNTIME	**92** GRAMS	**IPX7** WATERPROOF	**3 AAA** ALKALINE	MADE IN **USA**

PERFORMANCE

Modes	Runtime	Beam Pattern	Reserve
SPOT HIGH	4h		65h
SPOT LOW	66h		16h
IR	44h		-
RED	27 h		-
GREEN	44 h		33h
BLUE	56 h		-
DISTANCE (m)		0 5 12 16 17 85	

Remix **Pro**

CR123 Powered
Operated via a single CR123 battery for optimal cold weather performance and lighter weight.

Powerful Spot Beam
Provides a long throw of concentrated bright light.

Water Resistant
Rated IPX4, Remix is protected from splashing water and rain.

Triple Red LED Cluster
Three red LEDs preserve night vision while providing light for close-up tasks.

MULTICAM
RMX300PRO-RD-MC

TAN
RMX300PRO-RD-TN

BLACK
RMX300PRO-RD-BK
MX300PRO-BK

300 LUMENS	**17h** RUNTIME	**66** GRAMS	**IPX4** WATER RESISTANT	**1 CR123** LITHIUM	**MADE IN USA**

PERFORMANCE

Modes	Runtime	Beam Pattern	Reserve
HIGH SPOT	8h		2h
LOW SPOT	17h		.2h
HIGH FLOOD	10h		.2h
LOW FLOOD	49h		-

DISTANCE (m)	0	7	18	30	58
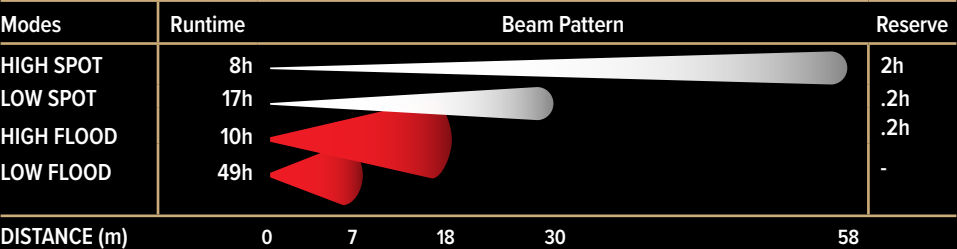
Remix

Hybrid LED
Design Ideal for both area light and long distanced spotting.

Powerful Spot Beam
Provides a long throw of concentrated bright light.

Water Resistant
Rated IPX4, Remix is protected from splashing water and rain.

Triple Red LED Cluster
Three red LEDs preserve night vision while providing light for close-up tasks.

MULTICAM
RMX300-RD-MC

TAN
RMX300-RD-TN

BLACK
RMX300-RD-BK

RGB

BLACK
RMX22RGB-BK

MULTICAM
RMX22RGB-MC

| **450** LUMENS | **20h** RUNTIME | **83** GRAMS | **IPX4** WATER RESISTANT | **3 AAA** ALKALINE | MADE IN **USA** |

PERFORMANCE

Modes	Runtime	Beam Pattern	Reserve
HIGH SPOT	3h		82h
MEDIUM SPOT	6h		59h
LOW SPOT	20h		40h
HIGH FLOOD	1h		2h
LOW FLOOD	121h		-

| DISTANCE (m) | 0 | 6 | 31 | 46 | 56 |

34

Sync

Three Modes
Sync offers a red mode, two flood modes, a spot beam, and dual beam.

Glove Friendly
Can be easily activated and switched between modes without the need to remove gloves.

Dial-Activated Mode Control
Bypass button pressing sequences by turning a dial to switch between modes quickly and simply.

MULTICAM
SYNC21-MC
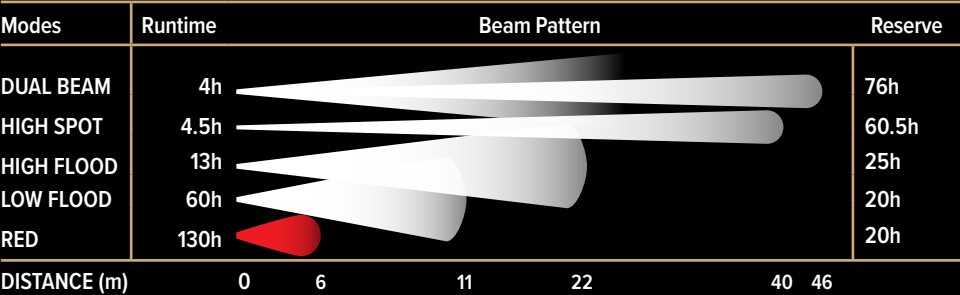
BLACK
SYNC21-BK/DK

300 LUMENS	60h RUNTIME	83 GRAMS	IPX4 WATER RESISTANT	3 AAA ALKALINE	MADE IN USA

PERFORMANCE

Modes	Runtime	Beam Pattern	Reserve
DUAL BEAM	4h		76h
HIGH SPOT	4.5h		60.5h
HIGH FLOOD	13h		25h
LOW FLOOD	60h		20h
RED	130h		20h
DISTANCE (m)		0 6 11 22 40 46	

Fred

Simple Design
While Fred is feature rich and effective, it is lightweight and extremely user-friendly.

Asymmetrical Bracket
Rotates 180°, allowing the light to shine straight up and down.

Four Modes
Fred provides both white and red high and low flood beams.

MULTICAM	TAN	OD	BLACK
FRED21-MC	FRED21-TAN	FRED21-OD	FRED21-BK

200 LUMENS	**41h** RUNTIME	**78** GRAMS	**IPX4** WATER RESISTANT	**3 AAA** ALKALINE	MADE IN **USA**

PERFORMANCE

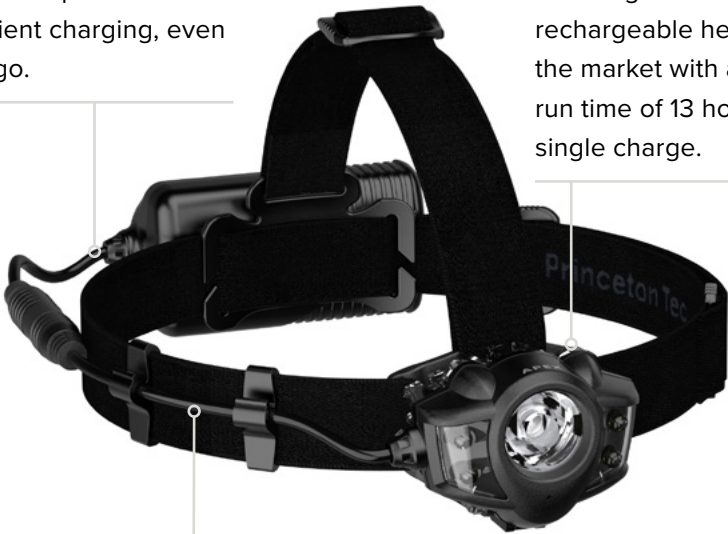| Modes	Runtime	Beam Pattern	Reserve
HIGH SPOT	5.3h		42h
LOW SPOT	41h		2h
RED HIGH	12h		—
RED LOW	130h		—
DISTANCE (m)	0 1 5 9 21		
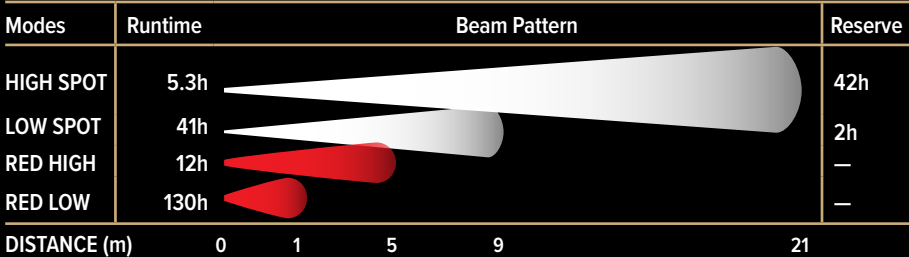
Apex Li

USB Charging
Provides simple and convenient charging, even on the go.

Enduring
The longest lasting rechargeable headlamp on the market with a reliable run time of 13 hours on a single charge.

Extended Power Cable
The battery pack that is clipped to the head strap can be easily moved to your pack or jacket pocket.

BLACK
APX20-RC-BK

550 LUMENS	**13h** RUNTIME	**283** GRAMS	**IPX7** WATERPROOF	LITHIUM-ION RECHARGEABLE	MADE IN **USA**

PERFORMANCE

Modes	Runtime	Beam Pattern	Reserve
SPOT HIGH	6.6h		5h
SPOT MED.	8.1h		3.4h
SPOT LOW	12h		-
FLOOD HIGH	11h		1.5h
FLOOD STROBE	13h		-
FLOOD LOW	13h		-

DISTANCE (m)	0	20	35	43	76	90

Alloy-X

Textured Knurling
Ensures a firm and secure grip.

Detatchable pocket clip
The pen light secures to your pocket or belt for quick and easy access to light.

Dual-Fuel
Powered by the included rechargeable lithium battery or 2 AAA alkaline batteries.

One-Touch Tail Switch
A simple click activates Alloy-X, as well as cycles through high, low, and medium spot modes.

BLACK
ALLOY-X

400 LUMENS	**34h** RUNTIME	**42** GRAMS	**IPX7** WATERPROOF	**LI-ION** RECHARGEABLE	OR	**2 AAA** ALKALINE

PERFORMANCE (Li-ion)

Modes	Runtime	Beam Pattern	Lumens
HIGH SPOT	.7h		400
MED. SPOT	1.5h		240
LOW SPOT	34h		4
DISTANCE (m)		0 6 46 56	

Amp

Light Diffusing Cone
Equipped with a snap on translucent cone, Amp has the ability to transform into a marker light, hanging lantern, or area light.

Bottle Opener
Amp's large carabiner loop doubles as a bottle opener, so you're all set to crack open a beverage after your long day.

Princeton Tec
AMP 1L

Comfortable Grip
With its over-molded grip, Amp sits comfortably in your hand.

Large Carabiner Loop
Attach Amp to virtually anything.

NEON YELLOW
A90LBC-NY

BLACK
A90LBC-BK

100 LUMENS	**7.4h** RUNTIME	**57** GRAMS	**IPX8** WATERPROOF	**2 AAA** ALKALINE	MADE IN **USA**

PERFORMANCE*

Modes	Runtime	Beam Pattern	Reserve
SPOT HIGH	7.4h		65h
DISTANCE (m)	0	32 64	

Attitude

Twist Bezel Activation
Allows for quick and easy operation while also being glove friendly.

Small Ergonomic Design
Attitude is lightweight and convenient to take along.

Integrated Clip
For easy pocket carry.

NEON YELLOW
AT22-NY

BLACK
AT22-BK

| 400 LUMENS | 2.5h RUNTIME | 80 GRAMS | IPX8 WATERPROOF | 4 AAA ALKALINE | MADE IN USA |

PERFORMANCE

Modes	Runtime	Beam Pattern	Reserve
SPOT HIGH	2.5h		108h
DISTANCE (m)	0	37 75	

Aqua Strobe

Buoyant Cone Keeps Aqua Strobe pointed up, whether it's underwater or floating at the surface.

Velcro Strap and Lanyard Included for the freedom to attach the light to your BC, tank, anchor line, or PFD pack.

LED Strobe Powered by a single AA battery, Aqua Strobe flashes 70 times per minute and is visible for one mile.

NEON YELLOW
AS-LED-NY

100	**12h**	**57**	**IPX8**	**1 AA**	**MADE IN**
LUMENS Visible Over 1 Mile	RUNTIME	GRAMS	WATERPROOF	ALKALINE	**USA**

1 MODE

WHITE STROBE

The right light, when you need it.

Princeton Tec also manufactures personal lighting products that meet the specialized needs of the military, first responders, outdoorsmen and other everyday heroes.