

PERSONAL LIGHTING PRODUCTS | 2019



Designed to meet highly specialized needs



TACTICAL

MPLS MODULAR PERSONAL LIGHTING SYSTEM



OVERVIEW

FASTER, MORE EFFECTIVE TACTICAL LIGHTING SOLUTIONS.

One light. Countless solutions to overcome darkness. Designed with the end-user in mind, the MPLS line of lights are designed to provide personal task lighting all while being extremely versatile, simple, and streamlined.

VERSATILITY

STATE OF THE ART MOUNTING SYSTEM OFFERS ULTIMATE UTILITY.

Go from helmet to MOLLE and back in a matter of seconds. With state of the art, intuitive mounting systems, the MPLS series of lights are designed to give you light where and when you need it. Rather than being bogged down with bulky lights that offer little versatility, the MPLS line offers unparalleled adaptability in order for users to take full advantage of their surroundings.

MODULARITY

ONE LIGHT BODY MOVES FROM MOUNT TO MOUNT.

Strategically place mounts and seamlessly move a single light as needed, allowing you to have multiple lighting options and keeping your gear weight to a minimum. The modularity of the MPLS system allows you to be creative and versatile with your mounting options, so that you have the freedom to direct light where and when you need it, depending on your gear setup.

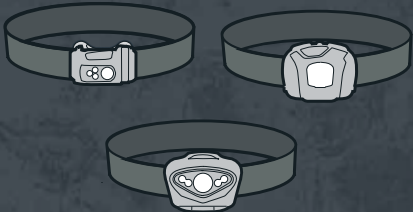


COMPONENT PIECES

HELMET RAIL



HEADSTRAP



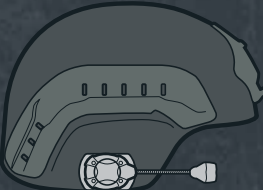
NVG MOUNT



MOLLE



HELMET MOUNT



NVG MOUNT



PICATINNY



SIMPLICITY

PRACTICAL DESIGN MAKES FOR EASY OPERATION.

Aim. Activate. Illuminate. A simple and intuitive mounting system leaves you only one button press away from lighting up any immediate area. Designed by Princeton Tec, the rotating mounts of our Helmet Task Lights and the secure yet simple mounting on our MPLS Headlamps ensures fast, effective, and practical lighting options without any complications.

PRODUCTS

Our MPLS series ranges from close-range task lights to 420 lumen MPLS-adapted models of our already proven and reliable tactical headlamps. Whatever your circumstances call for, there is an MPLS light to handle the tasks you need to tackle.

Available mounting on NVG Shroud , Helmet Rail, MOLLE, Headstrap & Picatinny.

AVAILABLE MPLS PRODUCTS

- Charge Pro
- Charge
- Switch
- Point
- Switch Rail
- Switch Rail MPLS
- Vizz Tactical MPLS
- Vizz II MPLS
- EOS II MPLS
- Quad Tac MPLS
- Remix Pro MPLS

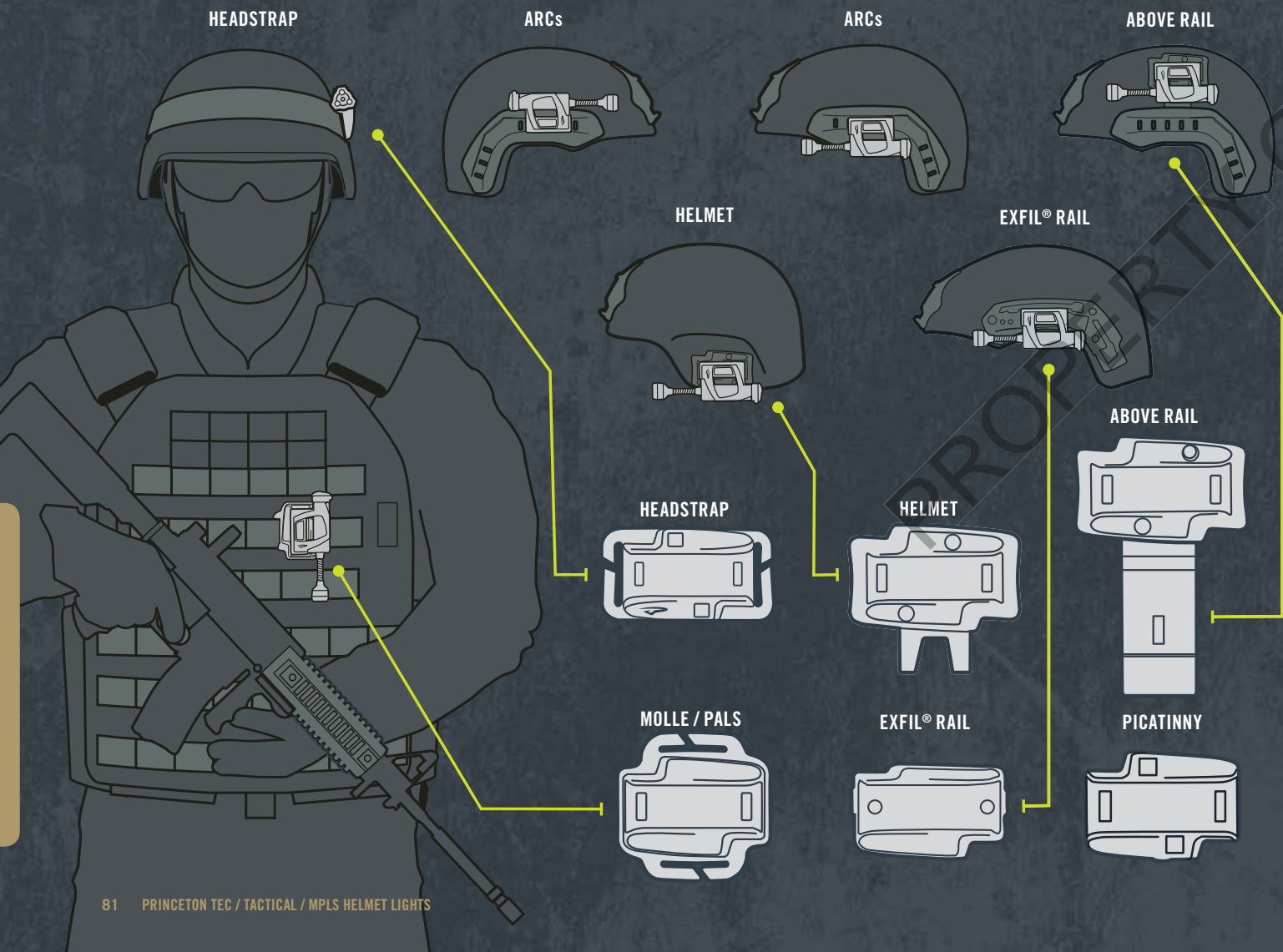
MPLS CHARGE SERIES



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MOUNTING OPTIONS

Charge MPLS 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.



CHARGE® PRO



SPECS

POWER LAMP	55 Lumens 1 Maxbright LED (regulated) 3 Ultrabright LEDs
BURN TIME	40 Hours
BATTERIES	1 CR123 Lithium (included)
WEIGHT	1.67oz / 47g
WATERPROOF	IPX7 (1 meter)

TECHNOLOGY



THE LOWEST PROFILE HELMET LIGHT AVAILABLE. POWERFUL SPOT BEAM PLUS COVERT TASK LIGHTING TO GET THE JOB DONE.

The CR123 power and special circuitry found in the low profile Charge Pro package address the lighting needs of users on the toughest missions in the most extreme conditions. The Charge MPLS series is the natural evolution of personal task lights; boasting an exclusive flexi-neck design that gets spot illumination to the task at hand by incorporating a high power white Maxbright LED for distance spotting and a cluster of three Ultrabright LEDs in various color configurations to meet the needs of specialized users. Ease of performance in exacting situations kept in mind, the Maxbright LED requires a full two-second press of the button to be turned on to avoid accidental activation.

LED COLOR OPTIONS



CHARGE®



SPECS

POWER LAMP	55 Lumens 1 Maxbright LED (regulated) 3 Ultrabright LEDs
BURN TIME	50 Hours
BATTERIES	1 AA Lithium (included)
WEIGHT	1.67oz / 47g
WATERPROOF	IPX7 (1 meter)
NSN	6230-01-606-1473

TECHNOLOGY



THE BEST OF THE CHARGE PRO, NOW AVAILABLE RUNNING ON A SINGLE AA BATTERY.

As versatile, smart and tough as the Charge Pro-MPLS, the Charge allows users to rely on a fuel source that is extremely easy to find and cost effective to replace, the AA battery. The Charge MPLS series is the natural evolution of personal task lights; boasting an exclusive flexi-neck design that gets spot illumination to the task at hand by incorporating a high power white Maxbright LED for distance spotting and a cluster of three Ultrabright LEDs in various color configurations to meet the needs of specialized users. Ease of performance in exacting situations kept in mind, the Maxbright LED requires a full two-second press of the button to be turned on to avoid accidental activation and is fully dimmable.

LED COLOR OPTIONS



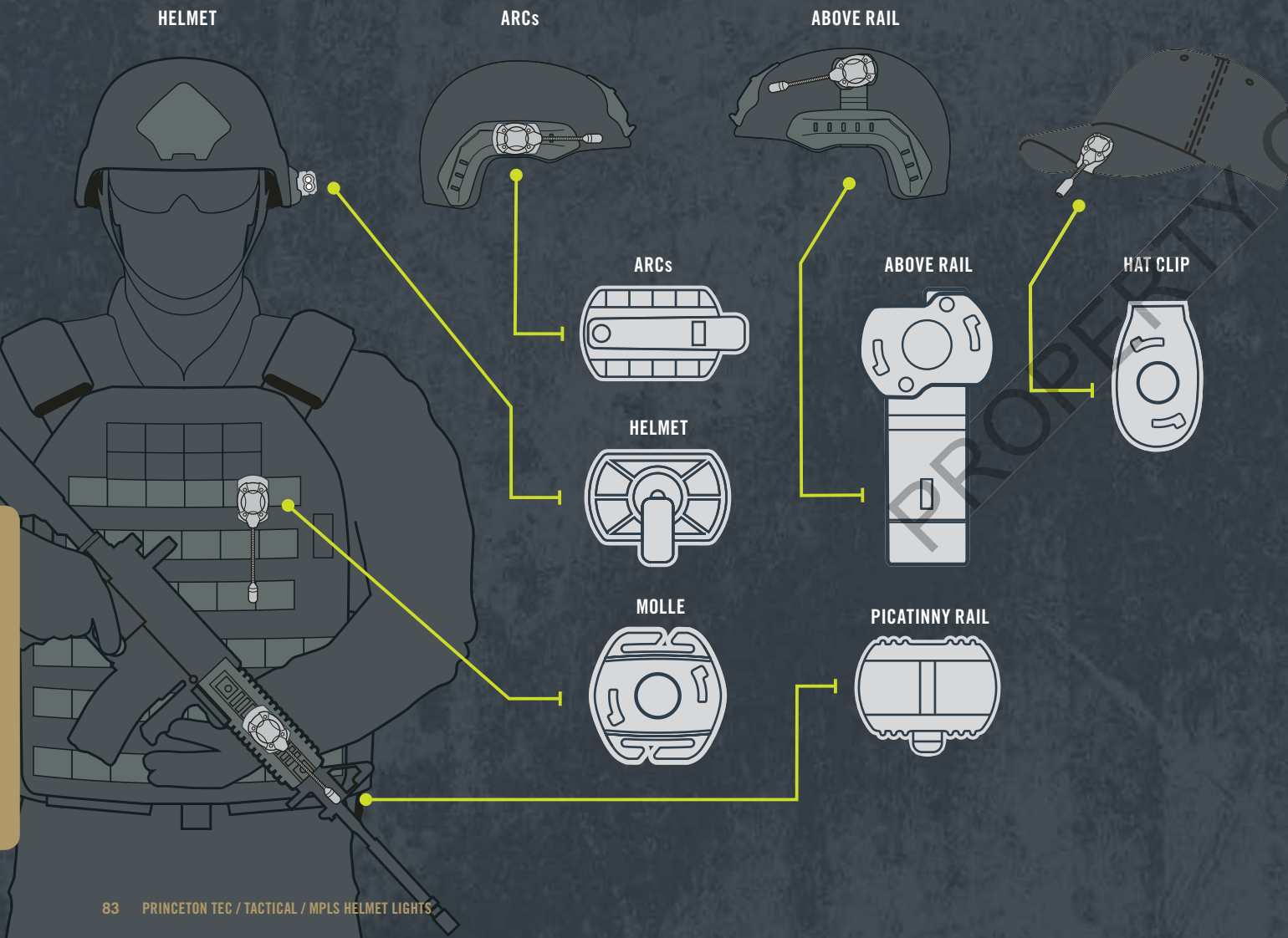
MPLS SWITCH & POINT

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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.



SWITCH®



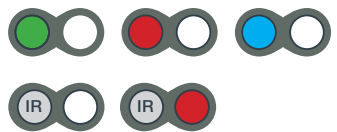
SPECS

POWER	10 Lumens
LAMP	2 Ultrabright LEDs
BURN TIME	36 Hours
BATTERIES	(2) 2016 Lithium Coin Cell <i>(included)</i> (2032 for red and infrared LED)
WEIGHT	0.6oz / 17g
WATER RESISTANT	IPX4 <i>(splashing water)</i>

TECHNOLOGY



LED COLOR OPTIONS



DUAL LED DESIGN PROVIDES SPECIALTY LIGHTING FOR NUMEROUS TASKS.

The Switch is a personal task light that offers extremely lightweight, unmatched versatility. Combining functionality with intuitive design is the name of the game with a dual-LED head on a flexi-neck. Specialty lighting colors are important during tasks that require night vision preservation and the Switch will always turn on in the low power specialty color mode. A two second hold of the large push button will activate the bright white LED mode for better illumination.

POINT®



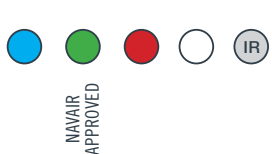
SPECS

POWER	10 Lumens
LAMP	1 Ultrabright LED
BURN TIME	36 Hours
BATTERIES	(2) 2016 Lithium Coin Cell <i>(included)</i> (2032 for red and infrared LED)
WEIGHT	0.6oz / 17g
WATER RESISTANT	IPX4 <i>(splashing water)</i>

TECHNOLOGY



LED COLOR OPTIONS



SINGLE LED HEAD ON A FLEXI-NECK ALLOWS FOR PROPER LIGHTING IN ANY SITUATION.

Designed for the end-user needing to streamline their gear, the Point offers powerful LED technology in a virtually weightless package. Simplicity is key with a large, glove-friendly push button and a single LED. With the capability to be mounted practically anywhere, you'll never need to take your eyes off of your task at hand with the MPLS-Point.



SWITCH® RAIL

LOW OUTPUT ILLUMINATION FOR SIGNATURE REDUCTION DURING PATROL, STEALTH STRUCTURE SEARCH, APPROACH TO TARGET, AND BREACHING OPERATIONS.

Switch Rail is a low-signature weapon mounted task light. Designed for navigation, signature reduction, stealth structure search and breaching operations, this light has recessed LEDs provide discreet lighting in a variety of specialty color combinations. Switch Rail attaches directly to Picatinny Rail for secure mounting. A single button allows access to momentary or constant lighting modes.



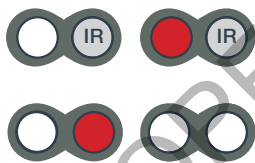
SPECS

POWER 10 Lumens
LAMP 2 Ultrabright LEDs
BURN TIME 36 Hours
BATTERIES (2) 2016 Lithium Coin Cell (included)
(2032 for red and infrared LED)
WEIGHT 0.77oz / 22g
WATERPROOF IPX7 (1 meter)

TECHNOLOGY



LED COLOR OPTIONS



SWITCH® RAIL MPLS

ALL OF THE ORIGINAL SWITCH RAIL'S FEATURES WITH ADDED VERSATILITY: MOLLE, ARCS AND PICATINNY RAIL MOUNTING OPTIONS.

Switch Rail MPLS is similar to Switch Rail in that they're both low profile task lights, offering a variety of specialty task color combinations. Where they differ: the MPLS model makes use of Princeton Tec's versatile mounting system for attachment to MOLLE and ARCs in addition to Picatinny Rail. Designed for navigation, signature reduction, stealth structure search and breaching operations, this light has recessed LEDs that provide discreet lighting. A single button allows access to momentary or constant lighting modes.



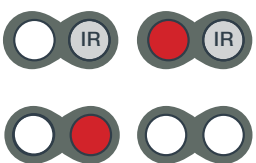
SPECS

POWER 10 Lumens
LAMP 2 Ultrabright LEDs
BURN TIME 36 Hours
BATTERIES (2) 2016 Lithium Coin Cell (included)
(2032 for red and infrared LED)
WEIGHT 0.77oz / 22g
WATERPROOF IPX7 (1 meter)

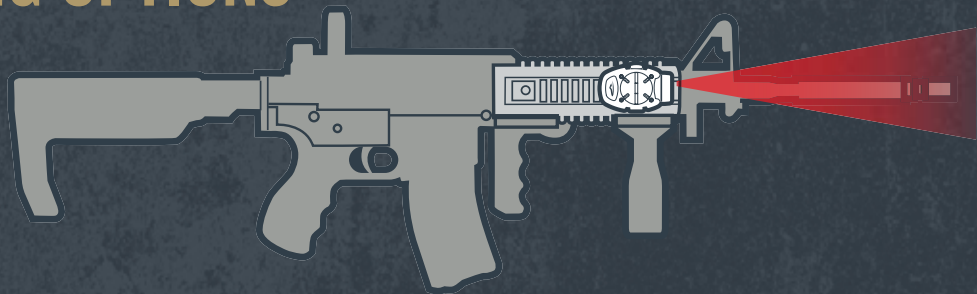
TECHNOLOGY



LED COLOR OPTIONS

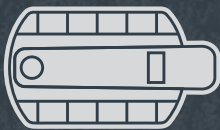


SWITCH® RAIL MOUNTING OPTIONS

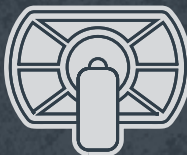


MOUNTS DIRECTLY TO PICATINNY RAIL

SWITCH® RAIL MPLS MOUNTING HARDWARE:



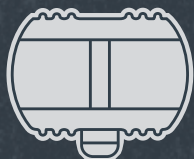
ARCS



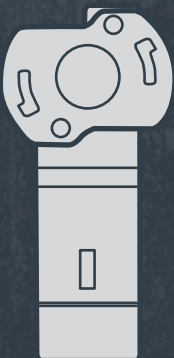
HELMET



MOLLE



PICATINNY RAIL



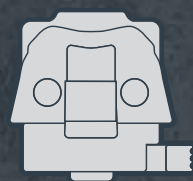
ABOVE RAIL

TACTICAL

MPLS HEADLAMPS



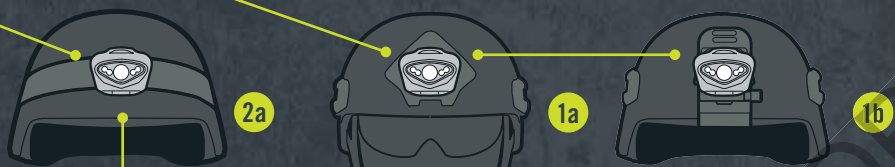
MPLS HEADLAMP MOUNTING OPTIONS



1 NVG ADAPTER PLATE FOR HELMETS
Quickly attach and detach your MPLS Headlamp from the NVG mount on your helmet using the NVG Adapter Plate. The MPLS Headlamp set is designed to quickly attach into most NVG mounts. The bracket is designed to be very secure, yet provide easy functionality so that you can easily add or remove the MPLS light from the helmet mount.



2 BRACKET FOR MOLLE AND HEADSTRAP
The second attachment that comes with the MPLS Headlamp system is a MOLLE bracket that allows you to attach the powerful MPLS light to various other gear (or our standard 1" wide headstrap) for hands free operation when your helmet is already filled with necessary accessories, or if you are wearing no helmet at all. When attached to the webbing on your MOLLE vest, the MPLS light is in the perfect position to illuminate maps and anything else in front of you without having to swap out your helmet accessories.



HELMET MOUNTS FIT:
1. Universal compatibility with most NVG mounts
2. Standard Helmet with headstrap, also fits any 1" webbing



VIZZ[®] TACTICAL MPLS



NOW WITH WHITE, RED AND BLUE VISIBLE LIGHT, PLUS IR: CUSTOMIZED TO FIT YOUR TASK

New to our tried and true MPLS Headlamp line-up is the Vizz Tactical MPLS. Packing a powerful and dimmable spot beam, the Vizz Tactical MPLS is the brightest of the series and provides lower lumen lighting for up close tasks. Specialty light users will find 4 color LEDs: red, blue, green and IR - all available in the same light. Set and change the order your specialty color LEDs appear in for a headlamp tailored specifically to your needs and preferences. All mode functions and customization processes are done with the large, easy to find push button at the top of the light. Durable body construction and an IPX7 waterproof rating round the Vizz Tactical MPLS out for a top-of-the-line choice in tactical lighting, equipped to endure your next mission.

SPECS		TECHNOLOGY		
POWER LAMP	420 Lumens 1 Maxbright LED 1 Red Ultrabright LED 1 Blue Ultrabright LED 1 Green Ultrabright LED 1 IR Ultrabright LED			
BURN TIME	125 Hours			
BATTERIES	3 AAA Alkaline (included)			
WEIGHT	3.2oz / 92g			
WATERPROOF	IPX7 (1 meter)			

PERFORMANCE	
5 Modes	⌚ Time T. = Total Run Time / R. = Regulated Run Time
SPOT BEAM	T. 110
SPOT LOW	T. 125
IR	R. 9.6, T. 150
RED	R. 16, T. 150
GREEN	R. 9.6, T. 150
BLUE	R. 16, T. 150
DISTANCE (m)	0 10 37 52 78

LED COLOR OPTIONS



MADE IN
USA

MADE IN
USA

VIZZ® II MPLS

INTRINSICALLY SAFE
NEW

The intrinsically safe Vizz II is feature-loaded with two distinct beam profiles easily accessed via a simple press or hold of the button. One Maxbright LED creates a powerful 150 lumen spot beam for long-throw illumination, while 4 Ultrabright LEDs deliver a dimmable flood beam. As with all of Princeton Tec Professional Series headlamps, the Vizz is waterproof. ETL C11 Div1 intrinsically safe, Classes I, II, III; Divisions 1&2; Groups A-G; Temp Code: -20C to 40C (T4).

SPECS

POWER LAMP	150 Lumens 1 Maxbright LED 4 White Ultrabright LEDs
BURN TIME	108 Hours
BATTERIES	3 AAA Alkaline (included)
WEIGHT	3.2oz / 92g
ETL RATING	Class I Division 1&2 Groups A, B, C, D & G
ETL TEMP CODE	T4
WATERPROOF	IPX7 (1 meter)

TECHNOLOGY



PERFORMANCE

3 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
SPOT	T. 95h	
FLOOD HIGH	T. 104h	
FLOOD LOW	T. 108h	
DISTANCE (m)	0 10 36 70	

EOS® II MPLS

INTRINSICALLY SAFE

The EOS II Tactical MPLS takes our durable and lightweight EOS headlamp and turns it into a modular option through the time-tested Princeton Tec MPLS kit. An Intrinsically Safe headlamp, the EOS II is designed and built to meet the most rigorous of demands both in application and environment. Waterproof, constructed of high grade materials and self-contained, the EOS II offers long burn times utilizing regulated circuitry.

SPECS

POWER LAMP	130 Lumens 1 Maxbright LED
BURN TIME	108 Hours
BATTERIES	3 AAA Alkaline (included)
WEIGHT	3.7oz / 105g
UL RATING	Class I Division 1 Groups A, B, C & D
UL TEMP CODE	T4
WATERPROOF	IPX7 (1 meter)

TECHNOLOGY



PERFORMANCE

2 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
HIGH	T. 80h	
LOW	T. 108h	
DISTANCE (m)	0 45 60	



MADE IN USA

No Government or DOD Endorsement



MADE IN USA

QUAD[®] TACTICAL MPLS

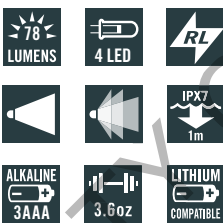
FOUR ULTRABRIGHT LEDS CREATE A CLEAN FLOOD BEAM.

The Quad Tactical MPLS takes our durable and lightweight Tactical Quad headlamp and makes it a modular force with Princeton Tec's MPLS engineering. Four ultrabright LEDs provide 78 lumens of area lighting. The four lens filters further increase the MPLS system's adaptability, so you can have multiple colors of light in a variety of locations.

SPECS

POWER	78 Lumens
LAMP	4 Ultrabright LEDs (regulated)
BURN TIME	108 Hours
BATTERIES	3 AAA Alkaline (included) or Lithium
WEIGHT	3.6oz / 101g
WATERPROOF	IPX7 (1 meter)

TECHNOLOGY



PERFORMANCE

4 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
HIGH	R. 1h, T. 80h	
MEDIUM	R. 5h, T. 92h	
LOW	R. 10h, T. 108h	
DISTANCE (m)		0 17 24 50



Interchangeable Lens system provides your choice of red, blue or green light. The installed color lens conveniently slides out of the way (hidden within the light body) to provide white light without risk of losing the lens.

REMIX[®] PRO MPLS



NOW WITH WHITE, RED AND BLUE VISIBLE LIGHT, PLUS IR.

The new Remix Pro packs a bright 300 lumen spot beam, an array of Ultrabright LEDs in red, green and blue for administrative lighting, plus a flashing IR option. The headlamp will always turn on in low signature mode; holding the button down illuminates the high power spot beam. This headlamp is powered by a single CR123 battery providing excellent cold weather performance and light weight. Combine these features with a large on/off button, easy access battery door and a reliable asymmetrical bracket, and you can be sure that the Remix Pro is equipped to endure your next mission.

SPECS

POWER	300 Lumens
LAMP	1 Maxbright LED 3 Ultrabright LEDs
BURN TIME	49 Hours
BATTERIES	1 CR123 (included)
WEIGHT	2.3oz / 66g
WATER RESISTANT	IPX4 (splashing water)
NSN	6230-01-633-4682

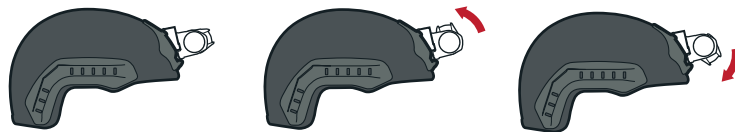
TECHNOLOGY



PERFORMANCE

4 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
SPOT BEAM	T. 10h	
SPOT LOW	T. 17h	
FLOOD HIGH	T. 10h	
FLOOD LOW	T. 49h	
DISTANCE (m)		0 7 18 30 58

ROTATES 185°



LED COLOR OPTIONS



HEADLAMPS



SNAP RGB NEW

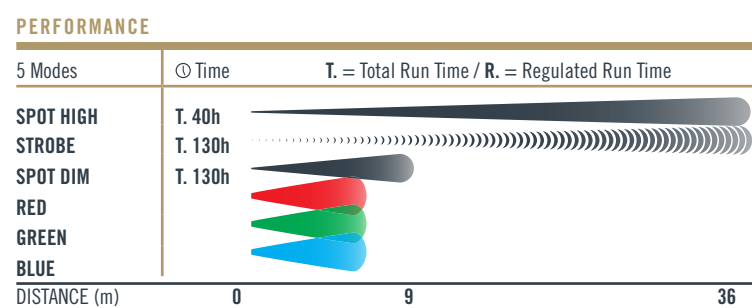
The SNAP made its entrance into our product line last year, and we've already got a few upgrades for it. First, we're adding 100 lumens, bringing the SNAP up to 300 lumens at its max white setting. Second, because we didn't feel the multi-use light was versatile enough, we've added red, green and blue light.

Mode selection has stayed simple, and involves toggling through via a single, easy to find button on the body of the SNAP.

The SNAP is a one stop tool for any of your lighting needs: headlamp, flashlight, bike light, safety flasher, lantern and magnetic area light. The SNAP kit comes with all the mounts needed to turn the light into whatever you need. Not a fan of our original bright green colorway? No worries, you've got more options now.

Now with more lumens and additional color modes, there really is no excuse to keep any other light in you gear bin.

SPECS		TECHNOLOGY		
POWER	300 Lumens			
LAMP	1 Maxbright LED w/ Spot (dimmmable) 1 Red Ultrabright LED 1 Blue Ultrabright LED 1 Green Ultrabright LED			
BURN TIME	130 Hours			
BATTERIES	3 AAA Alkaline (included)			
WEIGHT	3.5oz / 99g			
WATER RESISTANT	IPX4 (splashing water)			



Magnetic SnapDapter adheres to metal surfaces



Use as an area light



Rail Handlebar Attachment



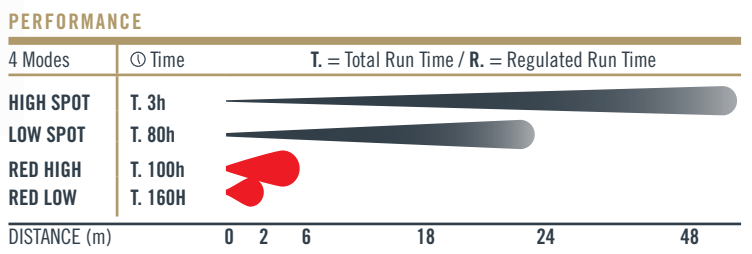
Carabiner Loop Attachment for vertical or overhead hanging

BYTE TACTICAL



Don't be fooled by its size, the Byte Tactical is a powerful punch in a tiny package. Extremely lightweight and compact, the Byte Tactical offers 100 lumens and four modes: white high spot and low spot, as well as red high and low to avoid compromising night vision. The smartly designed Byte Tactical is equipped with a digital battery lockout, sturdy and simple to rotate single arm bracket, easily accessible battery door enclosure and a large push button.

SPECS		TECHNOLOGY		
POWER	100 Lumens			
LAMP	1 Maxbright LED 1 Red Ultrabright LED			
BURN TIME	80 Hours			
BATTERIES	2 AAA Alkaline (included), or Lithium			
WEIGHT	2.25oz / 64g			
WATER RESISTANT	IPX4 (splashing water)			



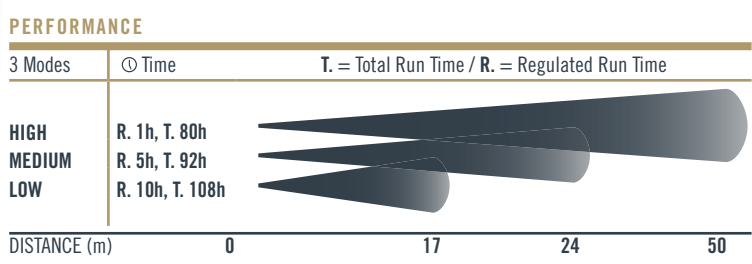
QUAD TACTICAL



WIDE FLOOD PATTERN IN A RUGGED AND DURABLE HOUSING.

Four Ultrabright LEDs offer a wide, bright area flood light. Housed in the same rugged body style as the EOS Tactical, The Quad Tactical Headlamp is durable and rugged. The interchangeable lens filter system allows you to swap between light colors depending on your task.

SPECS		TECHNOLOGY		
POWER	78 Lumens			
LAMP	4 Ultrabright LEDs (regulated)			
BURN TIME	108 Hours			
BATTERIES	3 AAA Alkaline (lincluded) or Lithium			
WEIGHT	3.6oz / 101g			
WATERPROOF	IPX7 (1 meter)			
NSN	6515-01-518-3823			



Interchangeable Lens system provides your choice of red, blue or green light. The installed color lens conveniently slides out of the way (hidden within the light body) to provide white light without risk of losing the lens.



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VIZZ[®] TACTICAL

The powerhouse Vizz Tactical headlamp starts with a strong, white spot beam for long throw light. The main spot beam is also dimmable, providing easy to use close up lighting. The Vizz Tactical builds upon it's versatility by adding red, blue, green and IR specialty colors, all available in the same headlamp. Set and change the order your specialty color LEDs appear in for a headlamp tailored specifically to your needs and preferences. All mode functions and customization processes are done with the large, easy to find push button at the top of the light. Durable body construction and a waterproof IPX7 rating round the Vizz Tactical out for a top-of-the-line choice in tactical lighting equipped to endure your next mission.



SPECS

POWER	420 Lumens
LAMP	1 Maxbright LED 1 Red Ultrabright LED 1 Blue Ultrabright LED 1 Green Ultrabright LED 1 IR Ultrabright LED
BURN TIME	125 Hours
BATTERIES	3 AAA (included)
WEIGHT	3.2oz / 92g
WATERPROOF	IPX7 (1 meter)

TECHNOLOGY

420 LUMENS

4 LED

ALKALINE 3 AAA

IPX7 1m

LITHIUM COMPATIBLE

PERFORMANCE

5 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
SPOT BEAM	T. 110	
SPOT LOW	T. 125	
IR	R. 9.6, T. 150	
RED	R. 16, T. 150	
GREEN	R. 9.6, T. 150	
BLUE	R. 16, T. 150	

DISTANCE (m)

010375278

LED COLOR OPTIONS

IR

VIZZ[®]



The already feature loaded Vizz learns a few more tricks with a new user interface that includes dimmability across the board. One Maxbright LED creates a powerful spot beam for longthrow illumination, a pair of white Ultrabright LEDs deliver a flood beam, and two red Ultrabright LEDs handle close-range lighting while preserving night adjusted vision. When not in use the Vizz can be locked to prevent accidental activation, and the translucent switch acts as a low battery indicator.

SPECS

POWER	420 Lumens
LAMP	1 Maxbright LED (dimmable), (regulated) 2 White Ultrabright LEDs (dimmable) 2 Red Ultrabright LEDs
BURN TIME	136 Hours
BATTERIES	3 AAA Alkaline (included)
WEIGHT	3.25oz / 92g
WATERPROOF	IPX7 (1 meter)

TECHNOLOGY

420 LUMENS

4 LED

ALKALINE 3 AAA

IPX7 1m

LITHIUM COMPATIBLE

PERFORMANCE

4 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
SPOT HIGH	T. 136h	
SPOT DIM	T. 108h	
FLOOD HIGH	R. 6h, T. 104h	
RED	R. 16h, T. 150h	

DISTANCE (m)

0162579

LED COLOR OPTIONS

REMIX[®] PRO



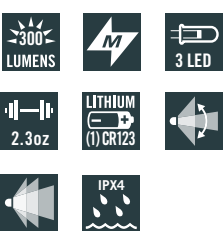
LITHIUM POWERED AND LIGHTWEIGHT.

The Remix Pro is powered by a single CR123 battery providing excellent performance in cold weather, light weight, and compact size. Although the Remix Pro provides dual light output modes, it will always turn on in low mode on the Ultrabright setting. Combine these features with a large on/off button, an easy access battery door and a reliable asymmetrical bracket, and you can be sure that the Remix Pro is equipped to endure the rigors of your next mission.

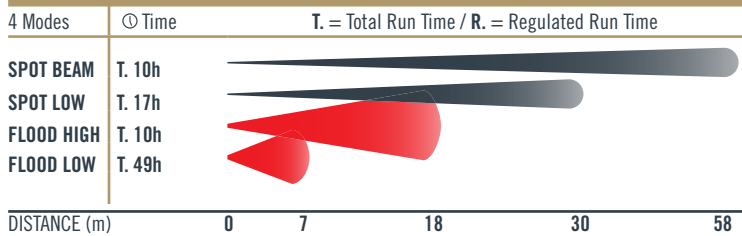
SPECS

POWER	300 Lumens
LAMP	1 Maxbright LED 3 Ultrabright LEDs
BURN TIME	49 Hours
BATTERIES	1 CR123 (included)
WEIGHT	2.3oz / 66g
WATER RESISTANT	IPX4 (splashing water)
NSN	6230-01-606-1095

TECHNOLOGY



PERFORMANCE



LED COLOR OPTIONS



REMIX[®]



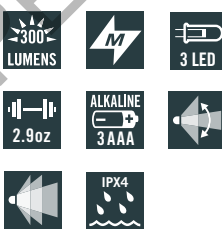
HYBRID LED DESIGN FOR AREA LIGHTING OR SPOT BEAM.

The Remix is equipped with an asymmetrical single arm bracket, easily accessible battery door enclosure, and large push button switch. Combine these features with a simple and lightweight design and you have a headlamp built to perform in any environment. Whether your requirements call for long distance spotting, or close range area light, the Remix is up to the task with a combination of a single Maxbright LED and 3 Ultrabright LEDs. The end result; true versatility in a compact, water resistant, and self-contained package.

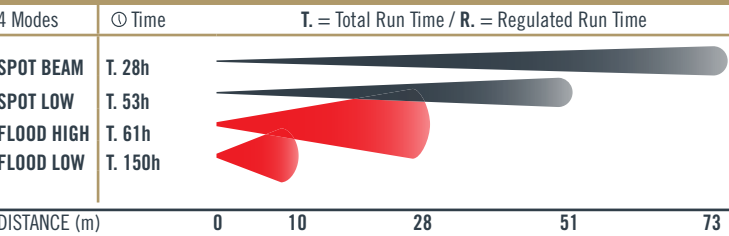
SPECS

POWER	300 Lumens
LAMP	1 Maxbright LED 3 Ultrabright LEDs
BURN TIME	150 Hours
BATTERIES	3 AAA Alkaline (included)
WEIGHT	2.9oz / 83g
WATER RESISTANT	IPX4 (splashing water)

TECHNOLOGY



PERFORMANCE



LED COLOR OPTIONS



FRED[®]



A LEGACY PRODUCT WITH SMART UPGRADES.

For years, the Fuel headlamp has been a staple in the outdoor community. We've taken the intuitive engineering and lightweight design of the Fuel and enhanced it. With the increased demand for red lighting to preserve night vision, the Fred was born. Boasting one red LED and 3 white LEDs, the Fred provides the same great area lighting as the Fuel, but provides necessary red lighting when needed.

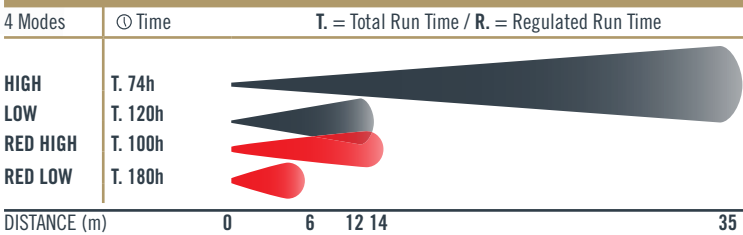
SPECS

POWER	45 Lumens
LAMP	3 White Ultrabright LEDs 1 Red Ultrabright LED
BURN TIME	120 Hours
BATTERIES	3 AAA Alkaline (Included)
WEIGHT	2.75oz / 78g
WATER RESISTANT	IPX4 (splashing water)

TECHNOLOGY



PERFORMANCE



SYNC[®]



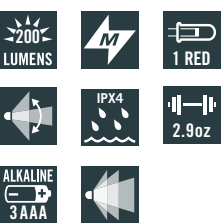
BUTTON-FREE MODE CONTROL.

The Sync excels in simplicity. The Sync's focus was on mode control: run through 5 modes with a large, easy to find, even easier to twist dial located on the side of the headlamp, regardless of thick gloves or chilled fingers. The Sync is built on the proven foundation of our stable asymmetrical single arm bracket, essential modes were integrated to please a wide variety of users, and then tied all together with an easy to use interface.

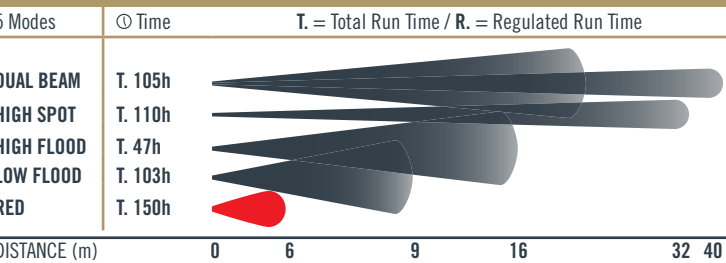
SPECS

POWER	200 Lumens
LAMP	1 Maxbright LED w/ Spot Beam 1 Maxbright LED w/ Flood 1 Red Ultrabright LED
BURN TIME	110 Hours
BATTERIES	3 AAA Alkaline (included)
WEIGHT	2.9oz / 83g
WATER RESISTANT	IPX4 (splashing water)

TECHNOLOGY



PERFORMANCE





APEX®

The brightest headlamp in our professional series, Apex has been a favorite of users headed into extreme conditions for years. The pinnacle of waterproof LED headlamp design, Apex incorporates a single regulated Maxbright LED plus four regulated Ultrabright LEDs. The Apex is capable of a powerful spot beam or a bright flood, and two switches make changing modes intuitive. Proprietary heatsink technology allows the LEDs to burn brighter and longer.

SPECS

POWER	550 Lumens
LAMP	1 Maxbright LED (dimnable), (regulated) 4 Ultrabright LEDs (dimnable), (regulated)
BURN TIME	150 Hours
BATTERIES	4 AA Alkaline (included) or Lithium
WEIGHT	9.8oz / 279g
WATERPROOF	IPX7 (1 meter)

TECHNOLOGY

PERFORMANCE

6 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
SPOT HIGH	R. 1.5h, T. 2h	<div></div>
SPOT MED.	R. 2h, T. 11h	<div></div>
SPOT LOW	R. 10h, T. 96h	<div></div>
FLOOD HIGH	R. 8h, T. 100h	<div></div>
FLOOD FLASH	R. 8h, T. 200h	<div></div>
FLOOD LOW	R. 10h, T. 150h	<div></div>
DISTANCE (m)	0	22 43 67 92 120

APEX® PRO

Where lightweight is a must, ultimate power and function are a demand, and durability is an expectation — we introduce you to the Apex Pro. Professional athletes and adventurers around the world have marveled at the power of the Apex. In an effort to meet their unique and ever evolving needs, we have developed the Apex Pro to provide a faster and lighter option while still providing the ultimate in brightness and output. The Apex Pro is powered by two CR123 lithium batteries protected in a highly durable and waterproof case. Designed for professionals, and perfect for all users.

SPECS

POWER	550 Lumens
LAMP	1 Maxbright LED (regulated) 4 Ultrabright LEDs (regulated)
BURN TIME	12 Hours
BATTERIES	2 CR123 Lithium (included)
WEIGHT	6oz / 173g
WATERPROOF	IPX7 (1 meter)
NSN	6230-01-578-3637

TECHNOLOGY

PERFORMANCE

6 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
SPOT HIGH	R. 1h, T. 11.5h	<div></div>
SPOT MED.	R. 2.5h, T. 10h	<div></div>
SPOT LOW	R. 10h, T. 12h	<div></div>
FLOOD HIGH	R. 5h, T. 12h	<div></div>
FLOOD FLASH	R. 6h, T. 10h	<div></div>
FLOOD LOW	R. 12h, T. 12h	<div></div>
DISTANCE (m)	0	21 35 42 98 122

HANDHELDS

TEC 1 - TEC 2

We distilled the flashlight to its essential elements. No more, no less. Molded polymer exterior for extreme light weight, impact resistnace and confident handling in all environmental conditions. Metal core provides strength and keeps the high output LED cool. Momentary and constant modes allow for signaling, spotting or standard use. Compact size fits easily in hand and pocket clip ensures the light is always at the ready.



DIGITAL PUSH BUTTON
TAIL SWITCH



DEEP-CARRY POCKET CLIP

TEC 1

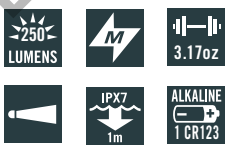
The newest handheld lights from Princeton Tec are inspired by our decades of experience creating lights for the most demanding users. These lights have a heart of metal, wrapped by an outside made of the highest quality injection molded polymers. The TEC 1 is powered by a single CR123 cell, blasting out 250 lumens in a focused spot beam pattern. The tailcap switch is conveniently located; tap for momentary light or press for constant light. The 1" diameter makes this light compatible with many available mounts on the market.



SPECS

POWER	250 Lumens
LAMP	1 Maxbright LED (regulated)
BURN TIME	1 hour, 15 minutes
BATTERIES	1 CR123 (included)
WEIGHT	3.17oz / 90g
WATERPROOF	IPX7 (1 meter)

TECHNOLOGY



PERFORMANCE

1 Mode	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
HIGH	T. 1h, 15min	
DISTANCE (m)	0	25 58

TEC 2

The newest handheld lights from Princeton Tec are inspired by our decades of experience creating lights for the most demanding users. These lights have a heart of metal, wrapped by an outside made of the highest quality injection molded polymers. The slightly larger member of this duo, TEC 2 is powered by two CR123 cells and promises 250 lumens of light in a focused spot beam pattern. The tailcap switch is conveniently located; tap for momentary light or press for constant light. The 1" diameter makes this light compatible with many available mounts on the market.



SPECS

POWER	250 Lumens
LAMP	1 Maxbright LED (regulated)
BURN TIME	3 hours, 10 minutes
BATTERIES	2 CR123 (included)
WEIGHT	4.23oz / 120g
WATERPROOF	IPX7 (1 meter)

TECHNOLOGY



PERFORMANCE

1 Mode	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
HIGH	R. 3h, 10min	
DISTANCE (m)	0	25 58



AMP® 1L



The compact and versatile Amp 1L is a 100 lumen flashlight with a few more tricks up it's sleeve. It is waterproof up to 100M (330ft) with a large carabiner loop making it easy to clip to your gear. Convert the Amp 1L from a flashlight into a marker light by snapping on the included translucent white cone. It gets bonus points after it's main job is done: it has a built-in bottle opener, just in case. Additional light diffusing color cones (red, blue or green) are sold separately.

SPECS

POWER

LAMP

BURN TIME

BATTERIES

WEIGHT

WATERPROOF

100 Lumens

1 Maxbright LED

72 Hours

2 AAA Alkaline (included)

2oz / 57g

IPX8 (100 meters)

TECHNOLOGY

100 LUMENS

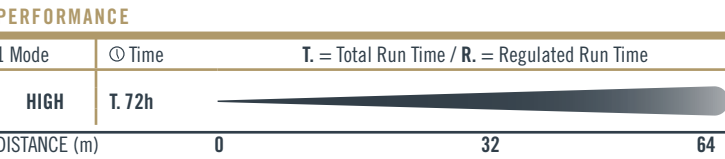
M

LED OPTIC

IPX8 100m

2oz

ALKALINE 2AAA



OPENS BOTTLES

CONE FOR 360° OF LIGHT

CONE COLOR OPTIONS

SECTOR® 5

The potent 550 lumen Sector 5 is a serious spotlight, delivering extensive illumination. Four C-cell batteries keep the powerhouse light compact while providing 24 long hours of burn time. The trigger switch is easy to use with gloved hands; access momentary on via a half-pull and constant on via full pull. The trigger also locks out to prevent accidental activation and battery drain while in transit or storage.



SPECS

POWER

LAMP

BURN TIME

BATTERIES

WEIGHT

WATERPROOF

550 Lumens

1 Maxbright LED (regulated)

24 Hours

4 C Alkaline (included)

23oz / 650g

IPX8 (100 meters)

TECHNOLOGY

550 LUMENS

M

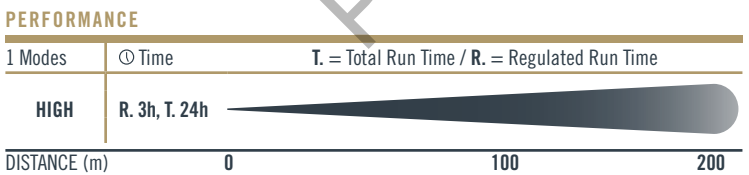
LED OPTIC

IPX8 100m

23oz

ALKALINE 4C

RL



POWERFUL SINGLE MAXBRIGHT LED

TRIGGER SWITCH

LEAGUE®



Ergonomically designed for comfort, safety, and practicality, the League is a must have on any situation. Boasting a 420 lumen Maxbright LED inside a angled housing, the lightweight League fits comfortably in the hand, and the oversized operating switch is usable and lockable with just your thumb, even with heavy gloves.

SPECS

POWER

LAMP

BURN TIME

BATTERIES

WEIGHT

WATERPROOF

420 Lumens

1 Maxbright LED

14 Hours

4 AA Alkaline (included)

7oz / 203g

IPX8 (100 meters)

TECHNOLOGY

420 LUMENS

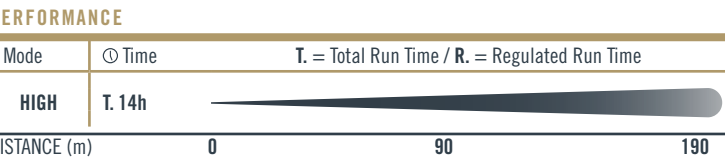
M

LED OPTIC

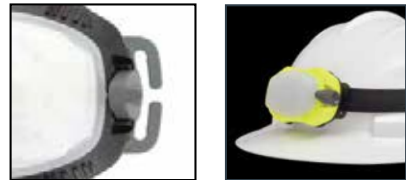
IPX8 100m

7oz

ALKALINE 4 AA



MERIDIAN®



Bracket Fits any 1 inch webbing

The Meridian LED Personal Locator Light is visible for over a mile and throws an extra-wide beam. The body is designed to be low-profile and adaptable to a wide range of uses: easy attachment to hardhat or any 1" webbing is possible. The toggle switch allows for operation of red and white strobing modes. Built to withstand the rigors of the jobsite, the light will make it through the most brutal weather with its IPX8 rating.

SPECS

POWER	100 Lumens Visible Over a Mile
BURN TIME	100 Hours
BATTERIES	3 AAA Alkaline (included)
WEIGHT	3.5oz / 101g
WATERPROOF	IPX8 (100 meters)

TECHNOLOGY



LED OPTIONS



WHITE STROBE



RED BEACON



IR STROBE



RED BEACON

AQUA STROBE LED NEW



Aqua Strobe LED is the perfect addition to all personal protective equipment. With simple, glove-friendly twist operation that prevents accidental activation, this single AA battery light is designed with the end user in mind. Waterproof to 330 ft and supplied with battery, lanyard and Velcro strap, Aqua Strobe LED comes prepared.

SPECS

POWER	100 Lumens Visible Over a Mile 60 flashes per minute
LAMP	1 White Maxbright LED (flashing)
BURN TIME	12 hours
BATTERIES	1 AA Alkaline (included)
WEIGHT	3.3oz / 96g
WATERPROOF	IPX8 (100 meters)

TECHNOLOGY



1 MODE



WHITE STROBE

PULSAR®



Slightly larger than a quarter and weighing 7 grams, the Pulsar provides instant illumination for any situation and offers easy battery replacement. This compact Ultrabright LED burns with unbelievable intensity making it the perfect choice for key chains, backpacks, zippers and emergency situations.

SPECS

POWER	10 Lumens
LAMP	1 Ultrabright LED
BURN TIME	12 Hours
BATTERIES	(2) 2016 Lithium Coin Cell (included)
WEIGHT	.24oz / 7g
WATER RESISTANT	IPX4 (splashing water)

TECHNOLOGY



PULSAR II®



Princeton Tec has taken the smallest light in our product line and made it better, with a flick of a switch. The Pulsar II stays on so you can free up your hands for other tasks. Like its predecessor, the Pulsar II can also be illuminated merely by squeezing its compact, lightweight body.

SPECS

POWER	10 Lumens
LAMP	1 Ultrabright LED
BURN TIME	12 Hours
BATTERIES	(2) 2016 Lithium Coin Cell (included)
WEIGHT	.24oz / 7g
WATER RESISTANT	IPX4 (splashing water)

TECHNOLOGY



IMPULSE®



Impulse is the ultimate personal multi-task light available and it is UL® Class 1, Division 2 approved! Don't let its size fool you – the tiny Impulse is jam-packed with big features! Powered by 2 lithium coin cells, the Ultrabright LED burns up to 36 hours and has 5 electronic switch settings, including low, medium and high beam, and fast and slow blinking modes. With its quick release, detachable clip, hat clip option, and a range of translucent colors to choose from, you'll want one for every keychain, backpack or ball cap.

SPECS

POWER	20 Lumens
LAMP	1 Ultrabright LED
BURN TIME	36 Hours
BATTERIES	(2) 2016 Lithium Coin Cell (included)
WEIGHT	.6oz / 17g
WATER RESISTANT	IPX4 (splashing water)

TECHNOLOGY



HELIX LANTERN SERIES

DESIGN AND FEATURES

When Princeton Tec set out to design our series of lanterns, the team took a long, hard look at which design elements would best serve the end user. Folding legs raise the Helix to provide a broader light dispersement; they also create a stable foundation that holds fast even on irregular surfaces. These lanterns hang and stand in many configurations, providing everything from broad area light to focused task lighting. The controls are unique as well, with the Backcountry's button-free swipe control surface and the Basecamp's familiar power dial. They all collapse down to a fraction of their normal size when it comes time to move out.

Multiple hanging and positioning options



Dimmable white & red modes



Packs down to half size



HELIX[®] BACKCOUNTRY



This small lantern delivers more area light, more effectively than many of it's larger competitors and gets even smaller when folded down for travel. With dimmable white and red modes controlled by a button-free swipe control surface, Helix is easy to use and water resistant. The legs conform to any uneven surface, while multiple hanging options allow for secure placement in any situation. Unique warm white LEDs easy on the eyes, and red LEDs provide the ultimate in low signature area lighting. Remove the collapsible globe in either mode to create a focused spot light.

SPECS

POWER	150 Lumens (white LED)
LAMP	1 White Maxbright LED (dimnable) 1 Red Ultrabright LED (dimnable)
BURN TIME	24 Hours
BATTERIES	3 AAA Alkaline (included)
WEIGHT	5.5 oz / 155g
WATER RESISTANT	IPX6 (powerful spray)

TECHNOLOGY



LED COLOR	WHITE		RED	
MODE	High	Low	High	Low
BURNTIME	8h	24h	12h	32h

HELIX[®] BASECAMP

This lantern packs an even brighter punch than the Backcountry, in a package that is only slightly larger. The collapsible globe and folding legs raise the lantern up to make the most of this lantern's 250 lumens; built in spotlight plus hanging and aiming options make this lantern incredibly adaptable. Unique warm white LEDs are easy on the eyes.

SPECS

POWER	250 Lumens (white LED)
LAMP	1 White Maxbright LED (dimnable) 1 Red Ultrabright LED (dimnable)
BURN TIME	30 Hours
BATTERIES	3 AA Alkaline (included)
WEIGHT	12.6oz / 358g
WATER RESISTANT	IPX6 (powerful spray)

TECHNOLOGY



LED COLOR	WHITE		RED	
MODE	High	Low	High	Low
BURNTIME	8h	30h	16h	40h

HELIX[®] BACKCOUNTRY RECHARGEABLE



Forget carrying extra weight, the Backcountry Rechargeable is a efficient battery free option in the Helix series. An industry standard micro-USB port powers up the rechargeable battery that allows this lightweight lantern to put out a bright beam thats easy on the eyes. The expanding globe and folding legs help Helix Backcountry Rechargeable to shine over a wide area and pack down to fit easily in hand. The Helix lantern design also incorporates several hanging and spotlight options.

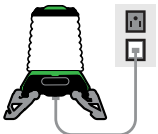
SPECS

POWER	150 Lumens (white LED)
LAMP	1 White Maxbright LED (dimnable) 1 Red Ultrabright LED (dimnable)
BURN TIME	18 Hours
BATTERIES	Lithium Rechargeable (built in)
WEIGHT	5.4oz / 155g
WATER RESISTANT	IPX6 (powerful spray)

TECHNOLOGY



LED COLOR	WHITE		RED	
MODE	High	Low	High	Low
BURNTIME	6h	18h	7h	22h





#PRINCETONTEC



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