



PERSONAL LIGHTING PRODUCTS | 2018

PROUDLY  
MANUFACTURED  
IN THE USA  
SINCE 1975



BE BRIGHT. Since 1975, Princeton Tec has developed products for everyone from the professional to the outdoor sports enthusiasts. Princeton Tec's 40+ 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 continues to drive the growth and development of Princeton Tec and its products.



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#LIGHTCONQUERS



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OUTDOOR

DIVE

INDUSTRIAL

TACTICAL





# TECHNOLOGY DEFINED

OUTDOOR

## BATTERY POWER METER



The battery power meter provides continuous feedback on the condition of the batteries, indicating high, medium or low battery life. This information allows you to make educated decisions about changing batteries or packing a spare set.

## BEAM DISTANCE

Princeton Tec measures beam distance as the distance from the light source at which the light emitted is greater than 0.25 lumens, an amount of light which is similar to the amount of light that is cast by a full moon on a clear night.

## BEAM PATTERNS FOCUSED NARROW BEAMS



This pattern creates a long, powerful beam of light excellent for illuminating distant areas, or for use during fast paced activities.

## FOCUSED WIDE BEAM



This beam pattern is an excellent choice for multipurpose activities. At close range, wide beams simulate normal daylight conditions and allow you to take advantage of your peripheral vision.

## MULTIPLE MODE



Multiple settings on many of our products give you the flexibility to adjust your light's brightness to illuminate greater distances or to conserve battery power, depending on your needs.

## MULTIPLE BEAM



This beam pattern combines focused narrow and wide beams to allow for the most versatility. At close range, the wide beams simulate normal daylight conditions so you can take advantage of your peripheral vision, while focused narrow beams provide distance illumination.

## BURN TIME/LIGHT DURATION

Burntime is the time from the initial light output using fresh batteries, until the light output reaches .25 lux. This testing procedure is commonly referred to as the "Moonlight Standard," which was agreed upon by several headlamp manufacturers around 2002.

## 360° LIGHT



This light is designed for area illumination, and disperses light in a 360 degree pattern to light up a campsite or other area.

## HALOGEN INCANDESCENT BULBS



work in exactly the same way as traditional incandescent bulbs found in your home, with one major difference: they contain halogen gas instead of nitrogen or argon. This difference allows the bulb to burn brighter, more efficiently, and for longer periods of time. The bulb needs to be replaced less frequently since filament life is extended.

## XENON INCANDESCENT BULBS



come closest to replicating the color temperature of daytime light. They also generate about twice the brightness and consume about half the power of traditional halogen bulbs. Xenon lights are well-suited to applications where a long-throwing beam is required.

## WEIGHT



Princeton Tec's advertised product weights always include batteries. For many products, battery weight is a large percentage of overall weight. Weight can be significantly reduced by using lithium batteries in lithium-compatible products.

## UL CERTIFICATION



Underwriters Laboratories Inc. (UL) is an independent, not-for-profit product-safety testing and certification organization. They have been testing products for public safety for more than a century. In order for a product to bear the certified UL Mark, it must pass all UL requirements at their testing facility.

Princeton Tec lights that are UL certified fall into one of the following classifications: Class I - Division II - Groups A, B, C, & D, Class II - Division II - Groups F, & G, or Class I - Division I - Groups A, B, C, & D. Refer to the comparison chart in the rear of the catalog. Class I - Division II - Groups A,B,C,& D will be noted with one (+) Class II - Division II - approved for Groups F, & G, will be noted with two (++) - Class I - Division I Approved for groups A, B, C & D will be noted with three (+++)

## LED

Light Emitting Diodes, commonly called LEDs, are illuminated by the movement of electrons in a semiconductor material. Unlike ordinary incandescent bulbs, LEDs are extremely efficient, don't have a filament that will burn out, and virtually last forever. LEDs are small, lightweight, and encased in a hard epoxy, making them virtually indestructible. LED technology is advancing rapidly to produce longer-throwing, brighter, whiter and more efficient light sources. All of the LEDs used in Princeton Tec's products are the highest quality available

## MAXBRIGHT LED



The highest quality LED available. Princeton Tec's Maxbright LED is extremely bright and efficient. This single LED emits a smooth, powerful, white light useful for a wide range of tasks. Princeton Tec uses collimators or reflectors with the Maxbright LED depending upon the application.

## ULTRABRIGHT LED



The Ultrabright LED is bright and efficient. The smooth, white, wide-beam light emitted by Ultrabright LEDs is ideal for close to mid-range tasks. Ultrabright LEDs are usually grouped together to offer a more powerful light source. Advances currently underway will continue to improve the efficiency and brightness of Ultrabright LEDs.

## LED OPTIC COLLIMATOR



A collimator gathers all available light from an LED in the form of scattered rays and re-emits the light as parallel rays, making it more optically efficient than a standard reflector. Princeton Tec calibrates each collimator to the type of LED and application of each light. With proprietary optimized collimator/lens systems, Princeton Tec continues to advance LED technology.

## REGULATED LED/CONSTANT BRIGHTNESS



Princeton Tec lights that feature regulated LEDs have a sophisticated regulating circuit that maintains initial brightness as long as the batteries have sufficient voltage. Traditional lights are very bright initially, but immediately begin to dim and continue to dim until the batteries are drained. Constant Brightness is a term used to describe products that have regulated LEDs.

## LUMEN



The light output of Princeton Tec lights is measured in lumens. A lumen is unit derived by the International System of Units (SI) for measuring light output.

## DIMMABLE LEDS



Dimmable LEDs provide the precise output needed for a given task, and help conserve battery power for maximum efficiency.

## HEATSINK TECHNOLOGY



Princeton Tec's proprietary ultralight heatsinks protect LEDs from overheating. Even though LEDs operate at much lower temperatures than traditional incandescent bulbs, they still generate heat. If this heat is not dissipated, the LED will suffer irreversible damage. By using heatsinks, Princeton Tec lights can burn at extreme brightness levels for long periods of time. The heatsink may be incorporated internally or externally depending on the product and its application.

## WATERPROOF RATING SYSTEM

Princeton Tec has been designing lights that are compatible with the water for over 40 years. Our lights are rated according to the International Electrotechnical Commission (IEC) standard.

## IPX4



rated lights are designed for water resistance to splashing and quick dunkings. If a light with a IPX4 rating is accidentally submerged for a longer period of time, the batteries should be removed and the cabinets should be carefully inspected for signs of battery leakage. If water has entered the housing, the light should be dried and batteries replaced.

## IPX7



rated lights provide waterproof integrity down to 1 meter for up to 30 minutes.

## IPX8



rated lights provide waterproof integrity for continual submersion in water at depths down to 100 meters. Lights that conform to this rating are commonly referred to as diveable.





# OUTDOOR

Tried and tested to help you go  
farther, higher and faster.

OUTDOOR



# LANTERNS

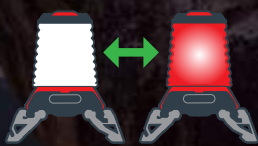
## THE HELIX SERIES

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 from all different angles, whether you're cooking, playing cards, or getting settled in the tent. 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 break camp.

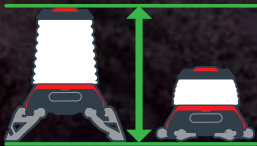
### Multiple hanging and positioning options



### Dimmable white & red modes



### Packs down to half size



Adam Nawrot



Eric Capers



Lachlan McVie

OUTDOOR

## HELIX<sup>®</sup> BACKCOUNTRY

### RECHARGEABLE

Whether the evening brings you to the back yard or the backcountry, the rechargeable version of Helix Backcountry packs the goods. An industry standard micro-USB port powers up the rechargeable battery that allows this lightweight lantern to put out a bright beam that's easy on the eyes - perfect for around camp or in your tent. The Helix Backcountry Rechargeable uses swipe control to give access to two dimmable options: a bright white mode, as well as a red mode for low profile use. 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.

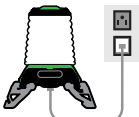
#### SPECS

POWER	150 Lumens (white LED)
LAMP	1 White Maxbright LED (dimmable) 1 Red Ultrabright LED (dimmable)
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



## HELIX<sup>®</sup> BACKCOUNTRY

It sure is nice to bring along a few creature comforts even when you're headed way out there. Helix Backcountry is a compact, lightweight lantern which puts out a bright beam that's easy on the eyes - perfect for around camp or in the tent. All Helix Backcountry models have a swipe control that is free of buttons, and gives access to white and red modes, both dimmable. The expanding globe and folding legs help Helix Backcountry to shine over a wide area. The lantern design even incorporates several hanging options.

#### SPECS

POWER	150 Lumens (white LED)
LAMP	1 White Maxbright LED (dimmable) 1 Red Ultrabright LED (dimmable)
BURN TIME	24 Hours
BATTERIES	3 AAA Alkaline (included)
WEIGHT	5.4oz / 155g
WATER RESISTANT	IPX6 (powerful spray)

#### TECHNOLOGY



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

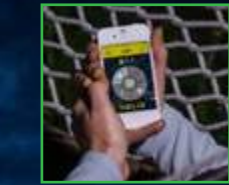




Chelsi Hower

Bradley Strahm

Caitie Caroleo



Search for the free app  
“Helix Lantern Control”  
on App Store.

# HELIX® BASECAMP

Willing to trade a little extra space for some extra light? The Helix Basecamp lanterns share most features with their smaller counterparts, the Backcountry, but supply more light. Helix Basecamp packs the latest LEDs, while the collapsible globe keeps the light soft on the eyes. Folding legs raise the lantern up to ensure it lights up a wide area, while multiple hanging options add versatility. While the Helix Backcountry lanterns rely on a flat swipe control, the Basecamp's dial controls dimmable white and red LEDs in the same intuitive manner as old-school gas lanterns.

## SPECS

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

## TECHNOLOGY



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

# HELIX® BASECAMP BLUETOOTH



The top of the line! Helix Bluetooth has a rechargeable battery and allows full control from your smartphone or tablet via bluetooth, no wifi or cell signal required. Forgot the lantern on the table outside and already zipped up your sleeping bag? Want to shed some light when something goes bump in the night? For those who enjoy some technology, the Helix Bluetooth has all the bells and whistles. The application, available for iOS offers full control of up to eight Helix lanterns so tell your friends to bring theirs.

## SPECS

POWER	250 Lumens (white LED)
LAMP	1 White Maxbright LED (dimmable) 1 Red Ultrabright LED (dimmable)
BURN TIME	18 Hours
BATTERIES	Lithium Rechargeable or 3 AA Alkaline Backup option
WEIGHT	11oz / 313g
WATER RESISTANT	IPX4 (splashing water)

## TECHNOLOGY



### RECHARGEABLE BATTERY

LED COLOR	WHITE		RED	
MODE	High	Low	High	Low
BURNTIME	5h	18h	7h	22h

### 3 AA

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



# HELIX® BASECAMP RECHARGEABLE



This rechargeable model begins with the same great foundation as Helix Basecamp - a collapsible globe and folding legs aid in wide light dispersion, plus multiple hanging options. This particular lantern is powered by a rechargeable lithium ion battery, cutting down on disposable battery use and saving a bunch of cash over the life of the lantern. Plan to be away from power for a long time? Helix Rechargeable can operate on 3 AA cells if needed. The power dial controls dimmable white and red LEDs in the same intuitive manner as old-school gas lanterns. Lockout prevents accidental turn on, while a built-in USB port allows for charging a phone, GPS or other compatible device.

## SPECS

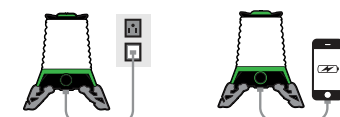
POWER	250 Lumens (white LED)	
LAMP	1 White Maxbright LED (dimmable) 1 Red Ultrabright LED (dimmable)	
BURN TIME	18 Hours	
BATTERIES	Lithium Rechargeable or 3 AA Alkaline Backup option	
WEIGHT	11oz / 313g	
WATER RESISTANT	IPX6 (powerful spray)	

### RECHARGEABLE BATTERY

LED COLOR	WHITE		RED	
MODE	High	Low	High	Low
BURNTIME	5h	18h	7h	22h

### 3 AA

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





# HEADLAMPS

## THE FAMILY SERIES

AXIS, AXIS RECHARGEABLE, SYNC, REMIX, FRED, BYTE & BOT

The Family is a line of headlamps that combines superior quality with user friendliness. All eight headlamps feature an asymmetrical single arm bracket, which securely holds the headlamp at the desired angle without any possibility of unwanted rotation. In addition, each headlamp in The Family is lightweight, and has an easily accessible battery compartment for on-the-go battery swapping.

Geoff Shirley

Eric Capers

Eric Capers

OUTDOOR

The Axis was designed to create one simple to use headlamp packing tons of functionality and allowing for customized light control for a variety of situations. The Axis features a simple, intuitive hybrid control system- a button to move you through red, spot and flood modes, and a dial to provide complete dimmability in every mode to help find the sweet spot for any task. Whether it requires a long-reaching spot beam, night vision preserving and campsite friendly red mode and anything in between, the Axis has you covered. Single arm bracket design allows for secure beam angle adjustment and three AAA batteries provide a long-lasting and easy to replace power source.

## AXIS®

NEW

### SPECS

POWER	250 Lumens
LAMP	1 Maxbright LED w/ Spot ( <i>dimmable</i> ) 1 Maxbright LED w/ Flood ( <i>dimmable</i> ) 2 Red Ultrabright LED ( <i>dimmable</i> )
BURN TIME	102 Hours
BATTERIES	3 AAA Alkaline ( <i>included</i> )
WEIGHT	2.9oz / 83g
WATER RESISTANT	IPX4 ( <i>splashing water</i> )

### TECHNOLOGY



### PERFORMANCE

4 Modes / Dimmable	⌚ Time	T. = Total Run Time
DUAL BEAM HIGH	T. 50h	
DUAL BEAM LOW	T. 67h	
SPOT HIGH	T. 14h	
SPOT LOW	T. 75h	
FLOOD HIGH	T. 34h	
FLOOD LOW	T. 102h	
RED HIGH	T. 15h	
RED LOW	T. 109h	
DISTANCE (m)	0 3 7 8 15 17 30 32 35	

The Axis Rechargeable headlamp shares a common platform with the alkaline-powered Axis. Employing a really clever user interface that allows direct access to any mode and ultimate flexibility through complete dimmability, this light has a surprise waiting just behind the battery door. Flip the door open to gain access to the industry-standard micro-USB port for charging. The built in battery power meter shows when charging is complete, and modern rechargeable battery technology means this headlamp will have a consistent output in a wide range of temperatures. Many people are thinking about switching to rechargeable headlamps for convenience, long term-savings on batteries and to minimize their impact on the environment. With the Axis Rechargeable, you don't have to give up features for savings and environmental benefits.

## AXIS®

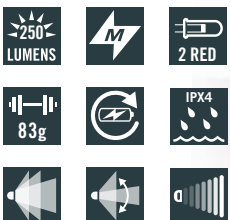
RECHARGEABLE

NEW

### SPECS

POWER	250 Lumens
LAMP	1 Maxbright LED w/ Spot ( <i>dimmable</i> ) 1 Maxbright LED w/ Flood ( <i>dimmable</i> ) 2 Red Ultrabright LED
BURN TIME	54 Hours
BATTERIES	Lithium Ion Rechargeable ( <i>built-in</i> )
WEIGHT	2.9oz / 83g
WATER RESISTANT	IPX4 ( <i>splashing water</i> )

### TECHNOLOGY



### PERFORMANCE

4 Modes / Dimmable	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
DUAL BEAM HIGH	T. 2h	
DUAL BEAM LOW	T. 3h	
SPOT HIGH	T. 2h	
SPOT LOW	T. 17h	
FLOOD HIGH	T. 8h	
FLOOD LOW	T. 54h	
RED HIGH	T. 32h	
RED LOW	T. 179h	
DISTANCE (m)	0 2 4 5 12 14 26 27 33	





Josh Preissner



Guto Oliveira



Lachlan McVie

# SYNC®

The Sync's claim to fame? Simplicity. Intuitively cycle through modes using the large dial on the side and skip button pressing sequences - a must for tasks where you need to control modes on the fly, like running, and places where thick gloves are a must. When developing the Sync we started with the proven foundation of our stable asymmetrical single arm bracket, integrated essential modes to please a wide variety of discerning users, and tied it all together with an easy to use interface. The Sync's max mode, Dual Beam, a combination of spot and flood; supplies a long throw of concentrated light and a smooth wide beam to illuminate the area around you.



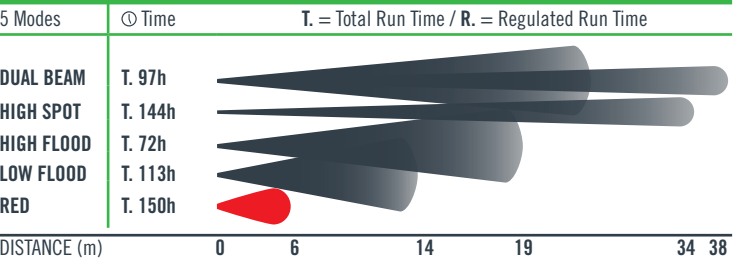
## SPECS

POWER	200 Lumens
LAMP	1 Maxbright LED w/ Spot Beam 1 Maxbright LED w/ Flood 1 Red Ultrabright LED
BURN TIME	144 Hours
BATTERIES	3 AAA Alkaline (included)
WEIGHT	2.9oz / 83g
WATER RESISTANT	IPX4 (splashing water)

## TECHNOLOGY



## PERFORMANCE



# FRED®

The founding member of The Family, the Fred combines ergonomic design, reliable function, and light weight to make one killer headlamp. The red LED helps preserve night adjusted vision while still adequately illuminating a campsite, gear bag, or task at hand. A hold of the large push button switches to three Ultrabright white LEDs that provide a flood beam; each color has a high and low mode.



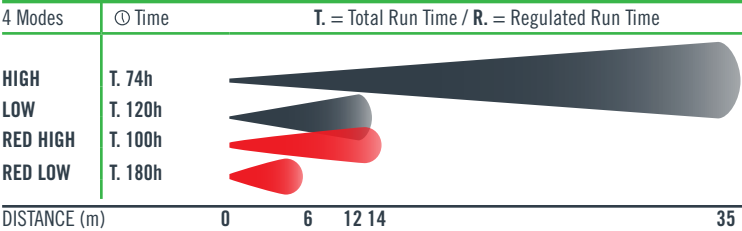
## SPECS

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

## TECHNOLOGY



## PERFOTMANCE



# REMIX®

The Remix is a staple of The Family series, 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. Users who prefer CR123 batteries should consider the Remix Pro.



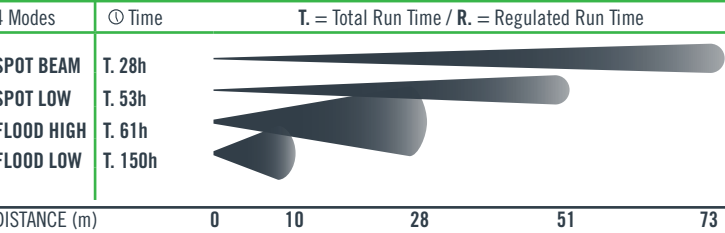
## SPECS

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



# REMIX® RECHARGEABLE

Starting with the hybrid LED array of the Remix headlamp, the Remix Rechargeable gains a rechargeable lithium-ion battery pack, rear mounted for balance and to provide a platform for flashing rear lights. A micro-USB port allows for charging, and the battery power meter shows charge status at a glance. This dual fuel light can run on three AAA batteries should the need arise. Light head rotates back to protect the power button during storage and transport.



Rechargeable Via Mini USB;  
AA Backup Option Built In

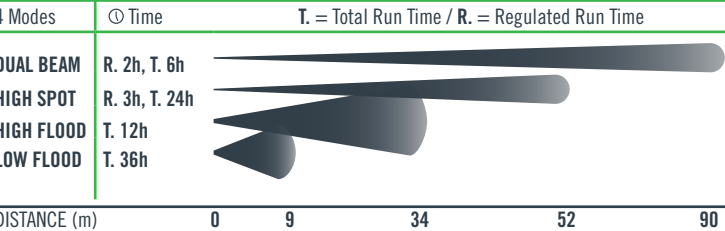
## SPECS

POWER	200 Lumens
LAMP	1 Maxbright LED (dimnable) 3 Ultrabright LEDs (dimnable)
BURN TIME	36 Hours
BATTERIES	Lithium Rechargeable or 3 AAA Alkaline
WEIGHT	155g
WATER RESISTANT	IPX4 (splashing water)

## TECHNOLOGY



## PERFOTMANCE RECHARGEABLE BATTERY







Eric Capers



Eric Capers



Luke Kelly



George Chevalier

OUTDOOR

# BYTE®

Don't be fooled by its size! Smaller and lighter than the Sync and Axis, the Byte has always packed a powerful punch in a compact package, but a recent upgrade brings it up to 100 lumens, making it even more impressive. The softer side of Byte comes in the form of a red Ultrabright LED to ensure your night vision will never be compromised. Byte is equipped with a digital battery lockout, asymmetrical single arm bracket, easily accessible battery door enclosure, and large push button switch, all at a mere 64 grams.



## SPECS

POWER	100 Lumens
LAMP	1 Maxbright LED 1 Red Ultrabright LED
BURN TIME	58 Hours
BATTERIES	2 AAA Alkaline (included) or Lithium
WEIGHT	2.25oz / 64g
WATER RESISTANT	IPX4 (splashing water)

## TECHNOLOGY



## PERFORMANCE

3 Modes	☉ Time	T. = Total Run Time / R. = Regulated Run Time
HIGH SPOT	T. 3h	
LOW SPOT	T. 58h	
RED	T. 63h	
DISTANCE (m)	0	6 18 24 48

# BOT®

Small, simple, and ready for action: meet the Bot. The smallest member of The Family is designed with the same ergonomic features, ruggedness and reliability of the other members, but with a fun and bright twist. Durable plastics, a single arm bracket, and large push button make the Bot sturdy and simple to operate. The battery compartment on the Bot screws shut to ensure that the batteries will not be accidentally accessed by little fingers. In addition, the Bot's headstrap is equipped with a safety buckle that will release under excessive pressure. The Bot is a great way to introduce The Family to your family.



## SPECS

POWER	15 Lumens
LAMP	2 Ultrabright LEDs
BURN TIME	9 Hours
BATTERIES	2 AAA (included)
WEIGHT	2.25oz / 64g
WATER RESISTANT	IPX4 (splashing water)

## TECHNOLOGY



## PERFORMANCE

3 Modes	☉ Time	T. = Total Run Time / R. = Regulated Run Time
HIGH FLOOD	T. 4.5h	
HIGH FLOOD	T. 11h	
LOW	T. 9h	
DISTANCE (m)	0	15 27

# STASH®

Pack your headlamp in this lightweight zippered case. The Stash fits Axis, Bot, Byte, Sync, Fuel, Remix, Vizz, Quad, EOS, Quad Tac, EOS Tac, Fred and Remix Pro.



# BOT® RIP N' RUN

Bot headlamp is available in eye-catching counter-top displays to help customers conveniently grab a light on the way to checkout.

## SPECS

- 10 products per box
- Assorted product colors
- 100% cardboard packaging eliminates waste
- Minimal footprint - 8.25" wide x 11.5" deep



# HEADLAMPS

## PROFESSIONAL SERIES

VIZZ, QUAD, EOS, APEX, APEX PRO & APEX RECHARGEABLE

**Professional Series** headlamps feature extreme durability and one meter waterproof ratings as the result of high-end materials and a special manufacturing process which molecularly bonds the lens, battery compartment, power button and light housing. Regulated circuitry ensures even brightness through battery life and allows the use of lithium batteries for cold weather performance.

Geoff Shirley



Josh Preissner



Adam Nawrot

OUTDOOR

# 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. Regulated circuitry delivers consistent light output over an extended period of time. When not in use the Vizz can be locked to prevent accidental turn on, and the translucent switch acts as a low battery indicator. The Vizz's combination of durability and power make it an ideal choice for any demanding environment.

### SPECS

POWER	350 Lumens
LAMP	1 Maxbright LED (regulated), (dimmable) 2 White Ultrabright LEDs (dimmable) 2 Red Ultrabright LEDs (dimmable)
BURN TIME	110 Hours
BATTERIES	3 AAA Alkaline (included) or Lithium
WEIGHT	3.2oz / 92g
WATERPROOF	IPX7 (1 meter)

### TECHNOLOGY



### PERFORMANCE

5 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
SPOT	R. 1h, T. 110h	
FLOOD HIGH	R. 6h, T. 104 h	
RED	R. 16h, T. 150h	
DISTANCE (m)	0	16 24 78

# QUAD®

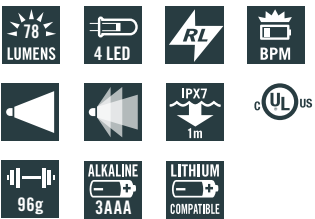


A legend in the Professional Series, the Quad is equipped with four Ultrabright LEDs that illuminate the darkest conditions with a wide flood beam. Quad's housing features a molecularly bonded O-ring seal for waterproof durability. With a low battery indicator, a separately molded battery tray and high-grade materials, the Quad is a popular headlamp for paddling and general outdoor use. Also available are Quad Tac with three colored filters, and the CL1DIV1 Intrinsically Safe Quad II.

### SPECS

POWER	78 Lumens
LAMP	4 Ultrabright LEDs (regulated)
BURN TIME	108 Hours
BATTERIES	3 AAA Alkaline (included) or Lithium
WEIGHT	3.4oz / 96g
WATERPROOF	IPX7 (1 meter)

### TECHNOLOGY



### PERFORMANCE

4 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
HIGH	R. 1h, T. 80h	
FLASH	R. 12h, T. 150h	
MEDIUM	R. 5h, T. 92h	
LOW	R. 10h, T. 108h	
DISTANCE (m)	0	17 24 50

# EOS®

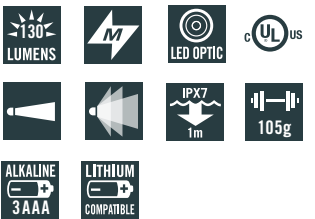


The durable EOS is an outdoorsman's dream come true. With a single long-throw Maxbright LED encased in a rugged, watertight housing, the EOS is up to any challenge that a trail, site, slope, or stream will throw at you. Four output modes (high, medium, low, and flash) allow the EOS to keep its brightness while the batteries remain at optimum levels. Also available are the EOS Tac with three colored filters, and the CL1DIV1 Intrinsically Safe EOS II.

### SPECS

POWER	130 Lumens
LAMP	1 Maxbright LED
BURN TIME	97 Hours
BATTERIES	3 AAA Alkaline (Included) or Lithium
WEIGHT	3.7oz / 105g
WATERPROOF	IPX7 (1 meter)

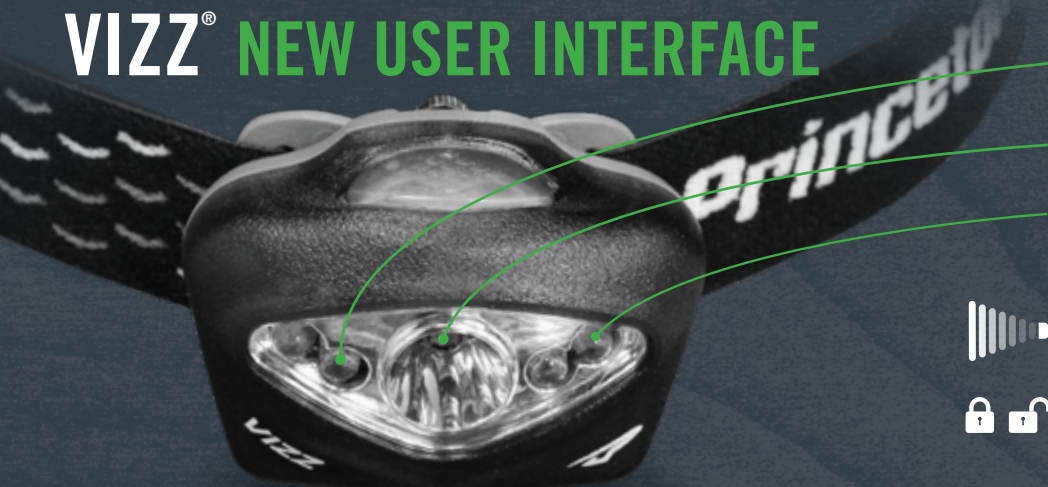
### TECHNOLOGY



### PERFORMANCE

4 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
HIGH	T. 86h	
FLASH	T. 92h	
MEDIUM	T. 92h	
LOW	T. 97h	
DISTANCE (m)	0	26 61 86

# VIZZ® NEW USER INTERFACE



**SINGLE PRESS**  
Red flood mode

**DOUBLE PRESS**  
White spot mode

**TRIPLE PRESS**  
White flood mode



**HOLD FROM OFF**  
Activates & adjusts dimmability all modes



**HOLD FROM OFF (5 SECONDS)**  
Lock or Unlock to prevent accidental activation





APEX®

The brightest headlamp in our professional series, the Apex, has been a favorite of extreme outdoorsmen and cavers for years. This powerhouse stand-by is receiving an upgrade this year via a new user interface and added light output and battery consumption control through dimmability in all modes. The pinnacle of waterproof LED headlamp design, the 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, has two switches that make changing modes intuitive and proprietary heatsink technology allows the LEDs to burn brighter and longer.

SPECS

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

TECHNOLOGY



PERFORMANCE

5 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
SPOT HIGH	R. 1h, T. 72h	
SPOT LOW	R. 7h, T. 96h	
FLOOD HIGH	R. 7h, T. 100h	
FLOOD FLASH	R. 20h, T. 200h	
FLOOD LOW	R. 14h, T. 150h	
DISTANCE (m)	0	22 43 67 120

APEX® RECHARGEABLE

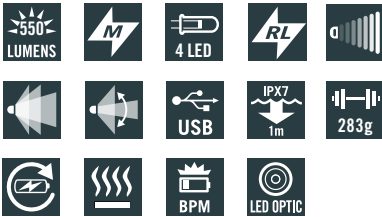


The Apex Rechargeable takes the durability and power of the original Apex headlamp and offers an option to cut down on battery cost and waste. The rechargeable lithium ion battery pack comes clipped to the headstrap and can be moved to your belt or pack with an extended power cable. A USB charging cable comes with the headlamp, making it easy to replenish the Apex Rechargeable's battery power. The Apex Rechargeable provides either a powerful spot beam or a bright flood with two big buttons that make switching between modes easy.

SPECS

POWER	550 Lumens
LAMP	1 Maxbright LED (reg.), (dim.) 4 Ultrabright LEDs (reg.), (dim.)
BURN TIME	90 Hours
BATTERIES	Rechargeable Lithium Ion
WEIGHT	10oz / 283g
CHARGE TIME	3+ Hours
WATERPROOF	IPX7 (1 meter)

TECHNOLOGY



PERFORMANCE

5 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
SPOT HIGH	R. 5h, T. 5h	
SPOT LOW	R. 8h, T. 8h	
FLOOD HIGH	R. 23h, T. 23h	
FLOOD FLASH	R. 90h, T. 90h	
FLOOD LOW	R. 90h, T. 90h	
DISTANCE (m)	0	26 43 67 120

APEX® PRO

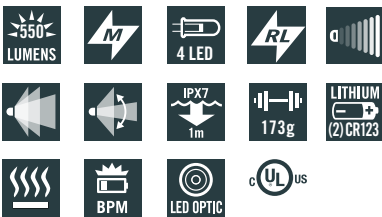


When you need the power, versatility, and ruggedness of our waterproof Apex headlamp, but you're looking for a lighter weight option, you need the Apex Pro. The slimmed down Apex Pro was designed with the unique and ever evolving needs of professional runners and extreme adventurers in mind. The Apex Pro is powered by 2 CR123 lithium batteries protected in a highly durable and waterproof housing. Not only lighter in weight, lithium batteries are better suited for cold weather. Built for professionals, perfect for all users.

SPECS

POWER	550 Lumens
LAMP	1 Maxbright LED (reg.), (dim.) 4 Ultrabright LEDs (reg.), (dim.)
BURN TIME	35 Hours
BATTERIES	2 CR123 Lithium (included)
WEIGHT	6.10z / 173g
WATERPROOF	IPX7 (1 meter)

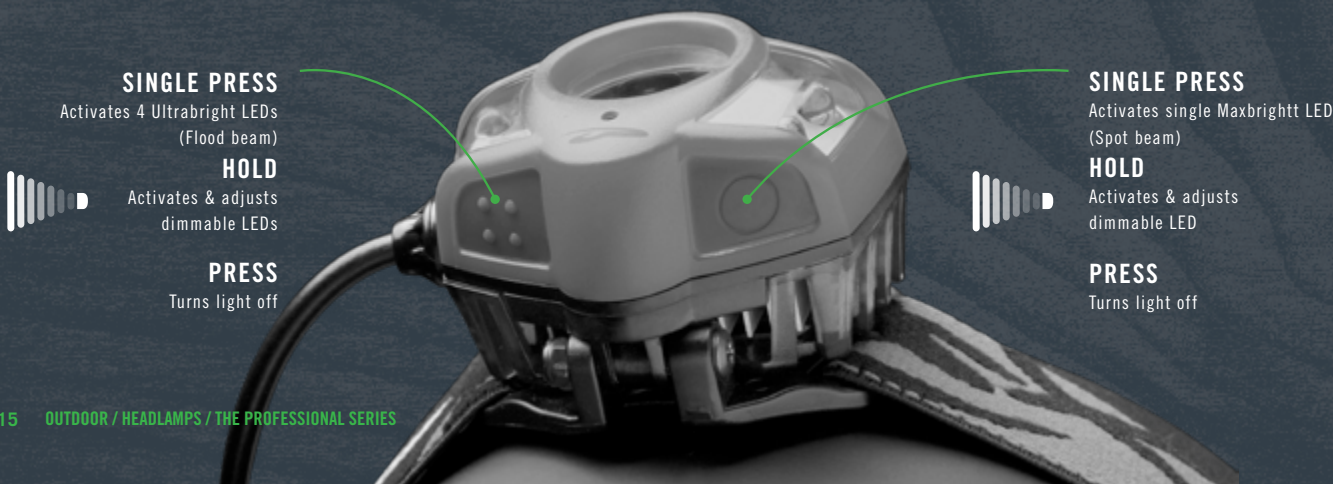
TECHNOLOGY



PERFORMANCE

5 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
SPOT HIGH	R. 1.5h, T. 15h	
SPOT LOW	R. 5.5h, T. 20h	
FLOOD HIGH	R. 5.5h, T. 20h	
FLOOD FLASH	R. 20h, T. 75h	
FLOOD LOW	R. 12h, T. 35h	
DISTANCE (m)	0	22 43 67 120

APEX® NEW USER INTERFACE



**SINGLE PRESS**  
Activates 4 Ultrabright LEDs  
(Flood beam)

**HOLD**  
Activates & adjusts  
dimmable LEDs

**PRESS**  
Turns light off

**SINGLE PRESS**  
Activates single Maxbright LED  
(Spot beam)

**HOLD**  
Activates & adjusts  
dimmable LED

**PRESS**  
Turns light off



# HANDHELDS

Princeton Tec may be best known for headlamps, but our first lights were actually handhelds designed for SCUBA divers. Today, Princeton Tec makes a variety of handheld lights, from high-power spotlights to tiny lights that fit in the palm of your hand, as well as everything in between. And yes, we still make a full line of lights for divers too!



George Chevalier

# 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



Eric Capers

OUTDOOR

## TEC-1

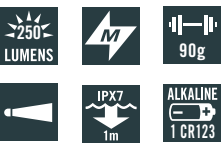
The newest handheld lights from Princeton Tec are inspired by our decades of experience creating lights for the most demanding users. These lights have a heart of metal, wrapped by an outside made of the highest quality injection molded polymers. The TEC 1 is powered by a single CR123 cell, blasting 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
BURN TIME	1 hour, 15 minutes
BATTERIES	1 CR123 (included)
WEIGHT	3.2oz / 90g
WATERPROOF	IPX7 (1 Meter)

### TECHNOLOGY



### PERFORMANCE

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

## TEC-2

The TEC 2 shares all the the features of the TEC 1, but in a bigger package. 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 with a longer burn time. 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
BURN TIME	3 hours, 10 minutes
BATTERIES	2 CR123 (included)
WEIGHT	4.2oz / 120g
WATERPROOF	IPX7 (1 Meter)

### TECHNOLOGY



### PERFORMANCE

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



# AMP® 1L RIP N' RUN

The popular Amp 1L is available in a striking countertop display with fifteen lights, five of each color to please any customer.

## SPECS

- 10 products per box
- Assorted product colors
  - 100% cardboard packaging eliminates waste
  - Minimal footprint - 10” wide x 7.5” high x 7” deep



# AMP® 1L KAYAK MOUNT

Princeton Tec developed this kayak mount to increase the utility of the already versatile Amp 1L handheld flashlight. Snap an Amp 1L into your kayak mount and it becomes a marker light, a spotlight, or an adjustable area light that frees up your hands to tie knots and perform other tasks.



Available with or without Amp 1L Flashlight



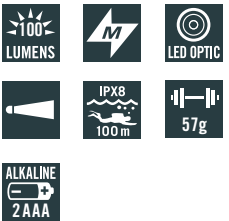
# AMP® 1L

The tiny Amp 1L packs an impressive 100 lumen LED spot beam. Waterproof to 100M and equipped with a large carabiner loop, this handheld light is always at the ready, and comes with a snap on cone to turn it into a marker light. The cone also makes Amp 1L a useful hanging lantern or area light. When you are done exploring, the Amp 1L will still be your favorite piece of gear with its built-in bottle opener.

## SPECS

POWER	100 Lumens
LAMP	1 Maxbright LED
BURN TIME	72 Hours
BATTERIES	2 AAA Alkaline (included)
WEIGHT	2oz / 57g
WATERPROOF	IPX8 (100 meters)

## TECHNOLOGY



## PERFORMANCE

1 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
HIGH SPOT	T. 72h	
DISTANCE (m)	0	32 64



OPENS BOTTLES

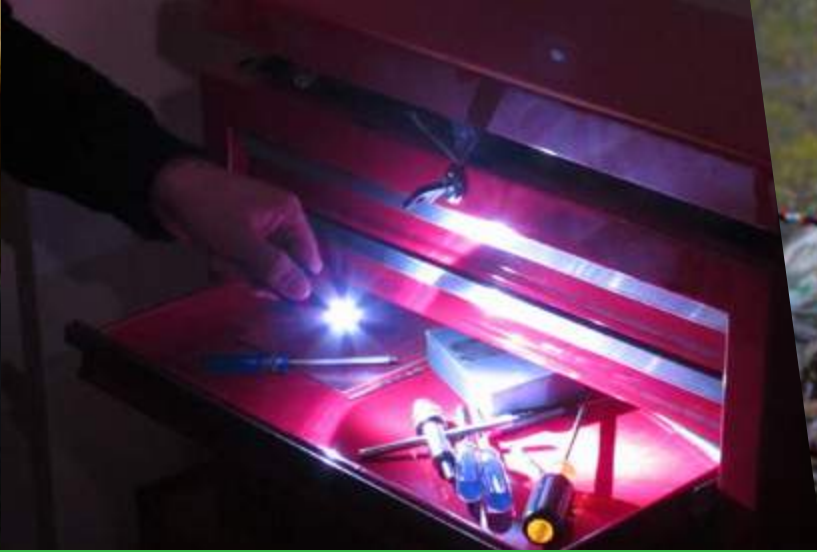


CONE FOR 360° OF LIGHT





Chris Shontz



OUTDOOR

# SECTOR® 5



The waterproof Sector 5 is a handheld spotlight that is great for peering into dark woods or crevices, flooding the immediate area with light, or helping navigate waterways at night. The sturdy Sector 5 spotlight has a comfortable pistol grip, with a trigger designed to offer easy momentary on or constant illumination via a half or full pull. To prevent accidental illumination and battery drain while in transit or storage, the trigger features a lock out switch.

SPECS		TECHNOLOGY		
POWER	550 Lumens			
LAMP	1 Maxbright LED (regulated)			
BURN TIME	24 Hours			
BATTERIES	4 C Alkaline (included)			
WEIGHT	22.9oz / 650g			
WATERPROOF	IPX8 (100 meters)			

PERFORMANCE	
1 Modes	⌚ Time T. = Total Run Time / R. = Regulated Run Time
HIGH SPOT	R. 3h, T. 24h
DISTANCE (m)	0 100 200

# AMP® 3.5



The Amp 3.5 uses our rugged and lightweight thermoplastic body, overmolded for an ergonomic, positive grip. Equipped with a powerful 170 lumen spot beam the Amp 3.5 shines up to 75 meters in high output mode. Key the power button again to switch to the power sipping low output mode. The Amp 3.5 can always be at the ready with the included adjustable nylon lanyard and lanyard loop molded into the tail.

SPECS		TECHNOLOGY		
POWER	170 Lumens			
LAMP	1 Maxbright LED			
BURN TIME	86 Hours			
BATTERIES	4 AAA Alkaline (Included)			
WEIGHT	4.3oz / 122g			
WATERPROOF	IPX7 (1 meter)			

PERFORMANCE	
2 Modes	⌚ Time T. = Total Run Time / R. = Regulated Run Time
HIGH	R. 2h, T. 86h
LOW	R. 4h, T. 86h
DISTANCE (m)	0 56 80

# 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, the Pulsar II can also be illuminated merely by squeezing its compact, lightweight body.

SPECS		TECHNOLOGY		
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)			

# 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, book bags, zippers and emergency situations.

SPECS		TECHNOLOGY		
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)			

# IMPULSE®



Includes hat-clip & carabiner-clip

The Impulse is the ultimate personal multi-task light! Powered by 2 lithium coin cells, the Ultrabright LED burns up to 36 hours and has 3 modes: low, high and flash. With its quick release clip, hat clip, and a range of colors to choose from, you'll want one for each of your keychains and backpacks! Impulse is UL® Class 1, Division 2 approved.

SPECS		TECHNOLOGY		
POWER	10 Lumens			
LAMP	1 Ultrabright LED			
BURN TIME	36 Hours			
BATTERIES	(2) 2016 Lithium Coin Cell (included)			
WEIGHT	.6oz / 17g			
WATER RESISTANT	IPX4 (splashing water)			



# MARKER LIGHTS

OUTDOOR



## AQUA STROBE® LED

The Aqua Strobe LED promises to grab attention when activated, whether you are under, above or nowhere near water. A simple twist operation turns the strobe on and also helps to prevent accidental activation. A buoyant cone keeps the light pointed up whether found underwater or at the surface. The Aqua Strobe LED can attach to your BC, tank, or anchor line, as well as a PFD or pack and comes with both a Velcro strap and lanyard.

### 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



## MERIDIAN® STROBE / CONSTANT



The Meridian LED Marker Light features white emergency strobe and white constant on “locator mode.” The constant on mode also works well as an area light. This emergency strobe and personal locator light is visible for over a mile. The body is low-profile and adaptable to a wide range of uses: attachment to PFD or other objects with 1” webbing is possible. The toggle switch allows for operation with gloves. Want to test the Meridian Marker Light’s versatility? Use it as a lantern next time you camp.

### SPECS

POWER	100 Lumens (white LED) Visible Over a Mile
LAMP	1 White Maxbright LED (flashing) 1 White Maxbright LED (constant)
MAX BURN TIME	60 Hours
BATTERIES	3 AAA Alkaline (included)
WEIGHT	101g
WATERPROOF	IPX8 (100 meters)

### TECHNOLOGY



### 2 MODES



## MERIDIAN® STROBE / BEACON



Similar to the above mentioned Meridian marker light, the Meridian Personal Locator Light is a Strobe/Beacon that is visible over a mile and built with a low-profile body adaptable to a wide variety of uses. This model of the Meridian features a red locator beacon and white emergency strobe. The toggle switch is also large and easy to find, allowing for operation with gloves.

### SPECS

POWER	100 Lumens (white LED) Visible Over a Mile
LAMP	1 White Maxbright LED (flashing) 1 Red Maxbright LED (flashing)
MAX BURN TIME	60 Hours
BATTERIES	3 AAA Alkaline (Included)
WEIGHT	3.5oz / 101g
WATERPROOF	IPX8 (100 meters)

### TECHNOLOGY



### 2 MODES











# DIVE

Experience the depths in a whole new light with our wide range of waterproof lights

DIVE



# LED HANDHELDS

# SECTOR SERIES

The Sector 5 and Sector 7 are packing the highest output ever, courtesy of a superior LED and innovative reflector and heat-sink design. A favorite of those who need to rely on serious light, whether wreck diving, spearfishing or somewhere in between, the robust, bright and easy to use Sector Series will help you explore the deep in a whole new light.



POWERFUL SINGLE  
MAXBRIGHT LED



TRIGGER SWITCH

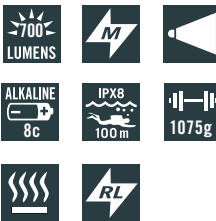
## SECTOR® 7

The Sector 7 concentrates a whopping 700 lumens of intense light into a well balanced, impressively powerful spotlight. Each set of batteries will give you 30 hours of runtime; guiding your way for countless dives. 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 illumination and battery drain while in transit or storage, ensuring your batteries arrive to your next dive destination fresh.

### SPECS

POWER	700 Lumens
LAMP	1 Maxbright LED <i>(regulated)</i>
BURN TIME	30 Hours
BATTERIES	8 C Alkaline <i>(included)</i>
WEIGHT	37.9oz / 1075g
WATERPROOF	IPX8 <i>(100 meters)</i>
BEAM	Wide

### TECHNOLOGY



### PERFORMANCE

1 Mode	⌚ Time	R. = Regulated Run Time / T. = Total Run Time
HIGH	R. 4h, T. 30h	
DISTANCE (m)	0	100 210

## SECTOR® 5

The potent 550 lumen Sector 5 is a serious primary dive light, delivering extensive illumination underwater. 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	550 Lumens
LAMP	1 Maxbright LED <i>(regulated)</i>
BURN TIME	24 Hours
BATTERIES	4 C Alkaline <i>(included)</i>
WEIGHT	33oz / 650g
WATERPROOF	IPX8 <i>(100 meters)</i>
BEAM	Wide

### TECHNOLOGY



### PERFORMANCE

1 Mode	⌚ Time	R. = Regulated Run Time / T. = Total Run Time
HIGH	R. 3h, T. 24h	
DISTANCE (m)	0	100 200



# LEAGUE®

Meet our best selling dive light: the League. An ergonomic angled head and featherweight design creat a perfectly balanced underwater flashlight. The League even feels good enough in hand to become your favorite on dry land, too. 260 focused lumens are packed into the durable body, providing impressive output for it's compact size.

### SPECS

POWER	260 Lumens
LAMP	1 Maxbright LED
BURN TIME	14 Hours
BATTERIES	4 AA Alkaline (included)
WEIGHT	7oz / 203g
WATERPROOF	IPX8 (100 meters)
BEAM	Narrow

### TECHNOLOGY



### PERFORMANCE

1 Mode	⌚ Time	R. = Regulated Run Time / T. = Total Run Time
HIGH	T. 14h	<div></div>
DISTANCE (m)	0	90 190



POWERFUL SINGLE  
MAXBRIGHT LED



LOCKING SWITCH



# GENESIS®

Customers love the 1000 lumen Genesis but wanted to see a less expensive, less wasteful way to keep it shining. This slim yet powerful primary light is now fueled by a single 18650 rechargeable battery with included charger. The recessed switch surround lights up with a built-in power indicator, avoiding power level surprises. The Genesis is designed primarily for underwater use, and as such we recommend against extended use topside, particularly in high ambient temperatures.

### SPECS

POWER	1000 Lumens
LAMP	1 Maxbright LED
BURN TIME	9 Hours
BATTERIES	(1) 18650 Rechargeable Battery (included)
WEIGHT	5.5oz / 155g
WATERPROOF	IPX8 (100 meters)
BEAM	Narrow

### TECHNOLOGY



### PERFORMANCE

3 Modes	⌚ Time	R. = Regulated Run Time / T. = Total Run Time
HIGH SOS LOW	T. 8h T. 25h T. 9h	<div></div>
DISTANCE (m)	0	104 178



POWERFUL SINGLE  
MAXBRIGHT LED



RECESSED BUTTON



NEOPRENE GLOVE  
INCLUDED







# TORRENT®

Power meets versatility in the Torrent LED. It's small enough to be a backup light, but with a 330 Lumen Maxbright LED, Torrent is more than powerful enough to be a main source. Dive lights are not just for night diving, and the Torrent LED is our favorite dive light for looking into caves/crevices, restoring lost colors at depth, and daytime wreck diving. For those who need a great backup, an efficient main source, or just all around great dive light, the Torrent LED is all of the above.

## SPECS

POWER	330 Lumens <i>(regulated)</i>
LAMP	1 Maxbright LED
BURN TIME	30 Hours
BATTERIES	8 AA Alkaline <i>(included)</i>
WEIGHT	12.8oz / 365g
WATERPROOF	IPX8 <i>(100 meters)</i>
BEAM	Narrow

## TECHNOLOGY



## PERFORMANCE

1 Mode	⌚ Time	R. = Regulated Run Time / T. = Total Run Time
HIGH	R. 2h, T. 30h	<div></div>
DISTANCE (m)	0	50 116



POWERFUL SINGLE  
MAXBRIGHT LED



LOCKING SWITCH



Scott Johnson



# IMPACT® XL

We took the traditional look and feel of handheld halogen dive lights and added in our Maxbright LED to make the Impact XL. With a rubber overmold, twist bezel and rugged construction, the Impact XL is durable enough for any conditions. And with a burn time of up to 76 hours at depth, this compact light is sure to be there when you need it.

## SPECS

POWER	120 Lumens <i>(regulated)</i>
LAMP	1 Maxbright LED
BURN TIME	76 Hours
BATTERIES	4 AA Alkaline <i>(included)</i>
WEIGHT	6.9oz / 197g
WATERPROOF	IPX8 <i>(100 meters)</i>
BEAM	Narrow

## TECHNOLOGY



## PERFORMANCE

1 Mode	⌚ Time	R. = Regulated Run Time / T. = Total Run Time
HIGH	R. 9h, T. 76h	<div></div>
DISTANCE (m)	0	26 52



# 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 diving gear if you're headed under water. Convert the Amp 1L from a flashlight into a marker light by snapping on the translucent white cone included. It gets bonus points after it's main job is done: it has a built-in bottle opener, handy for post dive activities. Additional light diffusing color cones (red, blue or green) are sold separately.



### SPECS

POWER	100 Lumens
LAMP	1 Maxbright LED
BURN TIME	72 Hours
BATTERIES	2 AAA Alkaline (included)
WEIGHT	2oz / 57g
WATERPROOF	IPX8 (100 meters)
BEAM	Narrow

### TECHNOLOGY



### PERFORMANCE

1 Mode	⌚ Time	R. = Regulated Run Time / T. = Total Run Time
HIGH	T. 72h	
DISTANCE (m)	0	32 64



OPENS BOTTLES



CONE FOR 360° OF LIGHT

### CONE COLOR OPTIONS



Scott Johnson



Brian Kelly

# RIP N RUNS

The popular Amp 1L and League handhelds are now available in a striking countertop display with fifteen or nine lights respectively, in a color assortment to please any customer.



## AMP 1L RNR

### FEATURES

- 15 Lights per Box
- Colors:
  - 5 Neon Yellow
  - 5 Black
  - 5 Blue

## LEAGUE RNR

### FEATURES

- 9 Lights per Box
- Colors:
  - 3 Neon Yellow
  - 3 Black
  - 3 Blue

## AMP® 1L KAYAK MOUNT

Princeton Tec developed this kayak mount to increase the utility of the already versatile Amp 1L handheld flashlight. Snap an Amp 1L into your kayak mount and it becomes a marker light, a spotlight, or an adjustable area light that frees up your hands to tie knots and perform other tasks.





# MARKER LIGHTS



## MERIDIAN<sup>®</sup> STROBE / BEACON

The Meridian LED emergency strobe and personal locator light is visible for over a mile. The toggle switch allows for operation of red and white strobing modes. The body is designed to be low-profile and adaptable to a wide range of uses: easy attachment to PFD, SCUBA tank or any 1" webbing is possible. Built to withstand the rigors of diving, the light is waterproof to the IPX8 standard depth: 100 meters.

SPECS		TECHNOLOGY		
POWER	100 Lumens Visible Over a Mile			
LAMP	1 White Maxbright LED (flashing) 1 Red Maxbright LED (flashing)			
BURN TIME	100 Hours			
BATTERIES	3 AAA Alkaline (included)			
WEIGHT	3.5oz / 101g			
WATERPROOF	IPX8 (100 meters)			



## AQUA STROBE<sup>®</sup> LED

The Aqua Strobe LED promises to grab attention when activated, wherever you are. A single AA battery fuels the strobe. A simple twist operation turns the Aqua Strobe LED on and also helps to prevent accidental activation. A buoyant cone keeps the light pointed up whether found underwater or at the surface. The Aqua Strobe LED can attach to your BC, tank, or anchor line, as well as a PFD or pack and comes with both a Velcro strap and lanyard.

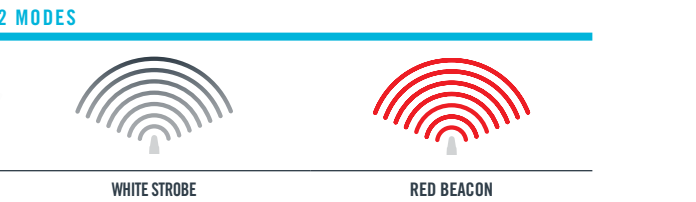
SPECS		TECHNOLOGY		
POWER	100 Lumens Visible Over a Mile 60 flashes per minute			
LAMP	1 White Maxbright LED (flashing)			
BURN TIME	12 hours			
BATTERIES	1 AA Alkaline (included)			
WEIGHT	3.3oz / 96g			
WATERPROOF	IPX8 (100 meters)			



## ECO<sup>®</sup> FLARE

A vital part of any diver's equipment bag, the Eco Flare can be set on constant high output mode for use as an area/personal locator light, or with a simple swap of an LED a flashing, red beacon for low-visibility, dark nights. Either Ultrabright LED will burn in excess of an astonishing 500+ hours on 2 AAA alkaline batteries.

SPECS		TECHNOLOGY		
POWER	10 Lumens			
LAMP	1 Red Ultrabright LED 1 White Ultrabright LED			
BURN TIME	500 Hours			
BATTERIES	2 AAA Alkaline (included)			
WEIGHT	1.5oz / 42g			
WATERPROOF	IPX8 (100 meters)			





# HEADLAMPS

Jim Hellemn, blueoceanart.com

# ACCESSORIES

Scott Johnson

## ROAM®

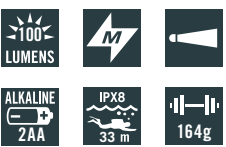


The original dive headlamp is back, brighter than ever! Decades ago, PTEC introduced a diveable headlamp. Next, we shifted focus to brighter handheld lights. Eventually the chatter joined into one request too loud to ignore: “Bring back the SCUBA headlamp!” We began with our dive-proven platform, adding a 100 lumen LED module and custom optic that delivers the focused beam that divers need. Roam can be used as a standard headlamp, and our custom adapter allows mounting on many masks or any GoPro-style mount. Roam promises reliable, hands-free light, now brighter and more efficient than ever.

### SPECS

POWER	100 Lumens
LAMP	1 Maxbright LED
BURN TIME	18 Hours
BATTERIES	2 AA Alkaline (included)
WEIGHT	5.8oz / 164g
WATERPROOF	IPX8 (33 meters)
BEAM	Narrow

### TECHNOLOGY



### PERFORMANCE

1 Mode	⌚ Time	R. = Regulated Run Time / T. = Total Run Time
HIGH	T. 18h	<div></div>
DISTANCE (m)	0	45 74



GoPro® Compatible mounting hardware included

## GADGET GEAR



### COIL LANYARD

- Ideal for use with lights, UW photo equipment or any accessory that you need to have close at hand
- When released, extends to 36"
- Available with plastic or stainless steel clip
- Black only



### MINI RETRACTOR

- Perfect for holding your gauge console, smaller lights, slates and other accessories
- Extends to 25", Spectra/Nylon cable, 60lb break force
- Black only



### OCTO HOLDER

- Releases with a quick pull and adjusts for any regulator mouthpiece
- Keeps dirt and debris out of your regulator
- Black only



### LOCKING RETRACTOR

- Extends to 30" and retracts automatically when released, use with lights and all accessories you need close at hand
- Extends to 42", Spectra/Nylon cable, 80lb break force
- Black only

## RUBBER GOODS



### MASK STRAP

- Can be used with most masks
- Split strap helps mask fit securely and comfortably in place
- Black or clear



### MOUTHPIECE

- Kraton mouthpiece
- Black or clear



### SNORKEL KEEPER

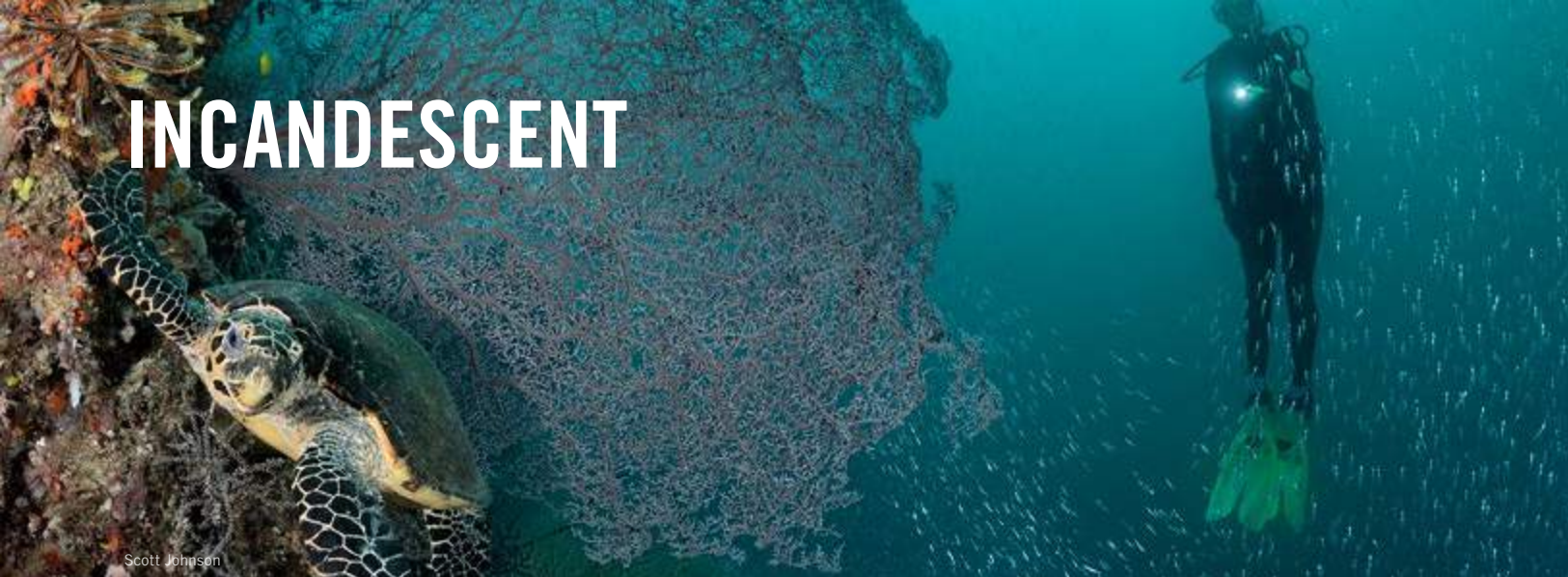
- Kraton snorkael keeper
- Black or clear



### FIN STRAP

- A universal fin strap that will fit most open heel fins
- Black only





Scott Johnson

# INCANDESCENT

## TEC® 40

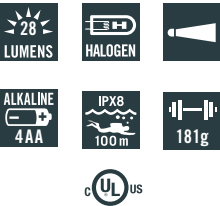
With the same ruggedness and rubber overmold as the Impact XL, the Tec 40 with halogen bulb provides a warmer light underwater. This handheld is great for backup, or as a primary daytime light, as the warm light is phenomenal for restoring lost colors on the reef. With a classic dive light look and feel, the twist bezel activated switch prevents accidental on/off.



### SPECS

POWER	28 Lumens
LAMP	1 Halogen Bulb
BURN TIME	5 Hours
BATTERIES	4 AA Alkaline <i>(included)</i>
WEIGHT	6.4oz / 181g
WATERPROOF	IPX8 <i>(100 meters)</i>
BEAM	Narrow

### TECHNOLOGY



Scott Johnson

# LIGHT KITS

## NAV® PACK

Nav Pack is Princeton Tec's no compromises light pack with the brightest dive lights we have to offer, plus two handy pieces of Gadget Gear. The pistol grip Sector 7 packs 700 lumens, activated by an easy to use trigger switch with lockout. Torrent is lightweight and pumps out 330 lumens. Amp 1L is the smallest light in the set, with a 100 lumen spot beam; snap on the included cone to turn Amp 1L into a marker light. Hold it all together with a Mini Retractor to secure your console or small lights, and a Coil Lanyard for large lights or heavier gear.



### INCLUDED



## TEC® 400

The classic, often imitated scuba diving light. PTEC defined dive lighting as we know it with this handheld. An ideal multipurpose light for both experienced and novice divers. Narrow beam is suitable for both night and day exploration. Includes halogen and long burn bulbs.



### SPECS

POWER	49 Lumens
LAMP	1 Halogen Bulb
BURN TIME	5 Hours
BATTERIES	4 C Alkaline <i>(included)</i>
WEIGHT	20oz / 566g
WATERPROOF	IPX8 <i>(100 meters)</i>
BEAM	Narrow

### TECHNOLOGY



## REEF® PACK

Reef Pack hits the sweet spot with high performance LED lighting and light weight, making it the perfect rig for flying to a sunny destination. Sector 5 is a pistol grip light with a super bright 550 lumen LED, activated by an easy to use trigger switch with lockout. League is the ergonomic handheld that puts out an impressive 260 lumens from four AA batteries. Amp 1L is the smallest light in the set, with a 100 lumen spot beam; snap on the included white cone to turn Amp 1L into a marker or area light.



### INCLUDED







# INDUSTRIAL

Lights built as tough as you, with  
UL-approved models available





# HAZARDOUS LOCATION RATINGS

Luke Kelly

# RATED LIGHTS



## CLASSES

## GROUPS

## DIVISIONS

1

2

### CLASS I

Gases, vapors, and liquids



- A: Acetylene
- B: Hydrogen, etc.
- C: Ether, etc.
- D: Hydrocarbons, fuels, solvents, etc. (gasoline, acetone, alcohol)

Normally explosive and hazardous

Not normally present in an explosive concentration (but may accidentally exist)

### CLASS II

Combustable Dusts



- E: Metal dusts (conductive, and explosive)
- F: Carbon dusts Coal, Coke (some are conductive, and all are explosive)
- G: Flour, starch, grain, combustible plastic or chemical dust (explosive)

Ignitable quantities of dust normally are or may be in suspension, or conductive dust may be present

Dust not normally suspended in an ignitable concentration (but may accidentally exist), dust layers are present.

### CLASS III

Ignitable Fibers and filings



Textiles, wood-working, etc. (easily ignitable, but not likely to be explosive)

Handled or used in manufacturing

Stored or handled in storage (exclusive of manufacturing)

League II	ETL Rating Zone 0 CL 1,2,3 Div 1,2	Groups A-G	Temp code: T4
Vizz II	ETL Rating Zone 0 CL 1,2,3 Div 1,2	Groups A-G	Temp code: T4
EOS II	UL Rating: CL 1. DIV 1	Groups: A,B,C,D	Temp code: T4
Quad II	UL Rating: CL 1. DIV 1	Groups: A,B,C,D	Temp Code: T4
EOS IND	UL Rating: CL 1. DIV 2	Groups: A,B,C,D CL 2. DIV 2 Group: F,G	Temp code: T6
Quad IND	UL Rating: CL 1. DIV 2	Groups: A,B,C,D CL 2. DIV 2 Groups: F,G	Temp code: T6
Apex	UL Rating: CL 1. DIV 2	Groups: A,B,C,D CL 2. DIV 2 Groups: F,G	Temp code: T6
Yukon HL	UL Rating: CL 1. DIV 2	Groups: A,B,C,D CL 2. DIV 2 Groups: F,G	Temp code: T6
Impact XL	UL Rating: CL 1. DIV 2	Groups: A,B,C,D CL 2. DIV 2 Groups: F,G	Temp code: T6
Torrent LED	UL Rating: CL 1. DIV 2	Groups: A,B,C,D CL 2. DIV 2 Groups: F,G	Temp code: T6
Sector 5	UL Rating: CL 1. DIV 2	Groups: A,B,C,D	Temp code: T6
Impulse	UL Rating: CL 1. DIV 2	Groups: A,B,C,D CL 2. DIV 2 Groups: F,G	Temp code: T6

Numerous locations exist where a specific type of light is required for that kind of environment. Class and Division are highlighted. Class I, II, and III are called out whereas Class I locations are hazardous areas by the presence of flammable vapors, liquids, or gasses. Class II is an area where combustable dusts are present and Class III is an area that contain fibers, flyings, or fibers which are easily ignitable. Division designates that the likelihood of ignitable concentrations of materials that are flammable are present. They showcase two divisions of which Division 1 is an area where concentrations of flammable dusts, liquids, or vapors can exist some of the time or all of the time under normal conditions of operation or where easily ignitable flyings and fibers are used, manufactured, or handled. Division 2 are areas where ignitable concentrations are not likely to appear or exist under normal operating procedures or where Class III items are handled or kept in storage. Princeton Tec has the above noted products that meet these strict safety ratings.



HEADLAMPS



Luke Kelly

LPHL-1  
NEW

The LPHL-1 is the first light designed specifically for professionals using face shields now required in many working environments. Engineered to fit behind most helmet mounted face shields, this thin but powerful headlamp lets the user lift and lower their face shield as needed without interrupting light use or readjusting their PPE. A high profile push button gives access to the 85 lumen spot beam (dimmmable to 10 lumens) even with thick gloves. Lightweight and durable, the Low Profile Headlamp is suitable for use in all locations and weather conditions.

SPECS

POWER	85 Lumens
LAMP	3 Ultrabright LEDs
BURN TIME	120 Hours
BATTERIES	3 AAA Alkaline (included)
WEIGHT	2.7oz / 76g
ETL TEMP CODE	T4
WATER RESISTANT	IPX4 (splashing water)

TECHNOLOGY



PERFORMANCE

2 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
HIGH	T. 25h	
LOW	T. 120h	
DISTANCE (m)		1 14

LPHL-1  
INCLUDED IN THE KIT:

LPHL-1 head unit with nylon headstrap, rubber hard hat strap and 3M Dual Lock™



● BLACK PN: LPHL-1

VIZZ® II  
INTRINSICALLY SAFE



● BLACK PN: VIZZ-II

VIZZ®  
INDUSTRIAL



● BLACK PN: VIZZ-IND

VIZZ SERIES  
INCLUDED IN THE KIT:



Vizz® head unit with nylon headstrap, rubber hard hat strap and 3M Dual Lock™



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	150 Lumens
LAMP	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

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. Regulated circuitry delivers consistent light output over an extended period of time. When not in use the Vizz can be locked to prevent accidental turn on, and the translucent switch acts as a low battery indicator. The Vizz's combination of durability and power make it an ideal choice for any demanding environment.

SPECS

POWER	205 Lumens
LAMP	1 Maxbright LED (regulated) 4 White Ultrabright LEDs
BURN TIME	108 Hours
BATTERIES	3 AAA Alkaline (included) or Lithium
WEIGHT	3.2oz / 92g
WATERPROOF	IPX7 (1 meter)

TECHNOLOGY



PERFORMANCE

3 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
SPOT	R. 1h, T. 95h	
FLOOD HIGH	R. 6h T. 104h	
FLOOD LOW	R. 14h T. 108h	
DISTANCE (m)		0 10 36 78





Luke Kelly

## EOS SERIES

### INCLUDED IN THE KIT:

EOS® head unit with nylon headstrap, rubber hard hat strap and 3M Dual Lock™



**MADE IN USA**



## QUAD SERIES

### INCLUDED IN THE KIT:

Quad® head unit with nylon headstrap, rubber hard hat strap and 3M Dual Lock™



**MADE IN USA**

# EOS® II

INTRINSICALLY SAFE

The EOS II is designed and constructed to meet the most rigorous of demands both in application and environment. The head unit is self contained, waterproof, and constructed of high grade materials. The technology inside offers the best in long burntimes and utilizes advanced circuitry that regulates the output providing superior and constant brightness on two modes.









- BLACK PN: EOS-II
- ORANGE PN: EOS-II-OR




#### SPECS

POWER	130 Lumens
LAMP	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
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# EOS®

INDUSTRIAL

The EOS headlamp utilizes the same design and construction as the EOS II, but in meeting the requirements of UL Div. 1 CI 2. The EOS offers high, medium, low and flash output modes. The EOS uses a Maxbright LED that allows for the beam to spot at distances. By using a Princeton Tec designed optic, the EOS provides a clean beam pattern that is great for both localized needs as well as spotting a target as far as 60 meters away.









- BLACK PN: EOS-IND





#### SPECS

POWER	130 Lumens
LAMP	1 Maxbright LED
MAX BURN TIME	97 Hours
BATTERIES	3 AAA Alkaline (included) or Lithium
WEIGHT	3.7oz / 105g
WATERPROOF	IPX7 (1 meter)
UL RATING	Class I Division 2 Groups A, B, C & D Class II Division 2 Groups F & G
UL TEMP CODE	T6


#### TECHNOLOGY







PERFORMANCE	
4 Modes	⌚ Time T. = Total Run Time / R. = Regulated Run Time
HIGH	T. 86h
FLASH	T. 92h
MEDIUM	T. 92h
LOW	T. 97h



DISTANCE (m)	0	26	61	86
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# QUAD® II

INTRINSICALLY SAFE

The second in our series of Intrinsically Safe headlamps, the Quad II provides unparalleled design and performance. The Quad II shares the same basic design principals as the original and proven Quad but takes it up to a UL C11 Div. 1 rating. The fundamental lighting characteristic of the Quad provides a vast amount of area light for all purpose needs and performing up -close tasks. The light beam is smooth and wide allowing you to work with your hands without glare or reflection. With its robust construction, superior materials, and waterproof design, the Quad II is suited for any environment.



- BLACK PN: QUAD-II

# QUAD®

INDUSTRIAL

At a mere 96 grams, the Quad is the lightest in Princeton Tec's line of regulated-LED headlamps. 4 Ultrabright LEDs power through the darkest conditions. The LEDs are safe forever inside a tough waterproof housing that will survive severe impacts and water submersions up to 1 meter. Weight conscious users will appreciate the Quad's sophisticated circuitry that allows the use of lithium AAA batteries. They reduce the Quad's weight to 82 grams, perform in extremely cold temperatures, and significantly increase regulated burn times on all modes. Equipped with regulated LEDs that maintain constant brightness and a battery power meter, this light just may be smarter than you are.









- BLACK PN: QUAD-IND





#### SPECS

POWER	78 Lumens
LAMP	4 Ultrabright LEDs (regulated)
BURN TIME	105 Hours
BATTERIES	3 AAA Alkaline (included)
WEIGHT	3.4oz / 96g
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	R. 1h, T. 105h
LOW	R. 5h, T. 110h











DISTANCE (m)	0	30	50
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#### SPECS

POWER	78 Lumens
LAMP	4 Ultrabright LEDs (regulated)
BURN TIME	108 Hours
BATTERIES	3 AAA Alkaline (included) or Lithium
WEIGHT	3.4oz / 96g
UL RATING	Class I Division 2 Groups A, B, C & D Class II Division 2 Groups F & G
UL TEMP CODE	T6
WATERPROOF	IPX7 (1 meter)

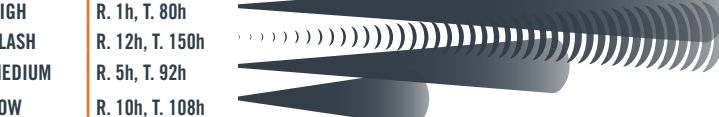
#### TECHNOLOGY







PERFORMANCE	
4 Modes	⌚ Time T. = Total Run Time / R. = Regulated Run Time
HIGH	R. 1h, T. 80h
FLASH	R. 12h, T. 150h
MEDIUM	R. 5h, T. 92h
LOW	R. 10h, T. 108h



DISTANCE (m)	0	17	24	50
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# APEX®

The brightest headlamp in our professional series, Apex has been a favorite of user's 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. 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. Apex is compatible with alkaline, lithium, and rechargeable batteries.

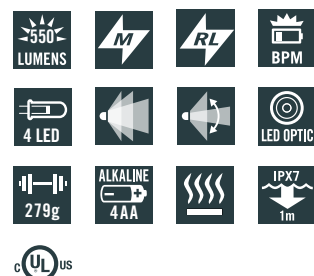


- BLACK PN: APX550-BK
- RED PN: APX550-RED

## SPECS

POWER	550 Lumens
LAMP	1 Maxbright LED (dimable), (regulated) 4 Ultrabright LEDs (dimable), (regulated)
BURN TIME	150 Hours
BATTERIES	4 AA Alkaline (Included) or Lithium
WEIGHT	9.8oz / 279g
WATERPROOF	IPX7 (1 Meter)
UL RATING	Clas 1 Division 2 Class 2, Division 2

## TECHNOLOGY



## PERFORMANCE

5 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
SPOT HIGH	R. 1h, T. 72h	
SPOT LOW	R. 7h, T. 96h	
FLOOD HIGH	R. 7h, T. 100h	
FLOOD FLASH	R. 20h, T. 200h	
FLOOD LOW	R. 14h, T. 150h	
DISTANCE (m)	0	22 43 67 120

# APEX® NEW USER INTERFACE

- SINGLE PRESS**  
Activates 4 Ultrabright LEDs (Flood beam)
- HOLD**  
Activates & adjusts dimmable LEDs
- PRESS**  
Turns light off

- SINGLE PRESS**  
Activates single Maxbright LED (Spot beam)
- HOLD**  
Activates & adjusts dimmable LED
- PRESS**  
Turns light off

# APEX® RECHARGEABLE



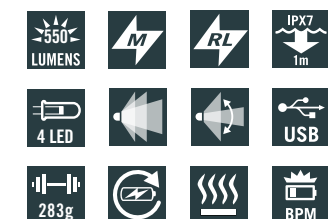
- BLACK PN: APX550-RC-BK
- RED PN: APX550-RC-RD

The newest Apex, with 36 hours of burntime, has a rechargeable lithium ion battery pack which clips to the headstrap, or can be moved to the user's belt or pack with an extended power cable. A USB charging cable comes with the headlamp, making it easy to replenish battery power. With a single Regulated Maxbright LED partnered with four white Regulated Ultrabright LEDs, the Apex Rechargeable provides either a powerful spot beam or a bright flood - two big buttons make switching between modes easy.

## SPECS

POWER	550 Lumens
LAMP	1 Maxbright LED (reg.), (dim.) 4 Ultrabright LEDs (reg.), (dim.)
BURN TIME	90 Hours
BATTERIES	Rechargeable Lithium Ion (included)
WEIGHT	10oz / 283g
CHARGE TIME	3+ Hours
WATERPROOF	IPX7 (1 meter)

## TECHNOLOGY



## PERFORMANCE

5 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
SPOT HIGH	R. 5h, T. 5h	
SPOT LOW	R. 8h, T. 8h	
FLOOD HIGH	R. 23h, T. 23h	
FLOOD FLASH	R. 90h, T. 90h	
FLOOD LOW	R. 90h, T. 90h	
DISTANCE (m)	0	26 43 67 120

# APEX® PRO



- BLACK PN: APX550-PRO-BK
- RED PN: APX550-PRO-RD

## SPECS

POWER	550 Lumens
LAMP	1 Maxbright LED (reg.), (dim.) 4 Ultrabright LEDs (reg.), (dim.)
BURN TIME	35 Hours
BATTERIES	2 CR123 Lithium (included)
WEIGHT	6.10z / 173g
WATERPROOF	IPX7 (1 meter)

## TECHNOLOGY



## PERFORMANCE

5 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
SPOT HIGH	R. 1.5h, T. 15h	
SPOT LOW	R. 5.5h, T. 20h	
FLOOD HIGH	R. 5.5h, T. 20h	
FLOOD FLASH	R. 20h, T. 75h	
FLOOD LOW	R. 12h, T. 35h	
DISTANCE (m)	0	22 43 67 120





# REMIX®

The Remix is equipped with an asymmetrical single arm bracket, easily accessible battery 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.



Also available with rubber helmet strap.  
PN: HL-103



● BLACK PN: RMX150-BK

# FUEL®

What could be better than a light that weighs only 78g with 70 lumens of brightness and 146 hours of burn time? A light that also has an asymmetrical single arm bracket that makes directing the light effortless and reliable; a large, easy to find push button switch and a virtually bulletproof, easy access battery door that protects the 3AAAs and its electronics.



Also available with rubber helmet strap.  
PN: HL-103



● BLACK FUEL4-BK

## 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

4 Modes / Dimmable	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
SPOT BEAM	T. 28h	
SPOT LOW	T. 53h	
FLOOD HIGH	T. 61h	
FLOOD LOW	T. 150h	
DISTANCE (m)	0	10 28 51 73

## SPECS

POWER	70 Lumens
LAMP	4 Ultrabright LEDs
BURN TIME	120 Hours
BATTERIES	3 AAA Alkaline (included)
WEIGHT	2.8oz / 78g
WATER RESISTANT	IPX4 (splashing water)

## TECHNOLOGY



## PERFORMANCE

4 Modes / Dimmable	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
HIGH	T. 74h	
FLASH	T. 150h	
MEDIUM	T. 100h	
LOW	T. 120h	
DISTANCE (m)	0	24 40 44

# AXIS® INDUSTRIAL NEW

The Axis gives you the most customizable light options of any headlamp in the Princeton Tec product line. Full, easy to manage, control is in your hands thanks to a hybrid interface; a large push button on the side of the headlamp to cycle through 4 modes surrounded by an intuitive dial to dim and brighten each mode. Begin with the smooth flood beam for up close work, then simply twist the dial when a long-reaching spot beam is needed. Alternatively, get direct access to the powerful spot beam, or use red mode for any tasks requiring a higher level of light discipline. Three AAA batteries provide a long-lasting and easy to replace power source.



● GRAY PN: AX-IND



## SPECS

POWER	250 Lumens
LAMP	1 Maxbright LED w/ Spot (dimnable) 1 Maxbright LED w/ Flood (dimnable) 2 Red Ultrabright LED (dimnable)
BURN TIME	102 Hours
BATTERIES	3 AAA Alkaline (included)
WEIGHT	2.9oz / 83g
WATER RESISTANT	IPX4 (splashing water)

## TECHNOLOGY



## PERFORMANCE

4 Modes / Dimmable	⌚ Time	T. = Total Run Time
DUAL BEAM HIGH	T. 50h	
DUAL BEAM LOW	T. 67h	
SPOT HIGH	T. 14h	
SPOT LOW	T. 75h	
FLOOD HIGH	T. 34h	
FLOOD LOW	T. 102h	
RED HIGH	T. 15h	
RED LOW	T. 109h	
DISTANCE (m)	0	3 7 8 15 17 30 32 35

# AXIS® RECHARGEABLE INDUSTRIAL NEW

Designed identically to the Axis Industrial, the Axis Rechargeable Industrial gives you all the same levels of control and multitude of options through the hybrid button and dial design, but adds a built-in rechargeable lithium ion battery. Now you can skip the cost and hassle of keeping extra batteries on hand when it's time to refresh your headlamp – just plug the included micro-USB cord into any standard USB charging port and get set for your next day of work.



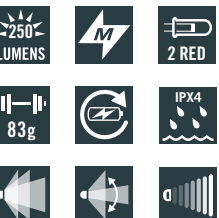
● CHARCOAL PN: AX-RC-IND



## SPECS

POWER	250 Lumens
LAMP	1 Maxbright LED w/ Spot (dimnable) 1 Maxbright LED w/ Flood (dimnable) 2 Red Ultrabright LED
BURN TIME	54 Hours
BATTERIES	Lithium Ion Rechargeable (built-in)
WEIGHT	2.9oz / 83g
WATER RESISTANT	IPX4 (splashing water)

## TECHNOLOGY



## PERFORMANCE

4 Modes / Dimmable	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
DUAL BEAM HIGH	T. 2h	
DUAL BEAM LOW	T. 3h	
SPOT HIGH	T. 2h	
SPOT LOW	T. 17h	
FLOOD HIGH	T. 8h	
FLOOD LOW	T. 54h	
RED HIGH	T. 32h	
RED LOW	T. 179h	
DISTANCE (m)	0	2 4 5 12 14 26 27 33



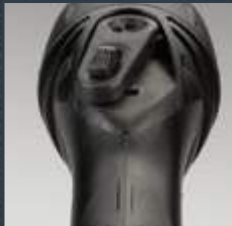
# HANDHELDS



Eric Capers

## LEAGUE SERIES DESIGN AND FEATURES

The first thing you'll notice is the specially designed shape. We contoured the body to fit your hand naturally, reducing or eliminating fatigue during extended use by minimizing the amount of effort necessary to securely grip the light. The result is one of the most comfortable, easiest to grip handhelds available. The large switch is easy to use even while wearing gloves. The lock prevents accidental turn-on and battery drain in your gear bag as well as accidental turn-off while in tight quarters. The large strap loop makes lanyard or carabiner attachment easy.



Large switch is easy to operate even with gloves

Locking switch stays off in your bag and on in the field



Strap loop allows for use with included lanyard or double ended clip



Twelve degree angled head for optimal illumination



Ergonomic shape makes holding this light easier than traditional lights

# LEAGUE® II

INTRINSICALLY SAFE



- BLACK
- NEON YELLOW

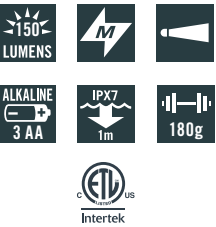
PN: LG2-BK  
PN: LG2-NY

Light weight and comfortable shape make Princeton Tec's intrinsically safe League II the ideal light for the job. This unobtrusive handheld hides out of the way until it is turned on, when one Maxbright LED creates a powerful 150 lumen spot beam for long-throw illumination. The sculpted shape makes League feel like an extension of your hand, and it has an integrated loop for attachments to cords, webbing or clips. The power switch locks on and off, eliminating the chance of accidental activation, preserving batteries during storage. League is waterproof (IPX7). ETL C11 Div1 intrinsically safe, Classes I, II, III; Divisions 1&2; Groups A-G; Temp Code: -20C to 40C (T4).

### SPECS

POWER	150 Lumens
LAMP	1 Maxbright LED
BURN TIME	10 Hours
BATTERIES	3 AA Alkaline (included)
WEIGHT	6.3oz / 180g
WATERPROOF	IPX7 (1 meter)
ETL RATING	Classes I, II, III; Divisions 1&2; Groups A-G.
TEMP CODE:	T4

### TECHNOLOGY



### PERFORMANCE

1 Mode	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
HIGH	T. 10h	<div></div>
DISTANCE (m)	0	65 130

# LEAGUE®

Ergonomically designed for comfort, safety, and practicality, the League is a must have on any job site. Boasting a 260 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 in heavy work gloves.



- BLACK
- NEON YELLOW

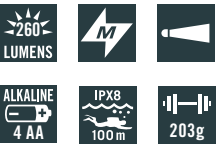
PN: LG1-BK  
PN: LG1-NY

- BLUE
  - WHITE
- PN: LG1-BL  
PN: LG1-WT

### SPECS

POWER	260 Lumens
LAMP	1 Maxbright LED
BURN TIME	14 Hours
BATTERIES	4 AA Alkaline (included)
WEIGHT	7oz / 203g
WATERPROOF	IPX8 (100 meters)

### TECHNOLOGY



### PERFORMANCE

1 Mode	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
HIGH	T. 14h	<div></div>
DISTANCE (m)	0	90 190





DIGITAL PUSH BUTTON  
TAIL SWITCH



DEEP-CARRY POCKET CLIP



MADE IN  
USA

# TEC 1



- BLACK PN: T1-BK
- GREEN PN: T1-GRN
- GRAY PN: T1-GRY

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 <i>(regulated)</i>
BURN TIME	1 hour, 15 minutes
BATTERIES	1 CR123 <i>(included)</i>
WEIGHT	3.17oz / 90g
WATERPROOF	IPX7 <i>(1 meter)</i>

### TECHNOLOGY



### PERFORMANCE



# TEC 2



- BLACK PN: T2-BK
- GREEN PN: T2-GRN
- GRAY PN: T2-GRY

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.

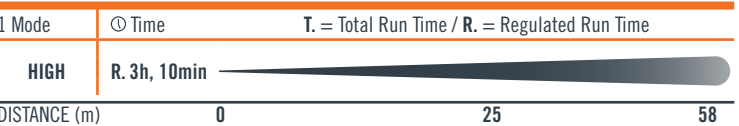
### SPECS

POWER	250 Lumens
LAMP	1 Maxbright LED <i>(regulated)</i>
BURN TIME	3 hours, 10 minutes
BATTERIES	2 CR123 <i>(included)</i>
WEIGHT	4.2oz / 120g
WATERPROOF	IPX7 <i>(1 meter)</i>

### TECHNOLOGY



### PERFORMANCE



Luke Kelly



Eric Capers

MADE IN  
USA

# AMP 3.5



- BLACK PN: A170-NY
- NEON YELLOW PN: A170-BK

Accessory helmet  
clips available.



The Amp 3.5 uses our rugged and lightweight thermoplastic body, overmolded for an ergonomic, positive grip. Equipped with a powerful 170 lumen spot beam the Amp 3.5 shines up to 80 meters in high output mode. Key the power button again to switch to the power sipping low output mode. The Amp 3.5 can always be at the ready with the included adjustable nylon lanyard and lanyard loop molded into the tail.

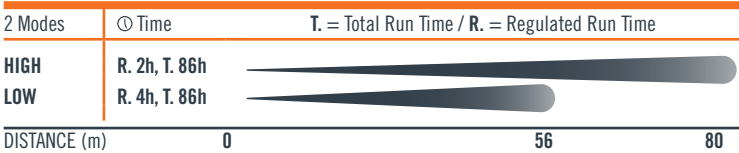
### SPECS

POWER	170 Lumens
LAMP	1 Maxbright LED <i>(regulated)</i>
BURN TIME	86 Hours
BATTERIES	4 AAA Alkaline <i>(included)</i>
WEIGHT	4.3oz / 122g
WATERPROOF	IPX7 <i>(1 meter)</i>

### TECHNOLOGY



### PERFORMANCE



# AMP 1L



CONE COLOR OPTIONS



- BLACK PN: A90LBC-BK
- NEON YELLOW PN: A90LBC-NY



OPENS BOTTLES

The tiny Amp 1L packs a 100 lumen LED. With a large carabiner loop, this handheld light can hang off of a gear loop on your pack; waterproof to 100M (330ft), Amp 1L is also at home in the worst weather. Comes with a snap on cone to convert your flashlight into a marker light just in case.

### SPECS

POWER	100 Lumens
LAMP	1 Maxbright LED
BURN TIME	72 Hours
BATTERIES	2 AAA Alkaline <i>(included)</i>
WEIGHT	2oz / 57g
WATERPROOF	IPX8 <i>(100 meters)</i>

### TECHNOLOGY



### PERFORMANCE







# IMPACT® XL



- BLACK

● NEON YELLOW

● BLUE
- PN: IMPXL-BK

PN: IMPXL-NY

PN: IMPXL-BL

Weighing in at approximately 197 grams and offering waterproof integrity to 100 meters, the Impact® XL utilizes a Maxbright LED. The light output is significantly greater than competing Xenon and halogen bulbs and it produces a truer, whiter light. The innovative rubber over molded grip ensures you'll be able to securely hold the light even under the most demanding conditions. With over 50 hours of burn time and its rugged impact resistant design, the Impact XL is sure to be reliable when you need it.

SPECS

POWER

LAMP

BURN TIME

BATTERIES

WEIGHT

WATERPROOF

UL RATING

120 Lumens

1 Maxbright LED *(regulated)*

76 Hours

4 AA Alkaline *(included)*

7oz / 197g

IPX8 *(100 meters)*

Class I Division 2 Groups A, B, C & D  
Class II Division 2 Groups F & G

TECHNOLOGY

120 LUMENS

M

ALKALINE

4 AA

IPX8

100m

197g

LED OPTIC

UL

US



# TORRENT® LED



- BLACK

● NEON YELLOW

● BLUE
- PN: TORR-BK

PN: TORR-NY

PN: TORR-BL

The Torrent® LED was designed to be the go-to light when the job runs into the night hours. With a full hand grip, this torch emits a powerful 330 lumens of brightness making it ideal for long range illumination. The locking switch mechanism ensures it will not be accidentally turned on, and the Maxbright LED will stand up to a beating for over 10,000 hours of bright white light. The Torrent® offers waterproof integrity to 100 meters.

SPECS

POWER

LAMP

BURN TIME

BATTERIES

WEIGHT

WATERPROOF

UL RATING

330 Lumens

1 Maxbright LED *(regulated)*

30 Hours

8 AA Alkaline *(included)*

13oz / 365g

IPX8 *(100 meters)*

Class I Division 2, Groups A, B, C & D  
Class II Division 2, Groups F & G

TECHNOLOGY

330 LUMENS

M

IPX8

100m

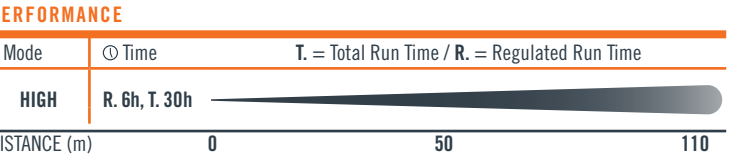
365g

ALKALINE

8 AA

UL

US



# SECTOR® 5



- BLACK

● NEON YELLOW

● BRIGHT ORANGE
- PN: S5-BK

PN: S5-NY

PN: S5-BO

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

UL RATING

550 Lumens

1 Maxbright LED *(regulated)*

24 Hours

4 C Alkaline *(included)*

23oz / 650g

IPX8 *(100 meters)*

Class 1 Division 2

TECHNOLOGY

550 LUMENS

M

ALKALINE

4C

IPX8

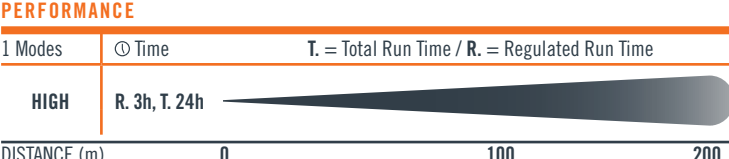
100m

650g

LED OPTIC

UL

US



# SECTOR® 7



- BLACK

● NEON YELLOW
- PN: S7-BK

PN: S7-NY

This pistol grip spotlight packs 700 lumens. Eight C-cell batteries provide 30 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 switch locks out to prevent accidental illumination and battery drain while in transit or storage.

SPECS

POWER

LAMP

BURN TIME

BATTERIES

WEIGHT

WATERPROOF

700 Lumens

1 Maxbright LED *(regulated)*

30 Hours

8 C Alkaline *(included)*

38oz / 1075g

IPX8 *(100 meters)*

TECHNOLOGY

700 LUMENS

M

ALKALINE

8C

IPX8

100m

1075g

LED OPTIC

UL

US





# TEC® 40



- BLACK

● NEON YELLOW
- PN: T40-0M-BK

PN: T40-0M-NY

This compact halogen unit cuts through fog and provides a daylight color temperature beam capable of reaching over 100 meters. The non-slip rubber grip ensures you'll be able to securely hold the light in all working environments, including water up to 100 meters. The twist-activated switch prevents accidental turn-on.

SPECS		TECHNOLOGY		
MAX POWER	28 Lumens			
LAMP	1 Halogen Bulb			
MAX BURN TIME	5 Hours			
BATTERIES	4 AA Alkaline (included)			
WEIGHT	6.4oz / 181g			
WATERPROOF	IPX8 (100 meters)			
UL TEMP CODE	T3			



# HARDHAT CLIPS

## FOR HANDHELD FLASHLIGHTS

The Princeton Tec Universal Hard Hat Light Mount is designed to firmly attach a flashlight to most hard hats. This mount comes with provisions to snap into a front brim, or clamp onto a full brim model. Hard Hat Light Mount is compatible with most Princeton Tec handheld lights, including Amp 1, Amp 3.5, League and Torrent.

PN: HEL-KIT



# PULSAR®



- BLACK
- PN: P-1-BK

# PULSAR II



- BLACK
- SP-1-BK

# IMPULSE®



- BLACK
- PN: IMP-1-BK



Detaches from carabiner



Universal hat clip

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, book bags, zippers and emergency situations.

SPECS		TECHNOLOGY		
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)			

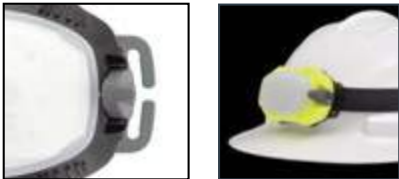
SPECS		TECHNOLOGY		
POWER	10 Lumens			
LAMP	1 Ultrabright LED			
BURN TIME	12 Hours			
BATTERIES	(2) 2016 Lithium Coin Cell (included)			
WEIGHT	.24oz / 7g			
WATER RESISTANT	IPX4 (splashing water)			

SPECS		TECHNOLOGY		
POWER	10 Lumens			
LAMP	1 Ultrabright LED			
BURN TIME	36 Hours			
BATTERIES	(2) 2016 Lithium Coin Cell (included)			
WEIGHT	.6oz / 17g			
WATER RESISTANT	IPX4 (splashing water)			
UL RATING	Class 1 Division 2 Class 2, Division 2			



MERIDIAN®

The Meridian LED emergency strobe and 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 waterproof rating.



Bracket Fits any 1 inch webbing

SPECS

POWER	100 Lumens Visible Over a Mile
LAMP	1 White Maxbright LED (flashing) 1 Red Maxbright LED (flashing)
BURN TIME	100 Hours
BATTERIES	3 AAA Alkaline (included)
WEIGHT	3.5oz / 101g
WATERPROOF	IPX8 (100 meters)

TECHNOLOGY



2 MODES



WHITE STROBE



RED BEACON

- BLACK    PN: ST-BK
- NEON YELLOW    PN: ST-NY

SWERVE®

Swerve attaches to the rear of a hard hat to ensure visibility. The light has two modes – flash and constant – providing options for any jobsite situation. With a large toggle switch to select constant, strobe, or off mode, operation is second nature and the user can keep their eyes on task. Two high-power LEDs and a 180 degree beam pattern make Swerve one of the most effective safety lights on the market. In flash mode, the blink rate constantly changes, lending a very high level of visibility because it does not give observers' eyes a chance to relax. Lasting 70 hours on a pair of AAA batteries, Swerve burns bright on through overtime.



Bracket Fits any 1 inch webbing

SPECS

LAMP	2 Maxbright LEDs
BURN TIME	70 Hours
BATTERIES	(2) AAA Alkaline (Included)
WEIGHT	2.85oz / 81g
WATER RESISTANT	IPX4 (splashing water)

TECHNOLOGY



2 MODES



RED STROBE



RED CONSTANT

- RED    PN: SWERVE

AQUA STROBE  
LED  
NEW



Aqua Strobe LED is the perfect addition to all workers' personal protective equipment. With simple, glove-friendly twist operation that prevents accidental activation, this AA battery powered 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 to get to work.

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

- NEON YELLOW    PN: ST-NY

ECO® FLARE

A vital part of any worker's equipment bag, the Eco Flare can be set on constant, high-output mode for use as an area/personal locator light, or on flashing, red Ultrabright LED mode for low-visibility, dark nights. The Ultrabright LED will burn in excess of 500+ hours on 2 AAA alkaline batteries.



SPECS

POWER	10 Lumens
LAMP	1 Red Ultrabright LED 1 White Ultrabright LED
BURN TIME	500 Hours
BATTERIES	2 AAA Alkaline (included)
WEIGHT	1.5oz / 42g
WATERPROOF	IPX8 (100 meters)

TECHNOLOGY



2 MODES



WHITE STROBE



RED BEACON

- ROCKET RED    PN: EF-2-RR
- NEON YELLOW    PN: EF-2-NY
- BLACK    PN: EF-2-BK





MADE IN USA



MADE IN USA

# HELIX® BASECAMP

This lantern packs an even brighter punch than the Backcountry. 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.



RED PN: HX2-BK

## SPECS

Table with 2 columns: Spec, Value. Rows include POWER LAMP (250 Lumens), BURN TIME (30 Hours), BATTERIES (3 AA Alkaline), WEIGHT (12.6oz / 358g), and WATER RESISTANT (IPX6).

## TECHNOLOGY



Table with 3 columns: LED COLOR, WHITE, RED. Rows include MODE (High, Low) and BURNTIME (8h, 30h, 16h, 40h).

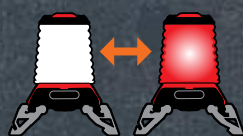
## HELIX LANTERN SERIES DESIGN AND FEATURES

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 pack up the job site.

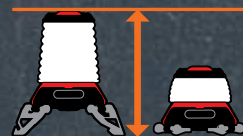
Multiple hanging and positioning options



Dimmable white & red modes



Packs down to half size



# HELIX® BACKCOUNTRY RECHARGEABLE

Forget carrying extra weight, the Backcountry Rechargeable is an 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 that's 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.



GREEN PN: HX1-RC-BK
GRAY/BLACK PN: HX1-RC-GRY



## SPECS

Table with 2 columns: Spec, Value. Rows include POWER LAMP (150 Lumens), BURN TIME (18 Hours), BATTERIES (Lithium Rechargeable), WEIGHT (5.4oz / 155g), and WATER RESISTANT (IPX6).

## TECHNOLOGY



Table with 3 columns: LED COLOR, WHITE, RED. Rows include MODE (High, Low) and BURNTIME (6h, 18h, 7h, 22h).



# 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.



RED PN: HX1-BK
TAN/OD PN: HX1-MC



## SPECS

Table with 2 columns: Spec, Value. Rows include POWER LAMP (150 Lumens), BURN TIME (24 Hours), BATTERIES (3 AAA Alkaline), WEIGHT (5.5 oz/ 155g), and WATER RESISTANT (IPX6).

## TECHNOLOGY



Table with 3 columns: LED COLOR, WHITE, RED. Rows include MODE (High, Low) and BURNTIME (8h, 24h, 12h, 32h).







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.

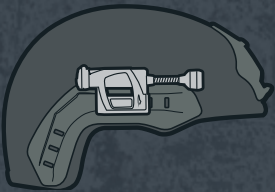
### MODULARITY

ONE LIGHT BODY MOVES FROM MOUNT TO MOUNT.

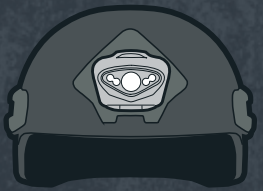
Strategically place mounts and seamlessly move a single light as needed, allowing you to have multiple lighting options and keeping your gear weight to a minimum. The modularity of the MPLS system allows you to be creative and versatile with your mounting options, so that you have the freedom to direct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

## COMPONENT PIECES

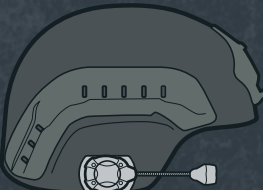
HELMET RAIL



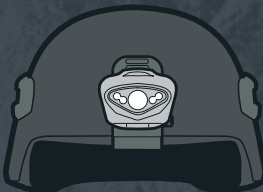
NVG MOUNT



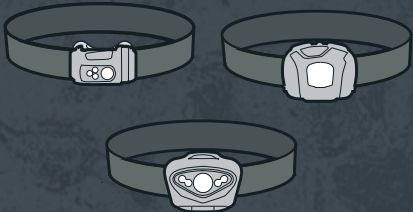
HELMET MOUNT



NVG MOUNT



HEADSTRAP



MOLLE



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 150 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
- Charge Pro
- Point
- Switch
- Switch Rail
- Switch Rail-MPLS
- Vizz-Tac MPLS
- Remix-MPLS
- EOS II-MPLS
- Quad Tac-MPLS
- Fuel-MPLS
- Fred-MPLS



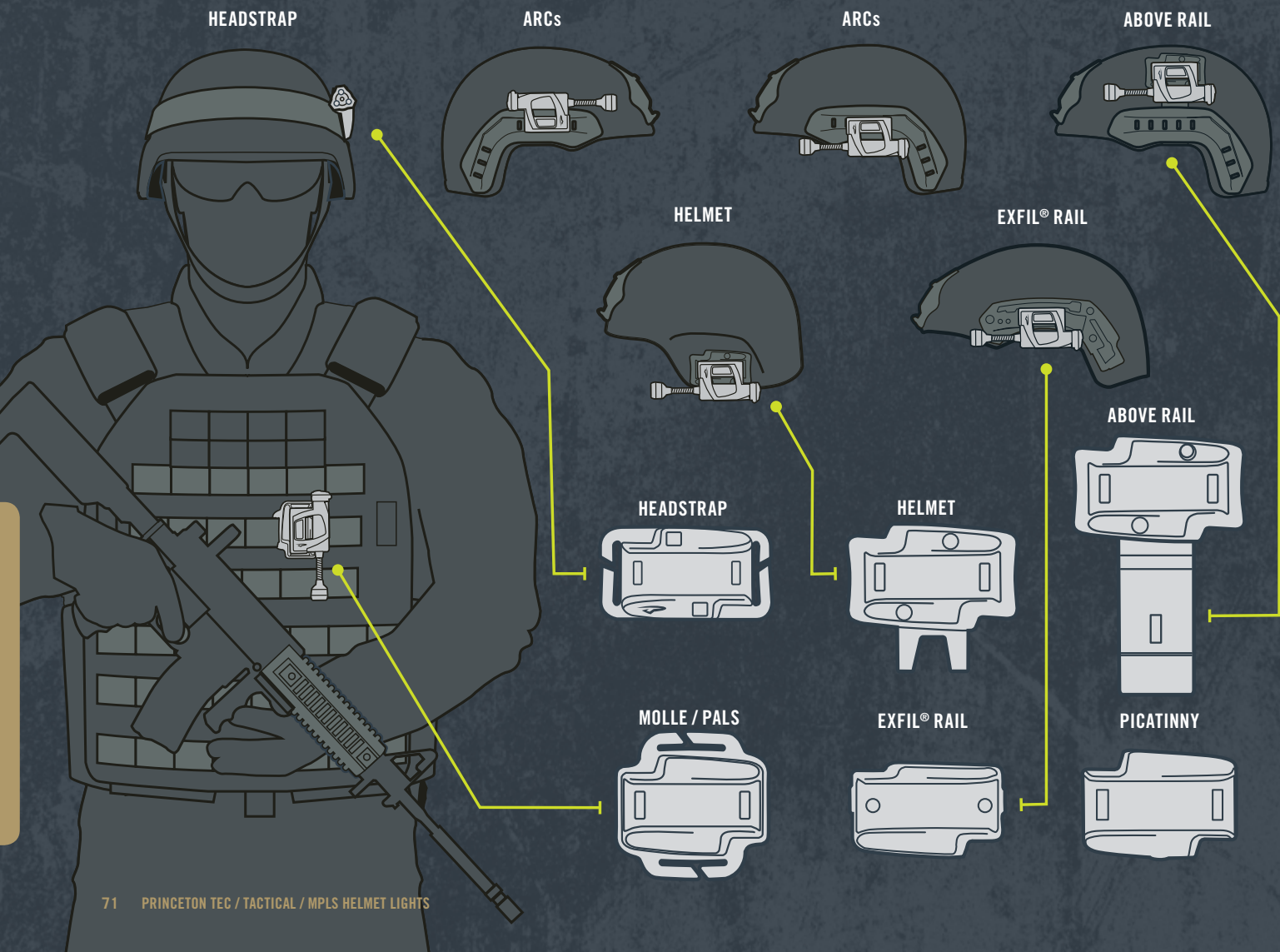
# MPLS CHARGE SERIES



The appearance of U.S. Department of Defense (DoD) visual information does not imply or constitute DoD endorsement.

## 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



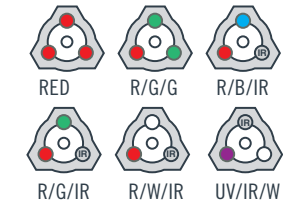
### SPECS

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

### TECHNOLOGY



### LED COLOR OPTIONS



**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.

## CHARGE®



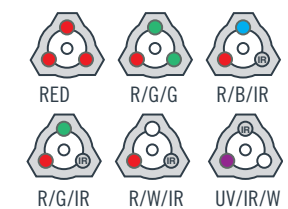
### SPECS

POWER	55 Lumens
LAMP	1 Maxbright LED (regulated) 3 Ultrabright LED
BURN TIME	24 Hours
BATTERIES	1 AA Lithium
WEIGHT	1.67oz / 47g
WATERPROOF	IPX7 (1 meter)
NSN	6230-01-606-1473

### TECHNOLOGY



### LED COLOR OPTIONS



**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.

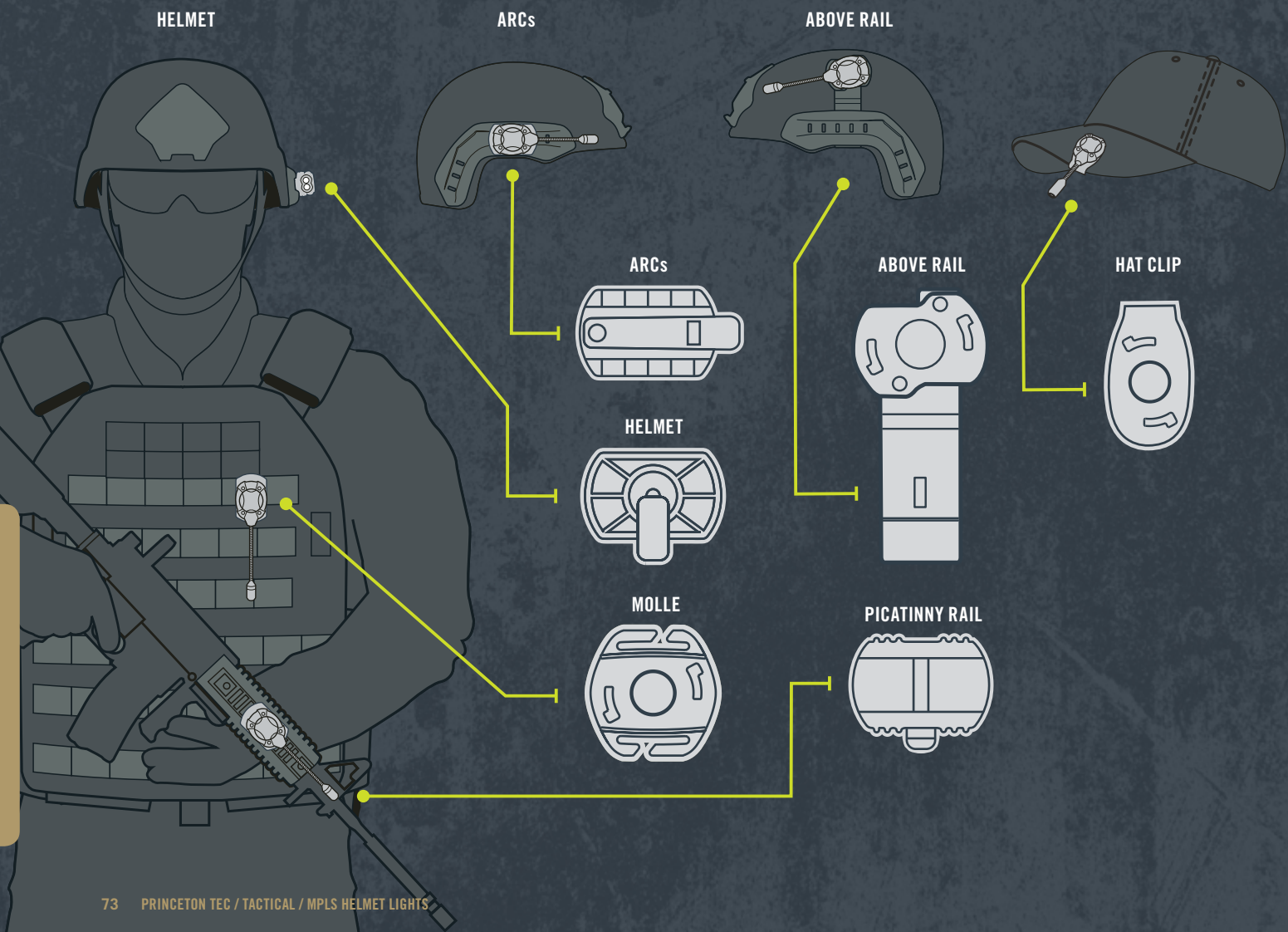


# MPLS SWITCH & POINT



## MOUNTING OPTIONS

Designed to be fast and effective, the MPLS Task lights can be off your helmet and onto your weapon, MOLLE, gear strap, or any magnetic surface 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®



### 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.

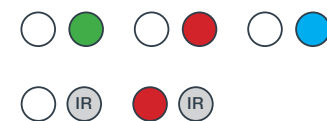
#### SPECS

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	0.6oz / 17g
WATER RESISTANT	IPX4 (splashing water)

#### TECHNOLOGY



#### LED COLOR OPTIONS



## POINT®



### 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.

#### SPECS

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

#### TECHNOLOGY



#### LED COLOR OPTIONS







# 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.



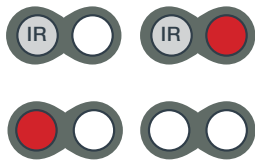
### SPECS

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 ORGINAL SWITCH RAIL'S FEATURES WITH ADDED VERSATILITY: MOLLE, REVERSE PICATINNY 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 reverse Picatinny 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.



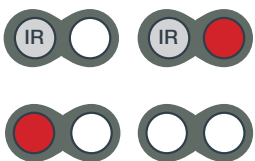
### SPECS

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

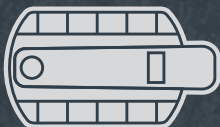


## SWITCH® RAIL MOUNTING OPTIONS

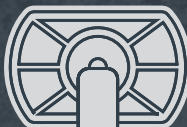


MOUNTS DIRECTLY TO PICATINNY RAIL

## SWITCH® RAIL MPLS MOUNTING HARDWARE:



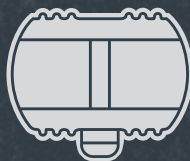
ARCS



HELMET



MOLLE



PICATINNY RAIL



ABOVE RAIL

TACTICAL



# MPLS HEADLAMPS



## MPLS HEADLAMP MOUNTING OPTIONS



### 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.



### 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.

1

2

3

### HELMET MOUNTS FIT:

1. Universal compatibility with most NVG mounts
2. Standard Helmet with headstrap

## VIZZ<sup>®</sup> TACTICAL MPLS

NEW



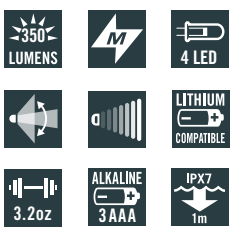
### NOW WITH WHITE, RED AND BLUE VISIBLE LIGHT, PLUS IR: CUSTOMIZED TO FIT YOUR TASK

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

POWER LAMP	350 Lumens 1 Maxbright LED 1 Red Ultrabright LED 1 Blue Ultrabright LED 1 Green Ultrabright LED 1 IR Ultrabright LED
BURN TIME	110 Hours
BATTERIES	3 AAA (Included)
WEIGHT	3.2oz / 92g
WATERPROOF	IPX7 (1 Meter)

### TECHNOLOGY



### PERFORMANCE

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

### LED COLOR OPTIONS





EOS® II MPLS



**SAME DEPENDABLE HEADLAMP, NOW 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		TECHNOLOGY		
POWER	130 Lumens			
LAMP	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)			

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

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		TECHNOLOGY		
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)			

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 150 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		TECHNOLOGY		
POWER	150 Lumens			
LAMP	1 Maxbright LED 3 Ultrabright LEDs			
BURN TIME	40 Hours			
BATTERIES	1 CR123 (included)			
WEIGHT	2.3oz / 66g with battery			
WATER RESISTANT	IPX4			
NSN	6230-01-633-4682			

PERFORMANCE	
4 Modes	⌚ Time T. = Total Run Time / R. = Regulated Run Time
SPOT BEAM	R. 4h
SPOT LOW	R. 7h
FLOOD HIGH	R. 5h
FLOOD LOW	R. 40h
DISTANCE (m)	0 10 37 52 90

ROTATES 185°

LED COLOR OPTIONS





HEADLAMPS



The appearance of U.S. Department of Defense (DoD) visual information does not imply or constitute DoD endorsement.

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.



BYTE<sup>®</sup> TACTICAL *NEW*

**SPECS**

POWER	100 Lumens
LAMP	1 Maxbright LED
	1 Red Ultrabright LED
BURN TIME	58 Hours
BATTERIES	2 AAA Alkaline (included), or Lithium
WEIGHT	2.25oz / 64g
WATER RESISTANT	IPX4 (splashing water)

**TECHNOLOGY**

2.25oz

**PERFORMANCE**

3 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
HIGH SPOT	T. 3h	
LOW SPOT	T. 80h	
RED HIGH	T. 100h	
RED LOW	T. 160h	
DISTANCE (m)	0 2 6 18 24 48	

EOS<sup>®</sup> TACTICAL



**MULTIPLE LENS FILTERS TO CREATE ANY COLOR SPOT BEAM.**

The EOS Tactical headlamp is compact, military tough and is housed in an ultra light, 3-AAA platform. Princeton Tec's premiere overmolding process results in a waterproof, drop-proof, reliable housing. This headlamp boasts four output modes, the strongest of which can shine up to 48m. The EOS Tactical is strong, stealthy, and state-of-the-art.

**SPECS**

POWER	60 Lumens
LAMP	1 Maxbright LED (Regulated)
BURN TIME	108 Hours
BATTERIES	3 AAA Alkaline (Included) or Lithium
WEIGHT	3.6oz / 103g
WATERPROOF	IPX7 (1 Meter)
NSN	6230-01-537-9090

**TECHNOLOGY**

3.6oz

**PERFORMANCE**

4 Modes	⌚ Time	T. = Total Run Time / R. = Regulated Run Time
HIGH	R. 1h, T. 80h	
MEDIUM	R. 5h, T. 92h	
LOW	R. 12h, T. 108h	
DISTANCE (m)	0 17 33 48	

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.

QUAD<sup>®</sup> 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**

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)
NSN	6515-01-518-3823

**TECHNOLOGY**

3.6oz

**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<sup>®</sup> PRO



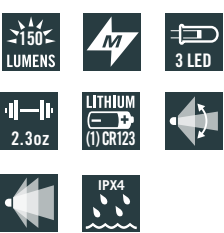
LITHIUM POWERED AND LIGHTWEIGHT.

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.

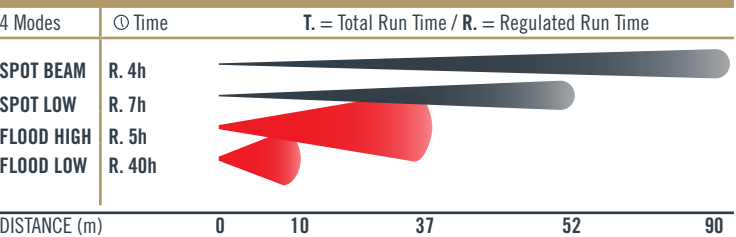
SPECS

POWER	150 Lumens
LAMP	1 Maxbright LED 3 Ultrabright LEDs
BURN TIME	40 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<sup>®</sup>



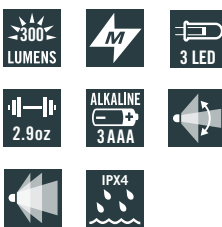
HYBRID LED DESIGN FOR AREA LIGHTING OR SPOT BEAM.

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.

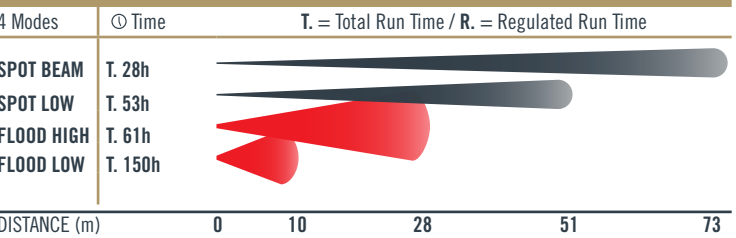
SPECS

POWER	300 Lumens
LAMP	1 Maxbright LED 3 Ultrabright LEDs
BURN TIME	200 Hours
BATTERIES	3 AAA Alkaline (included)
WEIGHT	2.9oz / 83g
WATER RESISTANT	IPX4 (splashing water)

TECHNOLOGY



PERFORMANCE



LED COLOR OPTIONS



FRED<sup>®</sup>



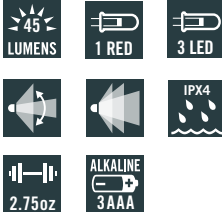
A LEGACY PRODUCT WITH SMART UPGRADES.

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.

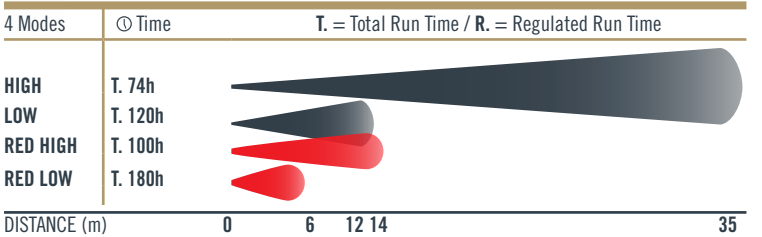
SPECS

POWER	45 Lumens
LAMP	3 White Ultrabright LEDs 1 Red Ultrabright LED
BURN TIME	145 Hours
BATTERIES	3 AAA Alkaline (Included)
WEIGHT	2.75oz / 78g
WATER RESISTANT	IPX4 (splashing water)

TECHNOLOGY



PERFORMANCE



SYNC<sup>®</sup>



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.

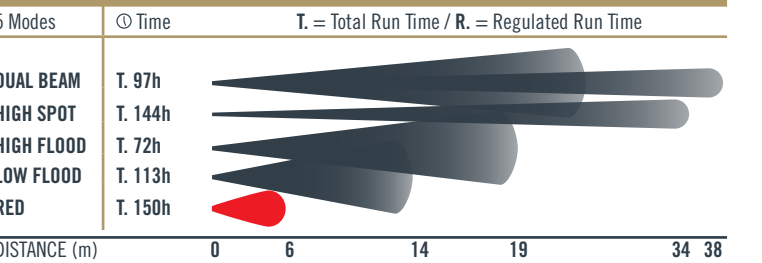
SPECS

POWER	200 Lumens
LAMP	1 Maxbright LED w/ Spot Beam 1 Maxbright LED w/ Flood 1 Red Ultrabright LED
BURN TIME	144 Hours
BATTERIES	3 AAA Alkaline (included)
WEIGHT	2.9oz / 83g
WATER RESISTANT	IPX4 (splashing water)

TECHNOLOGY



PERFORMANCE







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.

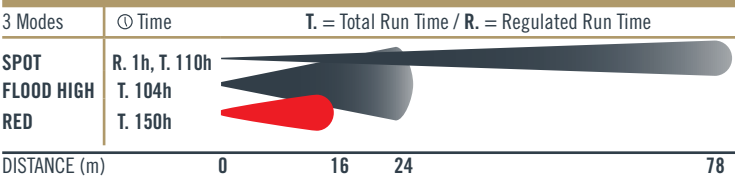


SPECS

POWER LAMP	350 Lumens 1 Maxbright LED 2 White Ultrabright LEDs (dimmable) 2 Red Ultrabright LEDs
BURN TIME	110 Hours
BATTERIES	3 AAA Alkaline (included)
WEIGHT	3.25oz / 92g
WATERPROOF	IPX7 (1 meter)

TECHNOLOGY

PERFORMANCE



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.

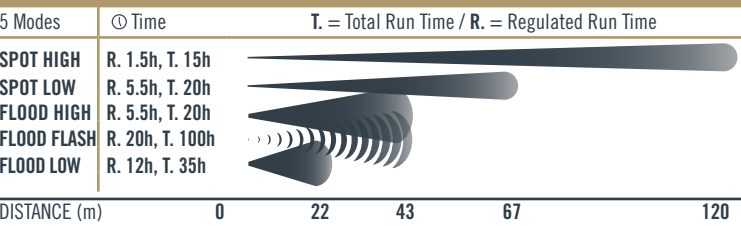


SPECS

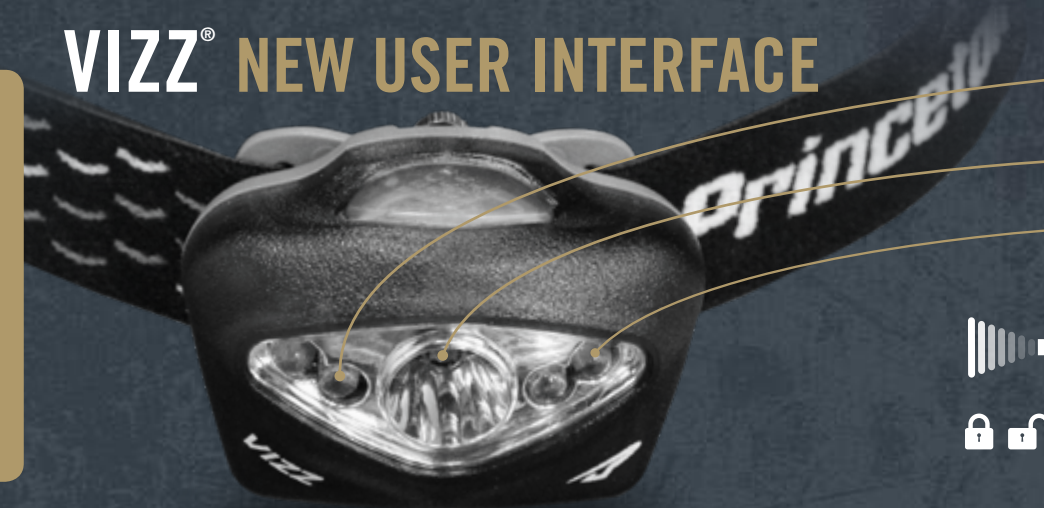
POWER LAMP	550 Lumens 1 Maxbright LED (regulated) 4 Ultrabright LEDs (regulated)
BURN TIME	35 Hours
BATTERIES	2 CR123 Lithium (included)
WEIGHT	6oz / 173g
WATERPROOF	IPX7 (1 meter)
NSN	6230-01-578-3637

TECHNOLOGY

PERFORMANCE



VIZZ® NEW USER INTERFACE



- SINGLE PRESS  
Red flood mode
- DOUBLE PRESS  
White spot mode
- TRIPLE PRESS  
White flood mode
- HOLD FROM OFF  
Activates & adjusts dimmability all modes
- HOLD FROM OFF (5 SECONDS)  
Lock or Unlock to prevent accidental activation

APEX® NEW USER INTERFACE



- SINGLE PRESS  
Activates 4 Ultrabright LEDs (Flood beam)
- HOLD  
Activates & adjusts dimmable LEDs
- PRESS  
Turns light off
- SINGLE PRESS  
Activates single Maxbright LED (Spot beam)
- HOLD  
Activates & adjusts dimmable LED
- PRESS  
Turns light off



# 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

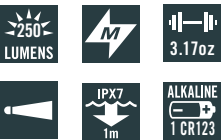
The newest handheld lights from Princeton Tec are inspired by our decades of experience creating lights for the most demanding users. These lights have a heart of metal, wrapped by an outside made of the highest quality injection molded polymers. The TEC 1 is powered by a single CR123 cell, blasting 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	<div></div>
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	<div></div>
DISTANCE (m)	0	25 58



# 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.

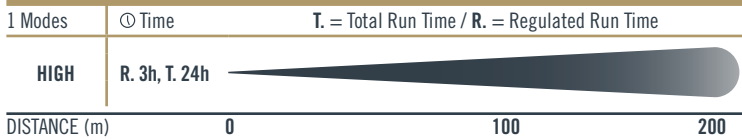
### SPECS

POWER	550 Lumens
LAMP	1 Maxbright LED (regulated)
BURN TIME	24 Hours
BATTERIES	4 C Alkaline (included)
WEIGHT	23oz / 650g
WATERPROOF	IPX8 (100 meters)

### TECHNOLOGY



### PERFORMANCE



POWERFUL SINGLE  
MAXBRIGHT LED



TRIGGER SWITCH

# AMP 1L

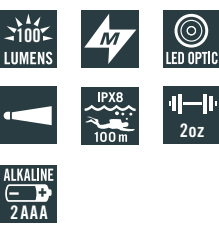


The compact and versatile Amp 1L is a 100 lumen flashlight with a few more tricks up it's sleeve. It is waterproof up to 100M (330ft) with a large carabiner loop making it easy to clip to your gear. Convert the Amp 1L from a flashlight into a marker light by snapping on the included translucent white 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.

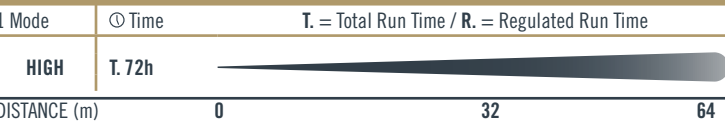
### SPECS

POWER	100 Lumens
LAMP	1 Maxbright LED
BURN TIME	72 Hours
BATTERIES	2 AAA Alkaline (included)
WEIGHT	2oz / 57g
WATERPROOF	IPX8 (100 meters)

### TECHNOLOGY



### PERFORMANCE



OPENS BOTTLES



CONE FOR 360°  
OF LIGHT

### CONE COLOR OPTIONS



# LEAGUE



Ergonomically designed for comfort, safety, and practicality, the League is a must have on any situation. Boasting a 260 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.

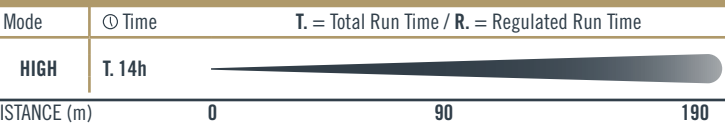
### SPECS

POWER	260 Lumens
LAMP	1 Maxbright LED
BURN TIME	10 Hours
BATTERIES	4 AA Alkaline (included)
WEIGHT	7oz / 203g
WATERPROOF	IPX8 (100 meters)

### TECHNOLOGY



### PERFORMANCE





# MERIDIAN®

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
LAMP	1 White Maxbright LED <i>(flashing)</i> 1 Red Maxbright LED <i>(flashing)</i>
BURN TIME	100 Hours
BATTERIES	3 AAA Alkaline <i>(included)</i>
WEIGHT	3.5oz / 101g
WATERPROOF	IPX8 <i>(100 meters)</i>

### TECHNOLOGY



### 2 MODES



WHITE STROBE



RED BEACON



Bracket Fits any  
1 inch webbing



# 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 <i>(flashing)</i>
BURN TIME	12 hours
BATTERIES	1 AA Alkaline <i>(included)</i>
WEIGHT	3.3oz / 96g
WATERPROOF	IPX8 <i>(100 meters)</i>

### 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 <i>(included)</i>
WEIGHT	.24oz / 7g
WATER RESISTANT	IPX4 <i>(splashing water)</i>

### 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 <i>(included)</i>
WEIGHT	.24oz / 7g
WATER RESISTANT	IPX4 <i>(splashing water)</i>

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

### TECHNOLOGY





# HELIX LANTERN SERIES

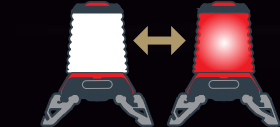
## DESIGN AND FEATURES

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<sup>®</sup> BACKCOUNTRY

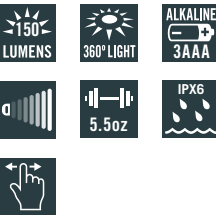


This small lantern delivers more area light, more effectively than many of its larger competitors and gets even smaller when folded down for travel. With dimmable white and red modes controlled by a button-free swipe control surface, Helix is easy to use and water resistant. The legs conform to any uneven 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 (dimmable) 1 Red Ultrabright LED (dimmable)
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<sup>®</sup> 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 (dimmable) 1 Red Ultrabright LED (dimmable)
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<sup>®</sup> BACKCOUNTRY RECHARGEABLE

## NEW



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.

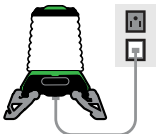
### SPECS

POWER	150 Lumens (white LED)
LAMP	1 White Maxbright LED (dimmable) 1 Red Ultrabright LED (dimmable)
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







# #LIGHTCONQUERS



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