

# ***Energizer***<sup>®</sup>

## Lighting Products

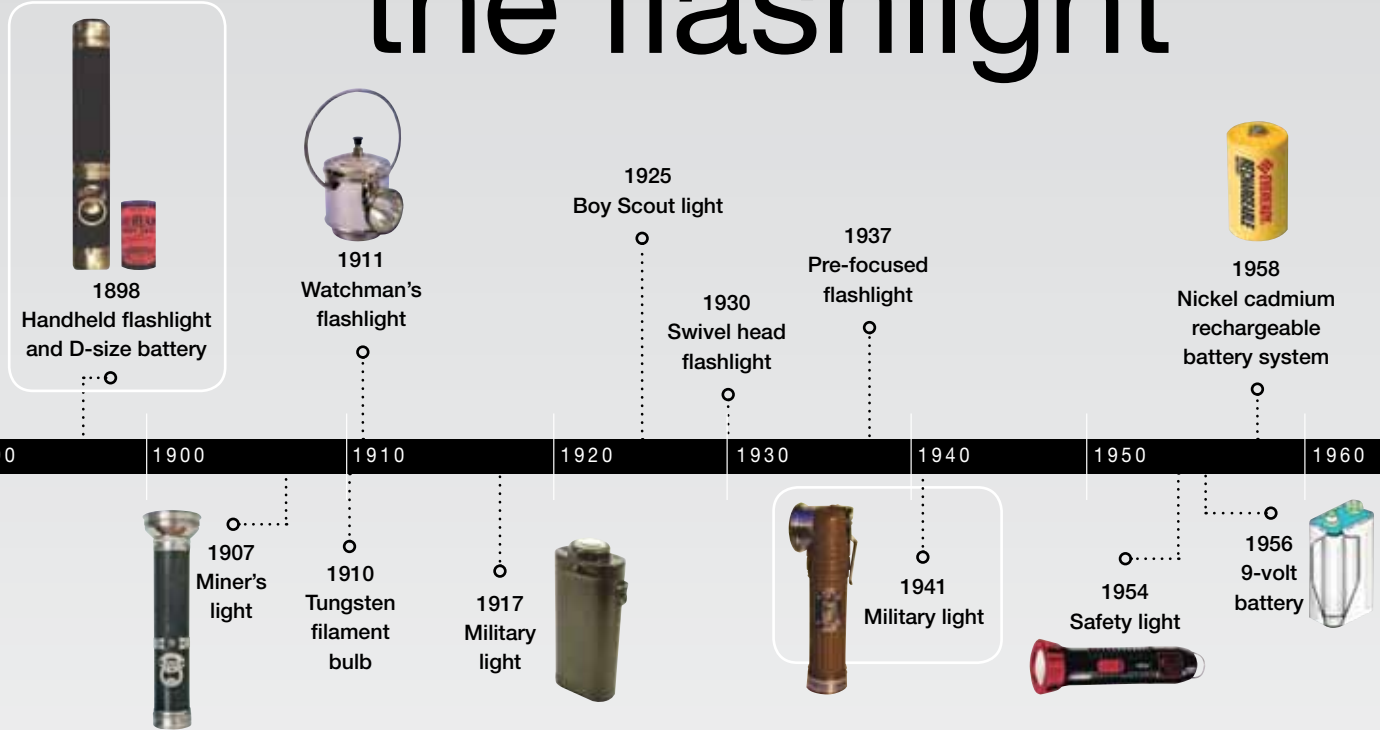
Tactical • Industrial • Outdoor



TM

We lead the way in portable lighting because

# We pioneered the flashlight



Which came first? The battery or the flashlight?

The foundation of portable power – the battery – found its earliest and most popular use powering a device invented shortly after the battery – the handheld flashlight. It began in 1898 when Conrad Hubert, a Russian immigrant, lit up New York City with the introduction of the newly patented handheld flashlight. Soon afterward, Hubert began manufacturing flashlights, batteries and light bulbs under the name “Ever Ready” – and now more than 110 years later, *Energizer* is still the innovative leader in portable lighting technology.

Hubert’s first portable flashlights were handmade using a dry cell battery, bulb and rough brass reflector inside a paper tube.

Putting these flashlights to work in the hands of New York City policemen resulted in high visibility and nearly instantaneous success for his product.

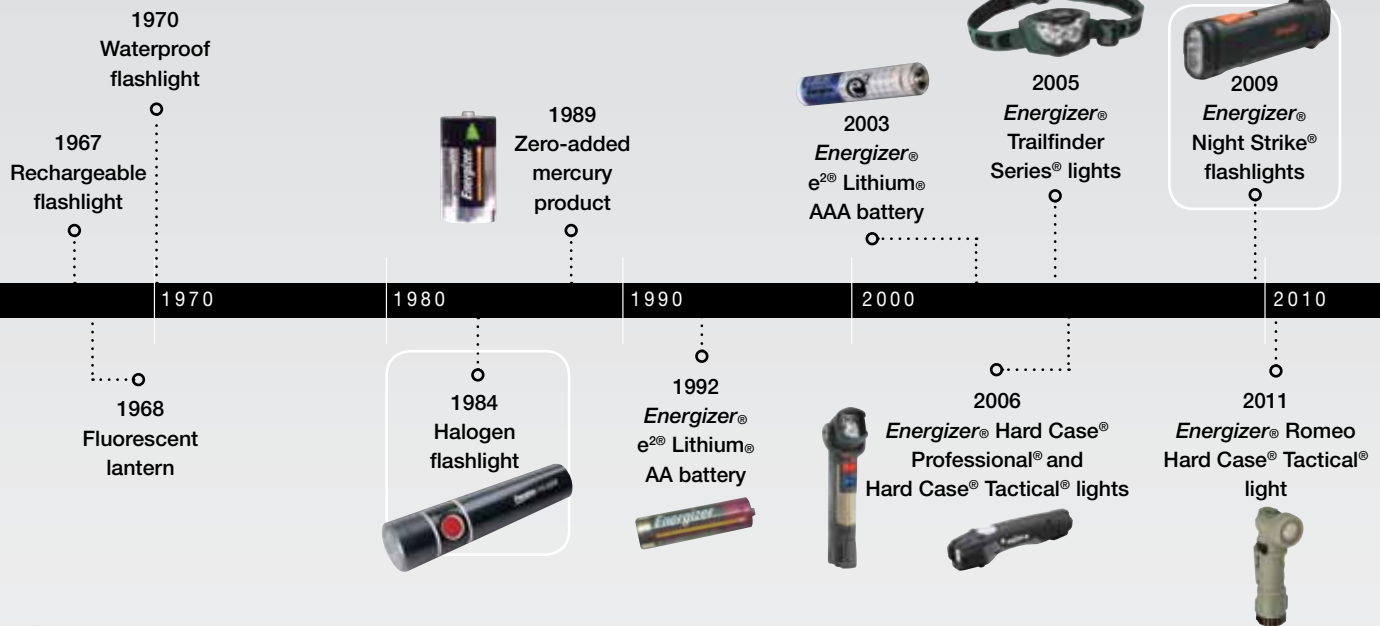
Over the years, emerging bulb and battery technology helped Eveready Battery Company, Inc. move forward in flashlight development – introducing the tungsten bulb, improving switches and developing spotlights to project light forward. Changes in case construction, lenses and endcaps all kept

Earlier advancements in design saw the development of new features in switches, lens shapes, bulb refinements and case materials.



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Eveready at the forefront of the portable lighting industry as well, and proved overwhelmingly useful for outdoorsmen, engineers, construction workers, policemen, military personnel, and miners.

In 1982 flashlight and battery technology took a substantial step forward with the opening of our Westlake, Ohio, research and development center, one of the industry's largest. Since that time we have been dedicated to developing brighter lights, extending run times, engineering rugged housings, advancing battery

Today's feature-rich lights incorporate advanced optics, versatile acrylic lenses, LEDs, and a variety of durable case materials.

performance and increasing functionality of lights for the many and varied demands of today's users.

In April 2000, to reflect our commitment to portable power and expansion of our product lines, Eveready Battery Company, Inc. began using the premium brand name, *Energizer*, as the company name. Since then we have continued our tradition of innovative lighting technology with longer lasting power, more user-driven comfort and multi-functional features, LED technology, and stronger yet lighter casing construction.

That's the reason we've been in the business of portable lighting for over 110 years.

It's not just our business – it's our passion.



We lead the way in portable lighting because

# We listen and develop solutions





## We Listen

At *Energizer*, innovation begins and ends with the user. If lighter, tougher material for case construction is required, or if achieving the greatest balance between power consumption and light output is the objective, *Energizer*® lighting products are built with the needs of the user as our first priority.

We start by getting to know the user – from Soldiers to industrial professionals to outdoorsmen and campers. We even shadow them in the field to uncover their unspoken, unmet needs. What we discover provides critical insights about usage, environment, durability, portability, ergonomics and storage requirements. After gathering user feedback and data, we use this information to build the lights they need.

## We Develop Solutions

We leverage a collaborative process to share end-user insights and develop cutting-edge solutions. Using a highly experienced team of scientists, engineers and cross-functional specialists, *Energizer* blends design and technology to bring unique consumer solutions to life. Our state-of-the-art laboratories and research facilities help our experts drive technology vital to creating innovative lighting products – LEDs, Optics, Circuitry, Materials and Power Sources. With a unique blend of consumer insight and technical expertise, *Energizer* consistently delivers solutions that enhance the end-user experience.

We lead the way in portable lighting because

# We build quality from the inside out

## Light Output

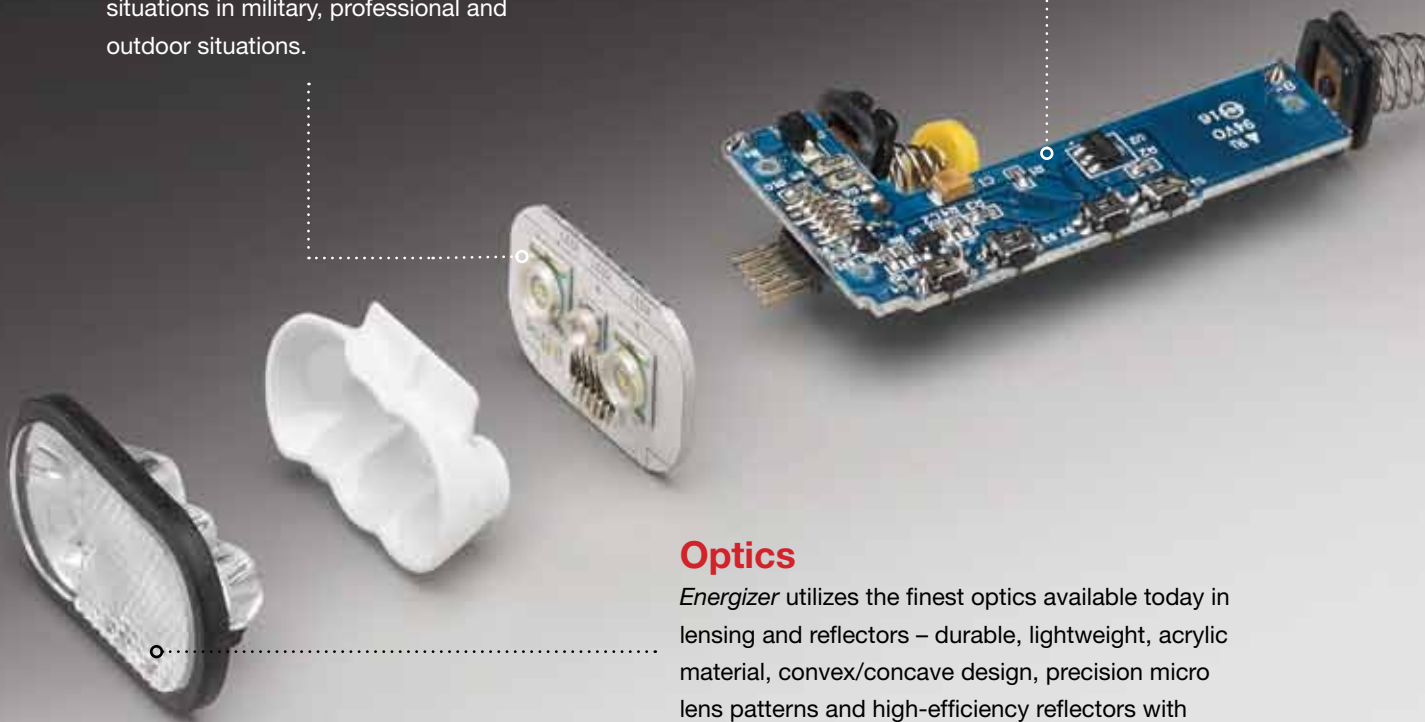
State-of-the-art light-emitting diodes (LEDs) provide intense light, rugged durability and resistance to vibration and shock. Their energy efficiency and multicolor options make them the #1 choice for critical lighting situations in military, professional and outdoor situations.

## Circuitry

*Energizer* uses microprocessors to optimize the performance of our lighting products within 80% to 90% efficiency.

## Optics

*Energizer* utilizes the finest optics available today in lensing and reflectors – durable, lightweight, acrylic material, convex/concave design, precision micro lens patterns and high-efficiency reflectors with precise faceting.





## Construction

Energizer uses high-quality magnesium alloys, aircraft-grade aluminum and advanced polymers (ABS plastic, polycarbonate and epoxy glass) that allow our lights to carry a smaller footprint while being highly resistant to damage from impact. Cooling fins are built into the magnesium alloy casings to efficiently disperse heat.

## Power Sources

Energizer® Ultimate Lithium batteries, the world's longest lasting AA and AAA batteries in high tech devices, are the ideal power source for maximizing runtimes in high performance flashlights.



We lead the way in portable lighting because

# We measure performance

*Energizer* worked with other flashlight manufacturers to develop standards for basic flashlight performance that include quantifiable measures regarding use of metrics, definitions, specified testing procedures and universally identifiable icons for each.

The result – American National Standards Institute (ANSI) FL1 Standard – is designed to help the consumer by addressing six performance measurements to improve consistency and clarity for flashlight consumers.

Establishing these standard measurements eliminates confusion and clearly communicates the features of flashlights so that consumers can make informed decisions about which product best suits their needs.

Every *Energizer*® product line follows these standards to ensure that every lighting product we build is of the highest quality.



# FL1 Standard performance measurements for *product-to-product comparison*

## Light Output



The light projected from a flashlight will be expressed in units of lumens.

## Peak Beam Intensity



Intensity of the projected light that does not vary with distance and expressed in units of candela.

## Runtime



Duration the light will operate continuously until projected light is dim.

## Beam Distance



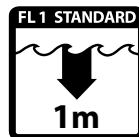
Distance the light projects onto a surface.

## Impact Resistance



After six drop tests, the flashlight must maintain all previous established measures.

## Water Penetration Rating



Clear definitions outlined about the difference

between water resistant, waterproof and submersible.



*American National Standards Institute*

The complete FL1 ANSI performance standard and metrics are available at the following outlets:

- ANSI: <http://tinyurl.com/ppgz4v>
- NEMA: <http://tinyurl.com/rdcjks>
- Techstreet: <http://tinyurl.com/q5cf2r>
- IHS: <http://tinyurl.com/odzxo8>

The Flashlight Standards Committee is comprised of representatives from leading flashlight companies including: ASP, Black Diamond, Brinkmann, Cat Eye, Coast, Coleman, Dorcy, Duracell, Energizer, Golight, Petzl, Princeton Tec, Streamlight, and Surefire. The committee was chaired by Peter Nario-Redmond of *Energizer*, with NEMA serving as secretary.

We lead the way in portable lighting because

# We deliver exceptional hands-free solutions

*Energizer*® cap lights and headlights are ideally suited for virtually any task that requires hands-free lighting. With adjustable lighting modes, multiple color LEDs and the ability to direct light where it's needed, comfortable and secure, *Energizer*® cap lights and headlights can be used indoors or outdoors!

*Energizer*®  
Industrial®  
6 LED Headlight

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*Energizer*®  
Micro LED Headlight  
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*Energizer*®  
Triple Beam LED  
Headlight  
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*Energizer*®  
Performance LED  
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*Energizer*®  
360° LED  
Cap Light  
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*Energizer.*  
Intrinsically Safe® LED  
Headlight

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*Energizer.*  
Ultimate® LED  
Headlight

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*Energizer.*  
Brilliant Beam®  
LED Headlight

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*Energizer.*  
7 LED Headlight

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*Energizer.*  
Night Strike®  
Compact LED Light

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**Energizer**<sup>®</sup>

**HARD CASE**<sup>®</sup>  
TACTICAL

## *Energizer*<sup>®</sup> Hard Case<sup>®</sup> Tactical<sup>®</sup> Lights

*Energizer*<sup>®</sup> Hard Case<sup>®</sup> Tactical<sup>®</sup> lights are engineered to be virtually indestructible. They are multi-functional, lightweight and versatile, with many features critical to military and law enforcement personnel to help them do their jobs safely and effectively.

Cutting-edge LED technology is packed into every light in the *Energizer*<sup>®</sup> Hard Case<sup>®</sup> Tactical<sup>®</sup> line. Several lights have multiple LEDs ranging from bright white, red for low light conditions, green for high contrast, blue for blood tracking, infrared (880 nanometer rating) for night vision and strobing infrared for Identify Friend or Foe (IFF). For ease of use, each LED is controlled with its own discrete switch.

To ensure that tactical personnel are able to carry out their duties in demanding conditions, these lights are powered by lightweight, long lasting AA *Energizer*<sup>®</sup> *Ultimate Lithium* batteries. This power source enhances runtimes versus alkaline batteries and outperforms other batteries in extreme temperatures (-20°C - 140°C). Today's tactical personnel can count on durable, versatile *Energizer*<sup>®</sup> Hard Case<sup>®</sup> Tactical<sup>®</sup> lights to be mission ready!

## MIL2G21L

- 5 light sources – 4 visible (white, red, blue, green) and 1 night vision compatible (IR/IFF)
- Operational toggle switch, with 3 functional modes: infrared (for both IR and IFF); lockout; and functional operation
- Primary white button located on tail cap
- Cam lock battery compartment for quick battery exchange
- Light is fully operable on 1 or 2 AA batteries
- Specially designed MOLLE/OTV/MTV attachment
- Waterproof to 1 meter for 30 minutes (IPX7)
- Packed with 2 AA *Energizer® Ultimate Lithium* batteries, the world's longest lasting AA battery in high tech devices

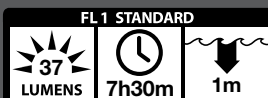


Power Source	Lamp	White LED Max Output	Add'l LEDs	Weight	Dimensions
<i>Energizer® Ultimate Lithium</i> 2AA batteries	1 White LED	77 Lumens		148.4 g (5.23 oz) (with batteries)	5.2 in x 2.2 in x 1.1 in 133 mm x 54 mm x 29 mm

## MILHL11L



- 4 light sources – 2 visible (white and blue) and 2 night vision compatible (IR and IFF)
- 8 separate intensity configurations
- Integrated IR and IFF with lockout switch
- Omni-directional beacon
- Rotates 360° and locks into desired position in 18° increments
- Light is fully operable on 1 AA battery
- Mounts on either side of helmet and does not protrude below rim
- Includes mounts for helmet and vest (MOLLE/OTV/MTV)
- Advanced polymer construction
- Waterproof to 1 meter for 30 minutes (IPX7)
- Packed with 1 AA *Energizer® Ultimate Lithium* battery, the world's longest lasting AA battery in high tech devices
- Lifetime warranty



Power Source	Lamp	White LED Max Output	Add'l LEDs	Weight	Dimensions
<i>Energizer® Ultimate Lithium</i> 1AA battery	1 White LED	37 Lumens		93.4 g (3.3 oz) (with helmet mount & battery)	2.93 in x 1.25 in x 1.01 in 74.42 mm x 31.75 mm x 25.65 mm

## MILMOS11L

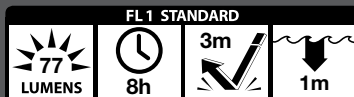
- Bright white LED with TIR lens
- Included red and blue secondary lenses screw in tailcap for storage
- One touch on/off push button for ease of operation
- Operates on 1 AA battery
- MOLLE/OTV/MTV attachment with magnets
- Advanced polymer construction
- Waterproof to 1 meter for 30 minutes (IPX7)
- Packed with 1 AA *Energizer® Ultimate Lithium* battery, the world's longest lasting AA battery in high tech devices
- Lifetime warranty



Power Source	Lamp	White LED Max Output	Weight	Dimensions
<i>Energizer® Ultimate Lithium</i> 1AA battery	1 White LED	43 Lumens	57 g (2 oz) (with battery)	3.875 in x 1.5 in x 1 in 98.425 mm x 38.1 mm x 25.4 mm

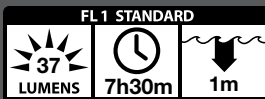
## LE2G21L

- 5 light sources – 4 visible (white, red, blue, green) and 1 night vision compatible (IR/IFF)
- Operational toggle switch, with 3 functional modes: infrared (for both IR and IFF); lockout; and functional operation
- Primary white button located on tail cap
- Cam lock battery compartment for quick battery exchange
- Light is fully operable on 1 or 2 AA batteries
- Specially designed MOLLE/OTV/MTV attachment
- Waterproof to 1 meter for 30 minutes (IPX7)
- Packed with 2 AA *Energizer® Ultimate Lithium* batteries, the world's longest lasting AA battery in high tech devices






Power Source	Lamp	White LED Max Output	Add'l LEDs	Weight	Dimensions
<i>Energizer® Ultimate Lithium</i> 2AA batteries	1 White LED	77 Lumens	 IFF IR	148.4 g (5.23 oz) (with batteries)	5.2 in x 2.2 in x 1.1 in 133 mm x 54 mm x 29mm

## LEHL11L



- 4 light sources – 2 visible (white and blue) and 2 night vision compatible (IR and IFF)
- 8 separate intensity configurations
- Integrated IR and IFF with lockout switch
- Omni-directional beacon
- Rotates 360° and locks into desired position in 18° increments
- Light is fully operable on 1 AA battery
- Mounts on either side of helmet and does not protrude below rim
- Includes mounts for helmet and vest (MOLLE/OTV/MTV)
- Advanced polymer construction
- Waterproof to 1 meter for 30 minutes (IPX7)
- Packed with 1 AA *Energizer® Ultimate Lithium* battery, the world's longest lasting AA battery in high tech devices
- Lifetime warranty

Power Source	Lamp	White LED Max Output	Add'l LEDs	Weight	Dimensions
<i>Energizer® Ultimate Lithium</i> 1AA battery	1 White LED	37 Lumens	   IFF IR	127.9 g (4.5 oz) (with battery)	3 in x 1.5 in 76.2 mm x 38.1 mm

## *Energizer*<sup>®</sup> Intrinsically Safe<sup>®</sup> Lights

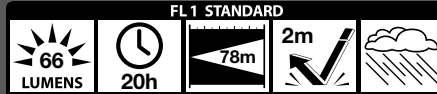
*Energizer*<sup>®</sup> Intrinsically Safe<sup>®</sup> lights are built from the ground up to eliminate risk of explosion in hazardous environments. Rugged and durable, these lights have features needed by today's professionals. Our products feature extra-large switches for use with gloved hands and hanging capability through both lanyards and carabiner hooks. Our state-of-the-art headlight provides users extended runtimes and multiple light options, including color LEDs for specialized tasks.



With innovative functionality and industry-certified safety ratings, *Energizer*<sup>®</sup> Intrinsically Safe<sup>®</sup> lights deliver the right solution for the most demanding professionals.



## MSHD31BP

- 4 light modes – high and low white beam, red for night vision and green for inspection work
- Class 1, Division 1 rated
- Hands-free lighting with discrete controls
- Light pivots to direct beam where needed
- Flip-up lens diffuses spot to area light
- Rear mount battery pack distributes weight evenly
- Non-slip strap stays put
- Water resistant
- Packed with 3 AA *Energizer*® MAX® batteries



Power Source	Lamp	White LED Max Output	Add'l LEDs	Weight	Dimensions of Light (in)
<i>Energizer</i> ® MAX® 3AA	1 White LED	66 Lumens	 	90.7 g (3.2 oz) (with batteries)	2.85 x 1.85

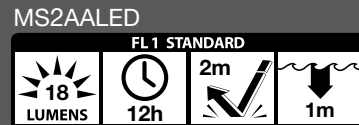
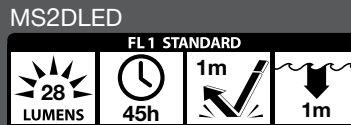
## MS2DLED | MS2AALED

- Class 1, Division 1 rated
- Meet MSHA requirements
- Built-in carabiner belt clip
- Easy to use push button switch
- Oil and grease resistant body
- Waterproof
- Shatterproof lens
- MS2DLED – Packed with 2 D *Energizer*® MAX® batteries
- MS2AALED – Packed with 2 AA *Energizer*® MAX® batteries



MS2DLED

MS2AALED



Power Source	Lamp	White LED Max Output	Weight	Dimensions (in)
<i>Energizer</i> ® MAX® 2D	1 White LED	28 Lumens	455 g (16 oz) (with batteries)	7.93 x 2.55
<i>Energizer</i> ® MAX® 2AA	3 White LEDs	18 Lumens	112 g (3.9 oz) (with batteries)	5.97 x 1.6



## *Energizer*® Hard Case® Professional® Lights

THE TOUGHEST FLASHLIGHTS YOU'LL EVER NEED™

For the toughest demands in portable lighting, *Energizer*® Hard Case® Professional® flashlights can meet the challenge with their rugged dependability and innovative LED technology.

Durable, impact resistant ABS plastic frames with steel sides, shock absorbing rubber overmolds and shatterproof lenses create tool-quality lights that can take a 1½ story fall and get right back to work. And powerful LEDs, optimized with reflector and lens, are designed to provide the appropriate light to accomplish the task at hand.

Whether the job is construction, the trades, industrial – or even tough jobs around the house – *Energizer*® Hard Case® Professional® lights get the tough jobs done.

## TUFPAL31E



Wall Mount



Magnet Mount

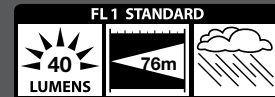


- 3 bright wide angle LEDs
- Impact absorbing rubber overmold
- Simply push lens switch to activate
- Comes with two mounting options for convenience and flexibility – magnetic mount (for use under hood of car) and wall mount (for work benches)
- Packed with 3 AA *Energizer*® MAX® batteries

Power Source	Lamp	White LED Max Output	Weight	Dimensions (in)
<i>Energizer</i> ® MAX® 3AA	3 White LEDs	50 Lumens	184 g (6.5 oz) (with batteries)	3.75 x 1

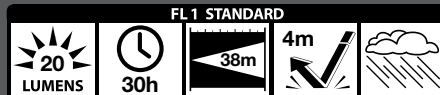
## TUFPL22PH

- Slim, compact, anti-roll tapered design
- One-handed easy operation
- Non-conductive material
- Water resistant
- Non-slip grip
- Impact resistant rubber head and tail
- Shatterproof lens
- Packed with 2 AAA *Energizer*® MAX® batteries



Power Source	Lamp	White LED Max Output	Weight	Dimensions (in)
<i>Energizer</i> ® MAX® 2AAA	1 White LED	40 Lumens	184 g (6.5 oz) (with batteries)	5.8 x 1

## TUF2AAPE



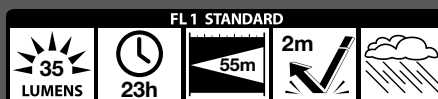
- Compact, anti-roll design
- Easy to use push button switch
- Rugged construction to stand up to any job
- Water resistant
- Packed with 2 AA *Energizer*® MAX® batteries

Power Source	Lamp	White LED Max Output	Weight	Dimensions (in)
<i>Energizer</i> ® MAX® 2AA	3 White LEDs	20 Lumens	162 g (6.7 oz) (with batteries)	6.76 x 1.75

## TUF4AAPE



- Rugged and durable construction
- Bright white LEDs produce tight spot beam ideally suited for light needs in small areas
- Water resistant
- Easy to use push button switch
- Packed with 4 AA Energizer® MAX® batteries




Power Source	Lamp	White LED Max Output	Weight	Dimensions (in)
Energizer® MAX® 4AA	4 White LEDs	35 Lumens	428 g (15.1 oz) (with batteries)	8.87 x 3.03

## TUF5W21PH

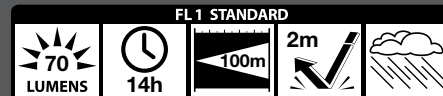
- 4 light modes – high and low white beam, red for night vision and green for inspection work
- Flat base and swivel-head that rotates 125° allow for hands-free light where needed
- Sturdy clip attaches to belt or strap
- Water resistant
- Packed with 2 AA Energizer® MAX® batteries



Power Source	Lamp	White LED Max Output	Add'l LEDs	Weight	Dimensions (in)
Energizer® MAX® 2AA	1 White LED	35 Lumens		217 g (7.6 oz) (with batteries)	7.5 x 2.25

## TUFHD31PE

- 4 light modes – high and low white beam, red for night vision and green for inspection work
- Hands-free lighting with discrete controls
- Light pivots to direct beam where needed
- Flip-up lens diffuses spot to area light
- Rear mount battery pack distributes weight evenly
- Non-slip strap stays put
- Removable top strap
- Water resistant
- Packed with 3 AA *Energizer*® MAX® batteries

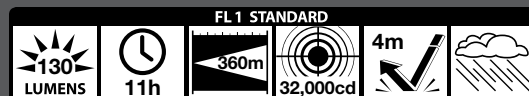


Power Source	Lamp	White LED Max Output	Add'l LEDs	Weight	Dimensions of Light (in)
<i>Energizer</i> ® MAX® 3AA	1 White LED	70 Lumens	● ●	201.5 g (7.12 oz)	3.12 x 1.13 (with batteries)

## TUF4CPE



- Provides 360 meters of beam distance for searching
- Tight white spot provides intense focused beam
- Impact resistant
- Water resistant
- Beam intensity of 32,000 candela
- Packed with 4 C *Energizer*® MAX® batteries



Power Source	Lamp	White LED Max Output	Weight	Dimensions (in)
<i>Energizer</i> ® MAX® 4C	1 White LED	130 Lumens	1083 g (38.2 oz) (with batteries)	8.07 x 4.25



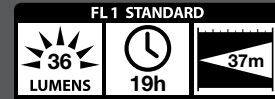
**Energizer**<sup>®</sup>  
INDUSTRIAL<sup>+</sup>

## *Energizer*<sup>®</sup> Industrial<sup>®</sup> Lights

*Energizer*<sup>®</sup> Industrial<sup>®</sup> lights are designed and built with the rugged features hard-working professionals need and appreciate on the job. Built with durable materials, sure-grip handles and extra-large switches, *Energizer*<sup>®</sup> Industrial<sup>®</sup> lights are designed with professionals in mind. Innovative attachments and hands-free solutions also make it clear, *Energizer*<sup>®</sup> Industrial<sup>®</sup> lights are ready to meet the requirements of today's demanding work force.

## HDL33AINE

- 4 light modes – spot, area, flood or red light for night vision
- Swivel adjustment with ratchet positioning for accurate aim
- Comfortable headband includes grips with pencil holders to mount securely on a hard hat
- Strips in headband reflect in low light
- Packed with 3 AAA *Energizer*® MAX® batteries



Power Source	Lamp	White LED Max Output	Add'l LEDs	Weight	Dimensions of Light (in)
<i>Energizer</i> ® MAX® 3AAA	4 White LEDs	36 Lumens		81 g (2.9 oz) (with batteries)	2.85 x 1.85

## INCAP11EH

- 3 light modes – bright white flood beam (high/low) and red for night vision
- Versatile clip attaches securely to hard hat
- Light swivels 360°
- Large separate push buttons
- Water resistant
- Rugged construction
- Packed with 1 AA *Energizer*® MAX® battery



Power Source	Lamp	White LED Max Output	Add'l LEDs	Dimensions (in)
<i>Energizer</i> ® MAX® 1AA	1 White LED	40 Lumens		2.8 x 1.0

## INL2DE | INL2AAE

- Ribbed grip and non-roll foot
- Built in hanger hook on tail and woven lanyard
- Waterproof
- INL2DE – Packed with 2 D *Energizer*® MAX® batteries
- INL2AAE – Packed with 2 AA *Energizer*® MAX® batteries



INL2DE



INL2AAE



Power Source	Lamp	White LED Max Output	Weight	Dimensions (in)
<i>Energizer</i> ® MAX® 2D	4 White LEDs	35 Lumens	168.3 g (5.9 oz) (without batteries)	2.5 x 8.0
<i>Energizer</i> ® MAX® 2AA	2 White LEDs	13 Lumens	72.1 g (2.5 oz) (without batteries)	1.6 x 6.3

A man in camouflage gear is shown in profile, holding a flashlight that illuminates a dark forest at night. The flashlight beam is directed towards a tree trunk on the right side of the frame. The background is filled with dark, vertical tree trunks, creating a dense forest atmosphere. The overall scene is dimly lit, with the primary light source being the flashlight.

**Energizer**<sup>®</sup>  
NIGHT STRIKE

## *Energizer*<sup>®</sup> Night Strike<sup>®</sup> Lights

Engineered for the Extreme<sup>®</sup>

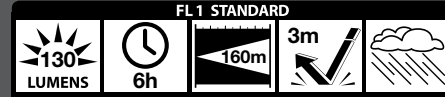
*Energizer*<sup>®</sup> Night Strike<sup>®</sup> lights are designed to meet the specific lighting needs of outdoor enthusiasts. With superior thermal management, optimal balance between brightness and runtime, and maximum LED performance, these rugged, dependable lights will make the most of any outdoor adventure.

Veteran hunters, outdoorsmen, guides and outfitters will appreciate *Energizer*<sup>®</sup> Night Strike<sup>®</sup> with the latest features and technology available in the marketplace today.



## ENSHH31L

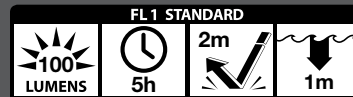
- 5 light modes – 3 white (spot, flood, spot/flood combo), 2 red (high and low)
- Discrete switching with advanced “next-push-off” switching technology
- Advanced magnesium alloy case
- Water resistant
- Packed with 3 AA Energizer® Ultimate Lithium batteries



Power Source	Lamp	White LED Max Output	Add'l LEDs	Weight	Dimensions of Light (in)
Energizer® Ultimate Lithium 3AA	2 White LEDs	130 Lumens		174 g (6.13 oz) (with batteries)	6.1 x 1.7

## ENS2G21L

- 13 light modes – white (high, medium, low), red (high, medium, low), blue (high, medium, low), green (high, medium, low) and ultraviolet (405 nanometers)
- Head swivels 130° and stands for hands-free use
- Discrete switching
- Advanced dual polymer casing with soft side finish
- DualDrive® technology allows light to function on 1 or 2 AA batteries
- Waterproof
- Packed with 2 AA Energizer® Ultimate Lithium batteries



Power Source	Lamp	White LED Max Output	Add'l LEDs	Weight	Dimensions (in)
Energizer® Ultimate Lithium 2AA	1 White LED	100 Lumens		148 g (5.2 oz) (with batteries)	5.6 x 2.2

## ENSHL11L



Versatile Mount



- 7 light modes – white (high, medium, low), red (high, medium, low) and blue
- Green LED on side is locator or “find me” feature (can be turned off if desired)
- Small, compact design easily fits in pocket
- Includes mount for hands-free use
- Waterproof
- Advanced dual polymer casing with soft side finish
- Packed with 1 AA Energizer® Ultimate Lithium battery

Power Source	Lamp	White LED Max Output	Add'l LEDs	Weight	Dimensions (in)
Energizer® Ultimate Lithium 1AA	1 White LED	40 Lumens		127.9 g (4.5 oz) (with batteries)	3 x 1.5



## *Energizer*® *Ultimate*® Lights

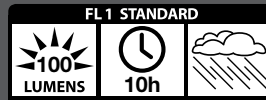
Survival in extreme temperatures, weather conditions and terrains requires dependable lighting. *Energizer. Ultimate*® lights are designed and built to meet the demands and needs of extreme outdoor activity enthusiasts.



Advanced circuitry optimizes performance with long runtimes, multiple illumination options and adjustable brightness levels from 100% - 6%. Rugged, water resistant casings are lightweight and ergonomically comfortable.

Extreme circumstances require extreme dependability. That's *Energizer. Ultimate*®.

## ELHD2AL

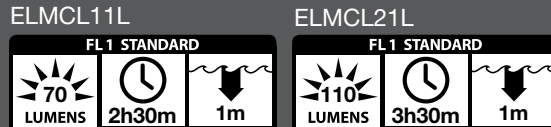
- Serial switch actuates 5 light modes – white (high, medium, low), strobe and red
- Green “find me” or “follow me” LED
- Boost button provides 130 lumens of bright light for up to 15 seconds
- Focusing mechanism regulates beam from tight spot to wide flood
- Water resistant
- Pivots to aim light where needed
- Battery pack located on back of headlight for balance
- Packed with 3 AA Energizer® Ultimate Lithium batteries



Power Source	Lamp	White LED Max Output	Add'l LEDs	Weight	Dimensions (in)
Energizer® Ultimate Lithium 3AA	1 White LED	100 Lumens	 	269 g (9.48 oz) (with batteries)	1.6 x 1.25

## ELMCL11L | ELMCL21L

- Advanced circuitry allows for variable brightness control
- Push button tail-switch regulates brightness with the touch of a finger
- Machined aircraft aluminum casing
- Pulse-width modulation maximizes battery life
- Automatic 30-minute shutoff if light is accidentally activated
- Waterproof
- Shatterproof lens
- ELMCL11L – Packed with 1 AA Energizer® Ultimate Lithium battery
- ELMCL21L – Packed with 2 AA Energizer® Ultimate Lithium batteries



Power Source	Lamp	White LED Max Output	Weight	Dimensions (in)
Energizer® Ultimate Lithium 1AA	1 White LED	70 Lumens	83.2 g (2.93 oz) (with batteries)	4.33 x 1.12
Energizer® Ultimate Lithium 2AA	1 White LED	110 Lumens	114.8 g (4.6 oz) (with batteries)	6.28 x 1.12



## *Energizer*® Solar™ Lights

*Energizer*® Solar™ lights leverage the latest technology to deliver advanced, renewable lighting solutions. *Energizer*'s hybrid platform harnesses the power of sunlight, with the added benefit of alternative energy through batteries, self-powered winding or car charging. Designed for both outdoor and emergency use, *Energizer*® Solar™ lights offer a unique combination of renewable power and exceptional performance.



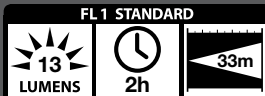
## SOLRE35BP

- Dual power options - solar panel or 3 D alkaline batteries
- Choose bright area light or an amber night light setting
- Lens folds out to provide 360° illumination or down to provide 180° illumination
- Solar panel folds out to maximize sun exposure for charging
- Powerful enough to light a room or campsite
- 5 hours of charging in full sun provides 2.5 hours runtime of maximum light output; 3 D alkaline batteries provide 165 hours runtime of maximum light output



Power Source	Lamp	White LED Max Output	Add'l LEDs	Weight	Dimensions (in)
Rechargeable Battery Pack or Energizer® MAX® 3D	8 White LEDs	66 Lumens (based on 5 hours of charging in full sun)		774 g (27.3 oz) (with rechargeable battery pack)	7.64 x 5.40

## SOLCKCCBP



- Dual energy source
  - Rechargeable batteries powered by solar panel
  - Crank
- Solar panel charges even in low light
- Carabiner clip to hang light where needed
- 5 hours of charging in full sun provides 2 hours of runtime
- Crank charging for 1 minute provides 4 minutes of runtime

Power Source	Lamp	White LED Max Output	Weight	Dimensions (in)
Rechargeable Battery Pack	3 White LEDs	13 Lumens (based on 5 hours of charging in full sun)	139 g (4.9 oz) (with rechargeable battery pack)	5.2 x 2.2

## SOLRECBP

- Dual power options – solar panel or car adaptor
- Water resistant
- Delivers a large spot beam
- 2 hours of charging in full sun provides 3.5 hours runtime



Power Source	Lamp	White LED Max Output	Weight	Dimensions (in)
Rechargeable Battery Pack	4 White LEDs	24 Lumens (based on 5 hours of charging in full sun)	499 g (17.6 oz) (with rechargeable battery pack)	8.25 x 5



***Energizer***<sup>®</sup>

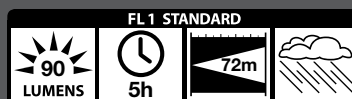
## *Energizer*<sup>®</sup> Outdoor Lights



On the trail or at the campsite, *Energizer*<sup>®</sup> outdoor lights supply outstanding illumination for any adventure. Designed to help navigate the many challenges of the great outdoors, these lights are welcome and dependable companions.

*Energizer*<sup>®</sup> outdoor hands-free cap lights, adjustable headlights and handheld lights offer virtually indestructible bright LED lighting as well as the versatility, water resistance and rugged construction required to meet the demands of varying outdoor conditions.

## HD33A3CE

- 4 light modes – white high and low, red LED for night vision and green LED for inspection
- Bright white LED delivers 90 lumens
- Dedicated push buttons access white, red and green LEDs
- Water resistant
- Removable, washable strap
- Packed with 3 AAA *Energizer*® MAX® batteries




Power Source	Lamp	White LED Max Output	Add'l LEDs	Dimensions (in)
<i>Energizer</i> ® MAX® 3AAA	1 White LED	90 Lumens	 	1.7 x 2.5

## HDL1AAE

- 3 light modes – spot, variable brightness and red for night vision
- High intensity white LED
- Adjustable brightness levels from 100% to 6%
- Discrete switching
- Waterproof
- Packed with 1 AA *Energizer*® MAX® battery

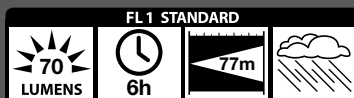



Power Source	Lamp	White LED Max Output	Add'l LEDs	Weight	Dimensions of Light (in)
<i>Energizer</i> ® MAX® 1AA	1 White LED	60 Lumens		89.6 g (3.16 oz) (with batteries)	3.75 x 1.25

## HD5L33AE



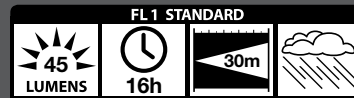
- 3 light modes – spot, flood and red for night vision
- Pivots to aim light where needed
- Easy push button switch
- Comfortable adjustable head strap
- Water resistant
- Packed with 3 AAA *Energizer*® MAX® batteries




Power Source	Lamp	White LED Max Output	Add'l LEDs	Weight	Dimensions of Light (in)
<i>Energizer</i> ® MAX® 3AAA	3 White LEDs	70 Lumens		125.2 g (4.42 oz) (with batteries)	3.38 x 2.38

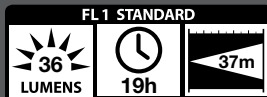
## HD7L33AE

- 4 light modes – area, spot, flood, red for night vision
- Pivots to aim light where needed
- Push button switch
- Soft elastic adjustable headband
- Water resistant
- Packed with 3 AAA Energizer® MAX® batteries




Power Source	Lamp	White LED Max Output	Add'l LEDs	Weight	Dimensions of Light (in)
Energizer® MAX® 3AAA	5 White LEDs	45 Lumens		90.7 g (3.19 oz) (with batteries)	2.75 x 1.63

## HDL33A2E



- 4 light modes – area, spot, flood, red for night vision
- Pivots to aim light where needed
- Recessed switching prevents accidental activation
- Dedicated push buttons access white and red LEDs
- Packed with 3 AAA Energizer® MAX® batteries

Power Source	Lamp	White LED Max Output	Add'l LEDs	Weight	Dimensions of Light (in)
Energizer® MAX® 3AAA	4 White LEDs	36 Lumens		125.2 g (4.14 oz) (with batteries)	2.85 x 1.85



## HD4L33AE

- 2 light modes – flood, red for night vision
- Pivots to aim light where needed
- Push button switch
- Soft elastic adjustable headband
- Water resistant
- Packed with 3 AAA *Energizer*® MAX® batteries



Power Source	Lamp	White LED Max Output	Add'l LEDs	Weight	Dimensions of Light (in)
<i>Energizer</i> ® MAX® 3AAA	3 White LEDs	28 Lumens		88.9 g (3.13 oz) (with batteries)	2.75 x 1.63

## EDMCC42E

- 3 light modes
- 360° area light – high/low
- Flashlight with 19 meters beam distance
- Carabiner clip for hands free use
- Slim design for maximum portability
- Packed with 4 AAA *Energizer*® MAX® batteries



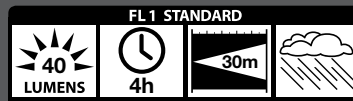
Power Source	Lamp	White LED Max Output	Dimensions (in)
<i>Energizer</i> ® MAX® 4AAA	1 White LED	50 Lumens	2.8 x 1.0


***Energizer***<sup>®</sup>



## ECAP1AAE

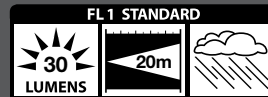
- 3 light modes – bright white flood beam (high/low) and red for night vision
- Light swivels 360°
- Large separate push buttons
- Water resistant
- Versatile clip attaches securely to cap or hard hat
- Rugged construction
- Packed with 1 AA *Energizer*® MAX® battery



Power Source	Lamp	White LED Max Output	Add'l LEDs	Dimensions (in)
<i>Energizer</i> ® MAX® 1AA	1 White LED	40 Lumens		2.8 x 1.0

## CAPR22E

- 3 light modes – white (high/low) and red for night vision
- Contoured above brim design does not obstruct vision
- Swivels 90° to point light where it is needed
- Recessed push button switch prevents inadvertent activation
- Durable metal clip sits snugly to brim of cap
- Water resistant
- Packed with 2 AAA *Energizer*® MAX® batteries

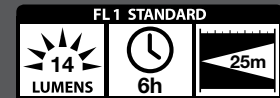


Power Source	Lamp	White LED Max Output	Add'l LEDs	Weight	Dimensions (in)
<i>Energizer</i> ® MAX® 2AAA	3 White LEDs	30 Lumens		87 g (3.06 oz) (with batteries)	2 x 3

## CAPW2BBP



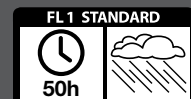
- Hands-free light attaches to brims of caps and visors
- Over the brim design does not obstruct vision
- Flood beam for wide, close-up illumination
- Recessed push button switch to prevent inadvertent activation
- Lightweight
- Packed with 2 Energizer® CR2032 lithium coin cell batteries



Power Source	Lamp	White LED Max Output	Weight	Dimensions (in)
Energizer® CR2032 Lithium Coin Cells	3 White LEDs	14 Lumens	30 g (1.05 oz)	2.36 x 2.17

## ESF2BUBP

- “Be seen” light for early morning/evening activities
- Versatile clip attaches to clothing packs and more
- Easy on/off switch
- Flash rate of 80 per minute
- Size: 1.4 inch diameter, 0.9 inch height
- Packed with 2 Energizer® CR2032 lithium coin cell batteries

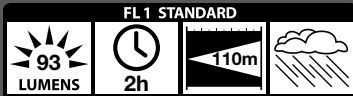




Power Source	Lamp	Flash Rate	Weight	Dimensions (in)
Energizer® CR2032 Lithium Coin Cells	1 Red LED	80 per minute	12 g (0.42 oz) (with batteries)	1.4 x 0.9

## EHH2AA3CE



- 4 light modes – white spot beam (high/low), red, green
- Large separate push buttons
- Water resistant
- Rugged construction
- Packed with 2 AA Energizer® MAX® batteries



Power Source	Lamp	White LED Max Output	Add'l LEDs	Dimensions (in)
Energizer® MAX® 2AA	1 White LED	93 Lumens	 	5.3 x 1.2

## EMHIL21E

- Bright LED delivers up to 130 lumens
- Durable machine high strength aluminum case
- Knurled grip with a nylon lanyard
- Push button tail switch
- Water resistant
- Packed with 2 AA Energizer® MAX® batteries



Power Source	Lamp	White LED Max Output	Weight	Dimensions (in)
Energizer® MAX® 2AA	1 White LED	130 Lumens	139 g (4.9 oz) (with batteries)	5.76 x 1.06

## PLED34AE

- Bright white LED with polycarbonate shatterproof lens
- Focusing lens projects concise spot
- Tool quality composite material construction
- Momentary switch extends runtime
- Twist switch for constant light
- Water resistant
- Durable non-conductive E-glass case
- Durable pocket clip
- Packed with 3 AAAA *Energizer*® MAX® batteries

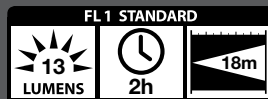


Power Source	Lamp	White LED Max Output	Weight	Dimensions (in)
<i>Energizer</i> ® MAX® 3AAAA	1 White LED	10 Lumens	40.2 g (1.42 oz) (with batteries)	6.3 x .6

## HTKC2BUCS



- 3 light modes – high, low, and flash
- Durable metal case
- Bright LED
- Compact size
- Integrated flat keyring
- Impact resistant
- Packed with 2 *Energizer*® CR2032 lithium coin cell batteries



Power Source	Lamp	White LED Max Output	Weight	Dimensions (in)
<i>Energizer</i> ® CR2032 Lithium Coin Cells	1 White LED	13 Lumens	62.4 g (2.2 oz) (with batteries)	2 x 3

# *Energizer*® batteries engineered for high tech devices

## *Energizer*® Ultimate Lithium Batteries

*Ideal Power Source for High-Performance Lights*

- World's longest lasting AA and AAA batteries in high tech devices
- Excellent performance in extreme temperatures from -40°F to 140°F
- 1/3 lighter than alkaline batteries
- 15-year storage life
- Last up to 7 hours longer\* in handheld GPS devices
- Available in AA-24 packs

\*vs. Energizer® MAX® AA only. Results vary by device.



## *Energizer*® Recharge® Batteries

*Reusable Power Ready When You Are®*

- Now charge up to 250 more\* times
- Last up to 4X longer\*\* in digital cameras
- Hold charge longer\*\*\*

\*vs. Energizer® AA 2450 mAh.

\*\*vs. Energizer® MAX® AA. Results vary by camera and usage.

\*\*\*vs. Energizer® AA 2450 mAh. Charge retention at 6 months.



## *Energizer*® Lithium 123 Batteries

*Ideal Power Source for Today's High End Flashlights and Devices*

- Operate well in extreme temperatures -40°F to 140°F
- Shelf life of up to 10 years, making *Energizer*® 123 Lithium a dependable battery choice
- Available in 6 and 12 packs



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