

LED LENSER®



2012 PRODUCT CATALOG



LED LENSER® X21R  
000001



## RAISING THE BAR

It's What We Mean by German Engineering

LED lights today are getting brighter and brighter; smaller and smaller. But is brighter really better if the quality of the light is compromised by outdated focusing technology? Is a smaller frame enough, or should it be a smaller frame that can be operated with only one-hand? How about beam distance and run time? Warranty and materials?

While most light companies want to tell you about their quantity of lumens (brightness), we'd like to talk to you about our quantity *and* quality. We'd like to show you the difference between bright and clearly brighter—what it means when your light is a German-engineered LED Lenser.

***In the end all lumens are not created equal.*** Our selection of only top "bin" LEDs, use of gold-plated circuits, aero-grade anodized aluminum and flawless bezel construction are only the beginning of our award-winning lights and headlamps. Beneath these designs is advanced, yet practical technology that enhances the light, its output and the user's ability to direct it all. It's what we call, ***creating new worlds of light.***

The LED Lenser difference starts with:

- Patented Advanced Focus System
- X-Lens Technology™
- Customized Smart Light Technology™
- Modular Construction Systems
- One-handed Rapid Focus™ System
- 5-year, Industry-leading Warranty





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LED LENSER®  TECHNOLOGY



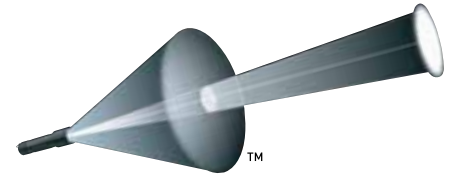
## ADVANCED FOCUS SYSTEM

Traditionally light-focusing systems have consisted of either a lens, or a reflector. Lenses have the advantage of emitting a homogenous light pattern for up-close reading, yet over long distances almost 70% of the light is scattered and lost.

Conversely, while reflectors do a better job of capturing a higher percentage of light for long-distances, when they are used for up-close reading scattered light causes “rings” and “holes” in the light pattern leading to eye fatigue.

In both these cases, the lumen count (brightness) loses its validity as light is misdirected and wasted. That’s why we decided to try something different. ***If you pull together the strengths of the lens and the reflector into one combined system, you achieve clear, homogenous light spill for up-close reading and a sharply-focused beam for long-distance viewing.***

This is exactly what we’ve done with the unique and patented Advanced Focus System (AFS). It means reading the map up-close is easy on the eyes and then focusing to find the path or landmark in the distance, clear and bright.



**Advanced Focus System**

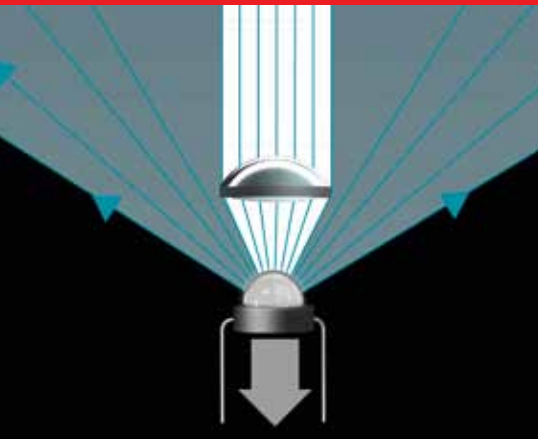
U.S. PATENT NUMBER: 7,461,960

## RAPID FOCUS™ SYSTEM

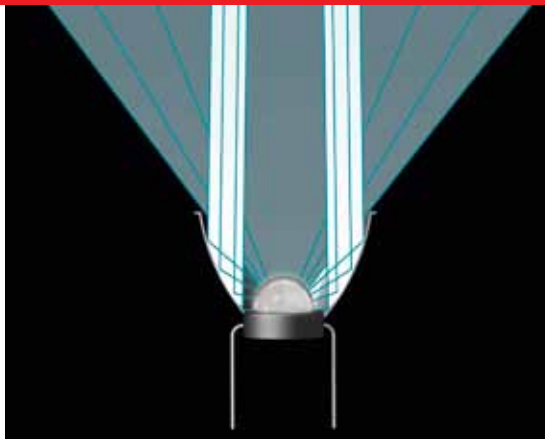


Fiddling with the the light bezel to focus and de-focus is a hassle. If you loosen it too much the light goes off, not enough and you’re starting over. Worst of all the speed of acting, or reacting is doubled when you have to use two hands.

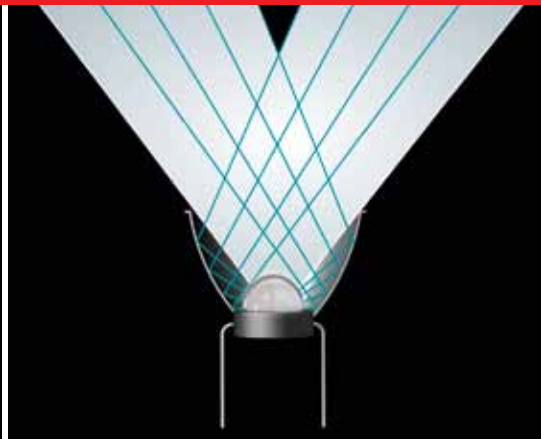
With our Rapid Focus system you can go from reading to searching and back again by using the thumb on your holding hand to simply slide the bezel away from you. One hand, one movement, and seamless transition from near to far and all points in between.



Optical path via lens – focused

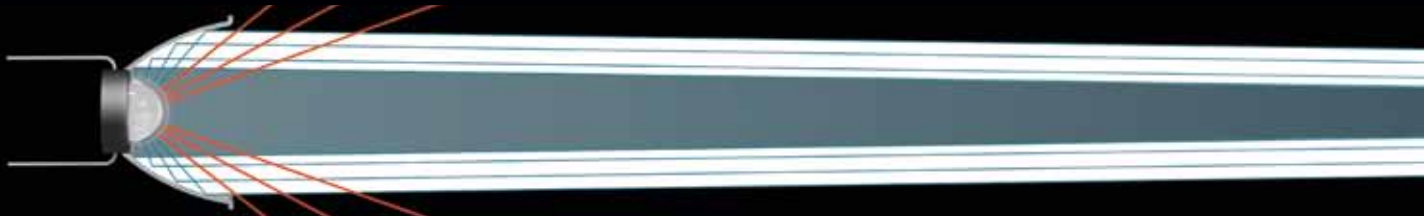


Optical path via reflector – focused

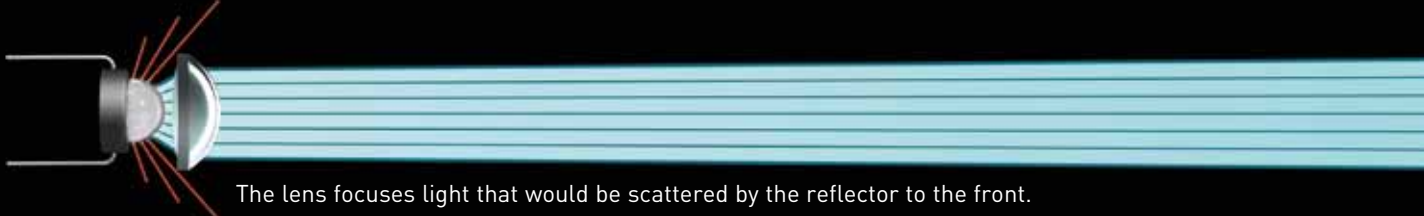


Optical path via reflector – defocused

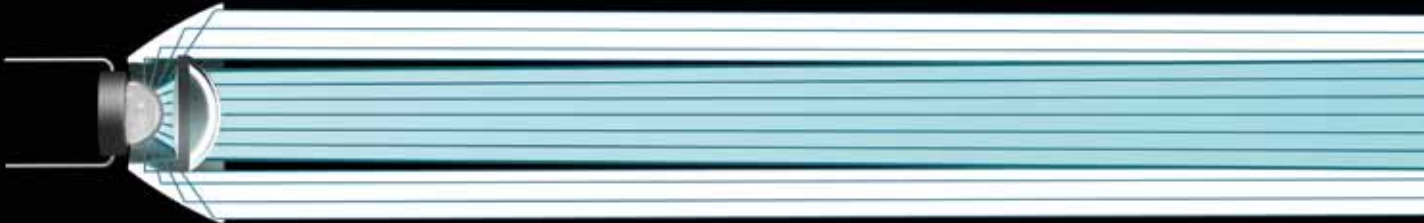
# AFS ADVANTAGE



Light emitted sideways is focused to the front by the reflector.  
**Disadvantage:** A high amount of light is scattered.



The lens focuses light that would be scattered by the reflector to the front.  
**Disadvantage:** The light emitted sideways is lost.



The Reflector/Lens focuses almost the whole amount of light to the front via reflector & lens.



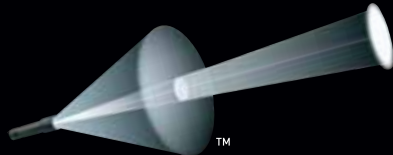
Reflector



Lens



Reflector/Lens



Advanced Focus System  
 U.S. PATENT NUMBER: 7,461,960



## SMART LIGHT TECHNOLOGY™



Sometimes you want constant power to your light. Other times you know you'll be out for awhile and you want to conserve energy. Either way Smart Light Technology settings allow you to choose how much power you want to use to operate your light.

Now add to that individualized programs you set quickly and easily with a simple click on the tail switch. There's one for professionals, an easy everyday mode, and one for defense. Each program has unique functions from simple on/off to, "S.O.S." and even a potentially lifesaving "defense strobe." Simple, fast and custom for you. Smart Light Technology is one more way LED Lenser puts the "brains" in "bright."

### Light Functions



#### Morse Code

This function enables you to send individual signal sequences.



#### Boost

If the switch is momentarily pressed, the lamp shines brighter, for a short time, than it does when in continuous operation mode.



#### Power

High light output for any situation.



#### Low Power

Light output is dimmed down to approx. 15%, which also makes for a considerably extended burning life.



#### Dim

Stageless adjustment between 15% and 100% enables you to choose the desired light intensity.



#### Blink

Light pulses are emitted automatically in regular intervals. This function enables you to signal your position, for example.



#### S.O.S.

In case of an emergency, the lamp's S.O.S. function can call help to your side. The signal is visible for several yards, which increases the chance of being rescued.



#### Defense Strobe

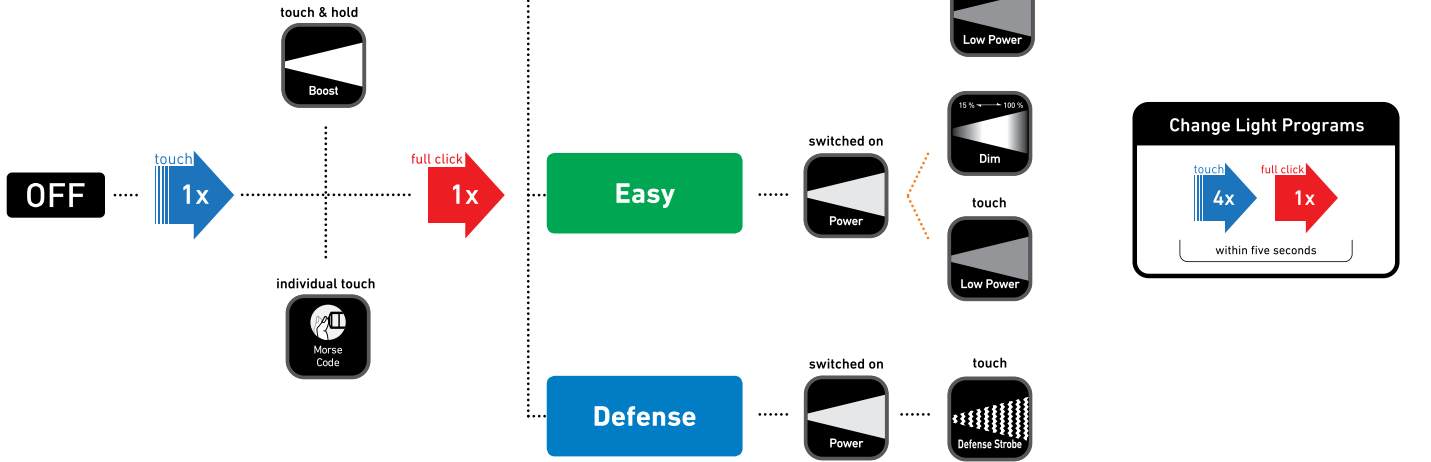
Personal safety was the basic idea behind this function. High-frequency light flashes (strokes) are a quick and effective method of self-defense. In the field of non-lethal weapons, even the U.S. military counts on this technology.



**Advanced SLT Light Programs Light Functions**

**SLT**  
Smart Light Technology

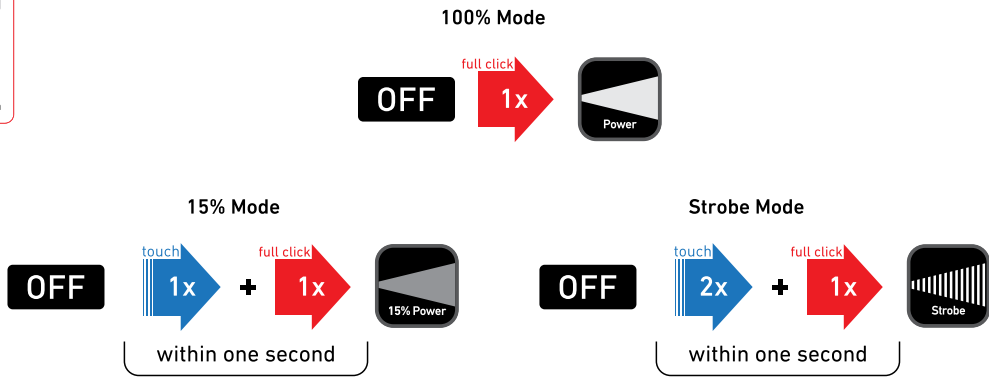
- 2 Energy Modes
  - Energy Saving
  - Constant Current
- 3 Light Programs
  - Professional
  - Easy
  - Defense
- 8 Light Functions



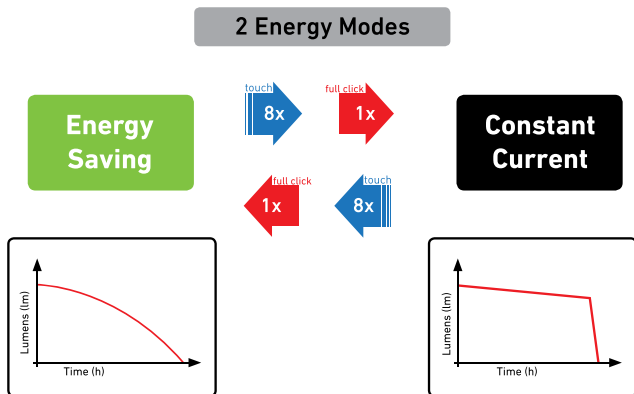
**Basic SLT**

**SLT**  
Smart Light Technology

- 3 Light Functions
  - Power
  - Low Power
  - Defense Strobe
- Smart LED Protection



**Energy modes for Advanced SLT**



Advanced Smart Light Technology™ (SLT) has two distinct Energy modes. You can choose between the **Energy Saving** mode, which optimizes burning life, and the **Constant Current** mode with electronically-controlled, continuous light output.

The **Low Battery Indicator**, another feature of STL, constantly checks the battery charge condition and informs you when its time to replace the batteries.

All Lights are shipped from the factory in the Energy Saving Mode.

# MODULAR SYSTEM DESIGN

With LED Lenser's patented modular system, fewer points of contact overall mean fewer chances for system failure. With many lights on the market, their design does not allow for individual part replacement. This means more materials make their way into landfills as whole light systems are disposed of instead of individual sections as needed. With the LED Lenser modular system design, we can repair or replace sections of your light as needed, making it easier, faster and better for the environment to perform our industry-leading, five-year warranty.





- 2 Energy Modes**
  - Energy Saving
  - Constant Current
- 3 Light Programs**
  - Professional
  - Easy
  - Defense
- 8 Light Functions**

Smart Light Technology™

Battery Cartridge


Easy to exchange.

Water-resistant Tail Cap

Hard Gold-plated Contacts

Corrosion-resistant Thread

**The Reflector/Lens**



Reflector      Lens      Reflector/Lens

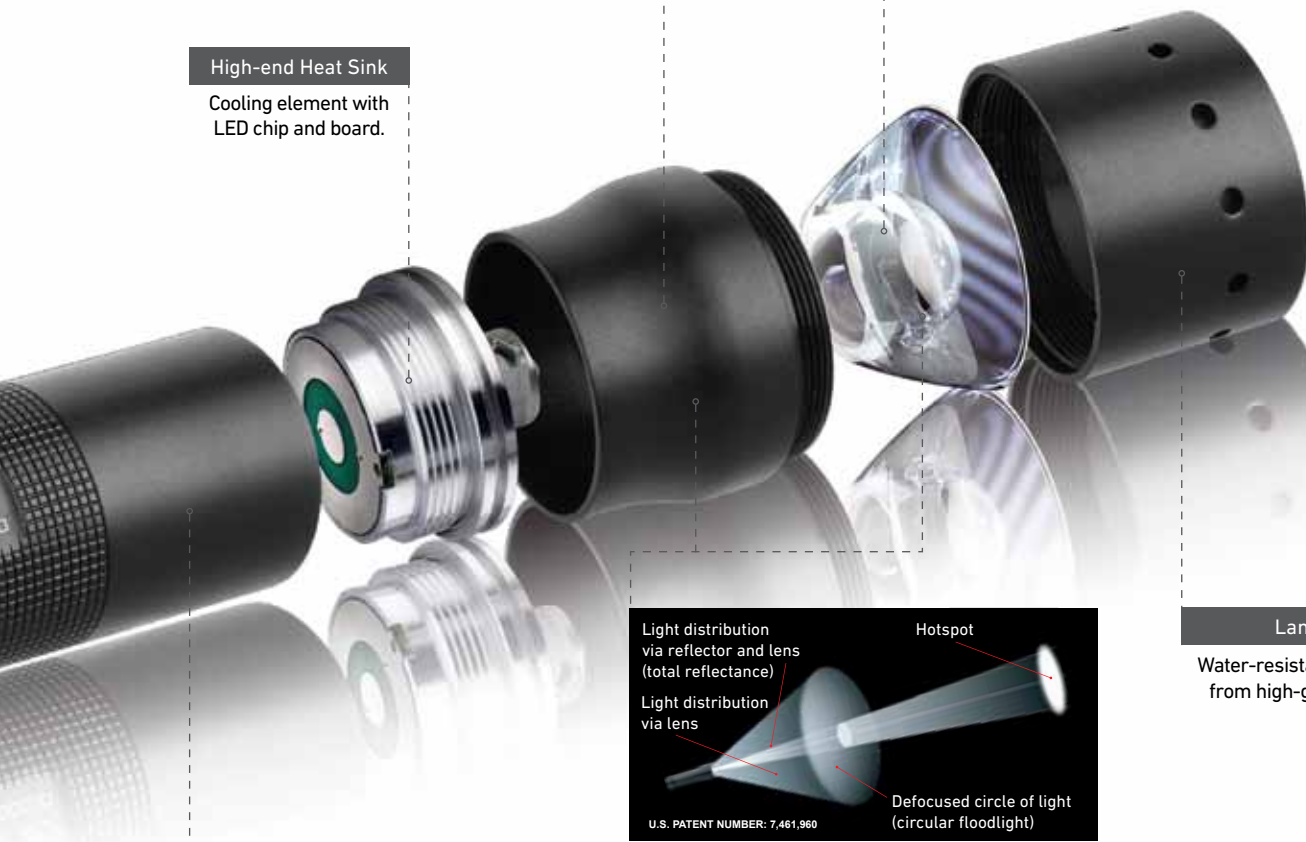
We combined our reflector with a lens and made it focusable.

Reflector/Lens: for stageless transition from low beam to long-distance light (part of the Advanced Focus System)

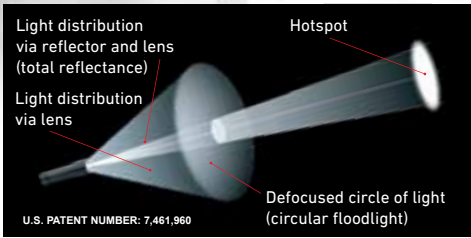
EP Patent 1880139; US Patent 11/662.309

**Focus Lock**  
Lock in your focus position.

**High-end Heat Sink**  
Cooling element with LED chip and board.



**Main Tube**  
Water-resistant housing made from high-grade aluminum.



**Advanced Focus System**  
Rapid Focus™ System

**Lamp Head**  
Water-resistant housing made from high-grade aluminum.



## X-LENS TECHNOLOGY™



An industry first, X-Lens Technology combines multiple LEDs into one seamlessly-projected beam of light. Add to that an optimized heat sink system that enables us to drive our LEDs harder and you to get unprecedented output from common batteries in handheld sizes.

Each LED is projected through our patented Advanced Focus System, the unique lens/reflector combination that concentrates the light by using the strengths of a reflector for long distance and those of a lens for close up. When you put the power of multiple LEDs through this unique concentration process, the output is even greater. Beyond that, you have the ability to take the light from a long-distance spot with power and reach, to an extremely clean, easy-to-read-by, close-up beam and all points in between.

X-Lens Technology is the latest in our long history of industry firsts. And while it certainly won't be our last, it will definitely blaze a bright path as we continue to look for more ways to create new worlds of light.





## RECHARGE OUT OF THIN AIR

Or so it would seem with our unique, Floating Charge System™ (patent-pending). Most recharging systems require fiddling with docking stations for your batteries; seemingly endless cords; and countless times disassembling and assembling the light itself to insert the charged batteries. What if you could simply pop your light up to a magnet and go? Well now you can.

Simply mount the recharging system on the wall and plug it in. When you're ready to recharge your flashlight, just touch the tail switch with magnet to the floating charge magnet and walk away. A green charging light indicator will tell you when you're ready to go again.

If you're traveling, you can simply pop off the top of the charging system and plug it into the USB adapter to charge from your laptop, car, or hotel room USB port. Because both ways of charging use the same top "cap", both have the built-in shortage prevention. A red light will blink and shut the system down, should you misalign the charging system.

Best of all you can store your light in the charging system for as long as you want with no memory effects. It's like a storage and charging system all in one. Perfect for the home, shop, office, car, vacation, and more.





LED LENSER®  FLASHLIGHTS



# LED LENSER® X21R



**NEW!**



LED	High End Power LED
LENGTH	16.2 in   41.2 cm
WEIGHT	50.8 oz   1440 g
BATTERY	4x D Ni-MH
CHARGING TIME	4 hrs

FL1 STANDARD	MAX	MIN
	<b>1600</b> LUMENS	<b>280</b> LUMENS
	<b>600m</b>	<b>250m</b>
	<b>4h 30m</b>	<b>7h</b>
	<b>IPX4</b>	<b>IPX4</b>

With a jaw-dropping 1600 lumens on high and powerful 280 on low this may just be the most powerful handheld LED on the market. But it doesn't stop there. The X21R is also rechargeable, has a 1900-foot beam distance, and boasts a run time of up to seven hours. The Advanced Focus System means this ultra-powerful light can be directed into a far-reaching spot, or a close-up, flood light. With seven LEDs and an efficient heat sink system, the X21R puts most car headlamps to shame.

Advanced SLT Light Functions

- Memory Cycle
- Boost
- Power
- Low Power
- Dim (backlighting)
- Blink
- SOS
- Strobe

Light Programs

- Professional
- Easy
- Defense

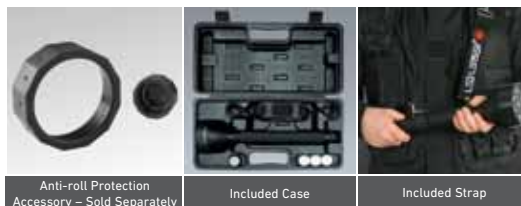
# LED LENSER® X21



LED	High End Power LED
LENGTH	15.55 in   39.5 cm
WEIGHT	52.49 oz   1488 g
BATTERY	4 x D-cell

FL1 STANDARD	MAX	MIN
	<b>1100</b> LUMENS	<b>250</b> LUMENS
	<b>500m</b>	<b>240m</b>
	<b>2h 30m</b>	<b>25h</b>
	<b>IPX4</b>	<b>IPX4</b>

The X21 produces a powerful 1100 lumens of lighting (or stopping) power, from seven ultra-bright, high-performance LEDs. The X21 offers a broad circular beam as well as a sharply-focused searchlight beam that reaches up to 1500 feet. This light is a true feat of engineering and design that you have to hold to appreciate its impressive power and authority.



Anti-roll Protection Accessory – Sold Separately

Included Case

Included Strap



# LED LENSER® P17



LED	High End Power LED
Length	12.42 in   31.6 cm
Weight	28.18 oz   799 g
Battery	3 x D-cell

FL 1 STANDARD	MAX	MIN
	<b>200</b> LUMENS	<b>36</b> LUMENS
	<b>330m</b>	<b>140m</b>
	<b>30h</b>	<b>338h</b>
	<b>IPX4</b>	<b>IPX4</b>

Security officers, firefighters and emergency crews need robust, super-bright flashlights that are not only shock-proof, but also resistant to a wide range of temperatures. The three D-cell batteries required to power the P17 provide energy, and the heavy-duty, superior durability, at a nice, low cost. The Advanced Focus System technology allow the user to choose long range capabilities, or an up-close-reading flood that doesn't tire the eye.

# LED LENSER® X14



**NEW!**

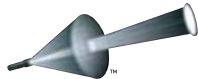
LED	High End Power LED
LENGTH	7.48in   19.0 cm
WEIGHT	14.8 oz   420 g
BATTERY	4 x AA

FL 1 STANDARD	MAX	MIN
	<b>450</b> LUMENS	<b>70</b> LUMENS
	<b>320m</b>	<b>140m</b>
	<b>1h 30m</b>	<b>10h</b>
	<b>IPX4</b>	<b>IPX4</b>

The X14 features our industry-first, X-Lens Technology™—two LEDs focused into one powerful beam. The unique ridged bezel design houses our optimized heat management system that allows us to drive our LEDs harder, producing a powerful 450 lumens on just four AA batteries. The X14 also features the Advanced Focus System with lens/reflector optic for more clean and concentrated light where you need it most. Up close spill or a long-distance beam; the choice is yours.

Advanced SLT Light Functions				Light Programs	
				<b>Professional</b>	
				<b>Easy</b>	
				<b>Defense</b>	

# LED LENSER® M14



Advanced Focus System  
U.S. PATENT NUMBER: 7,441,740



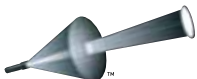
A larger reflector and extremely efficient microprocessor make the M14 one of the brightest and longest-running in our family of award-winning flashlights. Perfect handheld size with one-handed, Rapid Focus™ capabilities, it's the perfect light for the job or home. Change and program light functions with our advanced Smart Light Technology™ programs for the task at hand.

LED	High End Power LED
LENGTH	6.38 in   16.2 cm
WEIGHT	12.84 oz   364 g
BATTERY	4 x AA

FL1 STANDARD	MAX	MIN
	220 LUMENS	30 LUMENS
	280m	110m
	2h	30h
	IPX4	IPX4

Advanced SLT Light Functions				Light Programs	
				Professional	
				Easy	
				Defense	

# LED LENSER® P14



Advanced Focus System  
U.S. PATENT NUMBER: 7,441,740



Our LED Lenser P14 features a 1.5-inch Reflector/Lens that sends an incredibly sharp light beam far into the night. The LED Lenser P14 is powered by four, inexpensive AA batteries and features our patented modular system for quick assembly or maintenance. The Advanced Focus System allows you to easily go between an up-close, reading beam and a powerful long-distance spot. Simply push the bezel out or pull back in for near or far viewing, and all points in-between.

LED	High End Power LED
LENGTH	8.07 in   20.5 cm
WEIGHT	13.53 oz   383.5 g
BATTERY	4 x AA

FL1 STANDARD	MAX	MIN
	185 LUMENS	30 LUMENS
	280m	120m
	4h 30m	65h
	IPX4	IPX4

# LED LENSER® X7R



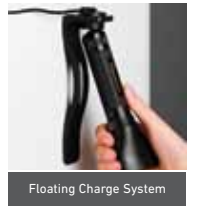
**NEW!**

LED	High End Power LED
LENGTH	7 in   17.8 cm
WEIGHT	8.5 oz   241 g
BATTERY	1 x ICR18650
CHARGING TIME	6.5 hrs

FL 1 STANDARD	MAX	MIN
	<b>500 LUMENS</b>	<b>70 LUMENS</b>
	<b>320m</b>	<b>120m</b>
	<b>1h 30m</b>	<b>7h 30m</b>
	<b>IPX4</b>	<b>IPX4</b>

Advanced SLT Light Functions				Light Programs	
				Professional	
				Easy	
				Defense	

Just like the X14, this unique light features X-Lens Technology™, focusing two LEDs into one powerful, 500-lumen, beam. In addition the X7R uses the Floating Charge System™ for simple recharging at home or on-the-go. With the unique USB connection option the user can charge off a laptop while traveling, or with no battery-memory worries, the light can be hung in the magnetic cradle until it's needed. No messy wires, or separate battery removal and replacing. The X7R also features locking Advanced Focus System technology for a seamless projection of light up close or far away with just a push on the base of the bezel. The bezel locks to keep focus position in place when removing or placing into a holster.



# LED LENSER® M7R



LED	High End Power LED
LENGTH	6.14 in   15.6 cm
WEIGHT	7.27 oz   206 g
BATTERY	1 x ICR18650
CHARGING TIME	5 hrs

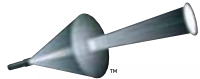
FL 1 STANDARD	MAX	MIN
	<b>220 LUMENS</b>	<b>30 LUMENS</b>
	<b>235m</b>	<b>90m</b>
	<b>2.5h</b>	<b>20h</b>
	<b>IPX4</b>	<b>IPX4</b>

Advanced SLT Light Functions				Light Programs	
				Professional	
				Easy	
				Defense	

Our M7R proves high performance and environmental sustainability are not mutually exclusive. The focus quality, ability to engage Focus Lock, illumination power and optimized ergonomics of the M7R have yet to meet their match. The Floating Charge System™ (included) enables you to store the light in the charging system with a simple magnetic touch and no memory effect. You can also charge off your USB port, or regular wall plug.



# LED LENSER® M7



Advanced Focus System  
U.S. PATENT NUMBER: 7,942,182



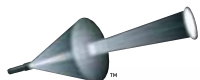
Powered by four AAA batteries, the M7 casts a powerful 750-plus-foot beam. Perfect for professionals who holster their light. The M7 features Focus Lock, our unique bezel-locking system. The microprocessor enables you to select one of two modes: Energy Saving which optimizes your battery life or Constant Current which provides electronically controlled continuous light output. There are eight light functions in total providing everything you'll need.

LED	High End Power LED
LENGTH	5.39 in   13.7 cm
WEIGHT	6.81 oz   193 g
BATTERY	4 x AAA

FL-1 STANDARD	MAX	MIN
	<b>220</b> LUMENS	<b>30</b> LUMENS
	<b>235m</b>	<b>90m</b>
	<b>1h</b>	<b>11h</b>
	<b>IPX4</b>	<b>IPX4</b>

Advanced SLT Light Functions				Light Programs
				<b>Professional</b>
				<b>Easy</b>
				<b>Defense</b>

# LED LENSER® MT7



Advanced Focus System  
U.S. PATENT NUMBER: 7,942,182



The LED Lenser MT7 is a tactical lighting instrument that features a unique, glass-breaking tail. With the MT7 you can choose between electronically-controlled unvarying light intensity, or continuously-decreasing brightness resulting in longer run time. The Focus Lock system keeps the bezel from moving when professionals are holstering and unholstering throughout the day.

LED	High End Power LED
LENGTH	5.2 in   13.2 cm
WEIGHT	6.6 oz   187 g
BATTERY	4 x AAA

FL-1 STANDARD	MAX	MIN
	<b>220</b> LUMENS	<b>30</b> LUMENS
	<b>235m</b>	<b>90m</b>
	<b>1h</b>	<b>11h</b>
	<b>IPX4</b>	<b>IPX4</b>

Advanced SLT Light Functions				Light Programs
				<b>Professional</b>
				<b>Easy</b>
				<b>Defense</b>

## LED LENSER® P7



LED	High End Power LED
LENGTH	5.24 in   13.3 cm
WEIGHT	6.77 oz   192 g
BATTERY	4 x AAA

FL 1 STANDARD	MAX	MIN
	175 LUMENS	27 LUMENS
	210m	90m
	1h	13h
	IPX4	IPX4

The P7 is the most popular LED Lenser model on the market today. This light features the perfect balance of design, functionality, and size. Quick one-handed focusing, a powerful 175 lumens, and beam distance of up to 630 feet. All of this and a dynamic switch that offers three easy-to-operate levels of brightness make the P7 the perfect choice for work, home, or adventure.

## LED LENSER® P6



LED	High End Power LED
LENGTH	6.6 in   16.7 cm
WEIGHT	4.3 oz   122 g
BATTERY	2 x AA

FL 1 STANDARD	
	120 LUMENS
	145m
	7h
	IPX4

Slim, innovative and easy to use. When engineering this light, our aim was to enable you to focus its beam with only one hand. The LED Lenser P6 is powered with two AA batteries and is surprisingly lightweight. Ultra-white light, slim design and a powerful 120 lumens, makes the P6 a great light for someone who carries their light at all times.

# LED LENSER® T7



The T7 features the LED Lenser Dynamic Switch™ and the Advance Focus System; two ideas that go hand-in-hand. Dynamic Switch allows the user to move between high, low and a unique “boost” without having to make full clicks. Instead a quick half-depression of the tail switch takes you between settings.

LED	High End Power LED
LENGTH	5.37 in   13.7 cm
WEIGHT	6.98 oz   198 g
BATTERY	4 x AAA

FL 1 STANDARD	MAX	MIN
	<b>175</b> LUMENS	<b>27</b> LUMENS
	<b>210m</b>	<b>90m</b>
	<b>1h</b>	<b>13h</b>
	<b>IPX4</b>	<b>IPX4</b>

# LED LENSER® L7



We wanted to create a flashlight that could withstand extreme temperatures and the harsh elements of the outdoors, but it also had to be ultra-bright and compact. The result is the LED Lenser L7. The L7 features the Advanced Focus System and its shock-resistant, polycarbonate housing means it's not only lightweight, but also shatter and temperature-resistant.

LED	High End Power LED
LENGTH	5.24 in   13.3 cm
WEIGHT	5.01 oz   142 g
BATTERY	3 x AAA

FL 1 STANDARD	
	<b>100</b> LUMENS
	<b>225m</b>
	<b>6h</b>
	<b>IPX4</b>

## LED LENSER® TAC TORCH™



LED	High End Power LED
LENGTH	5.10 in   12.9 cm
WEIGHT	5.22 oz   148 g
BATTERY	3 x AAA

FL 1 STANDARD	
	<b>100</b> LUMENS
	<b>220m</b>
	<b>4h 30m</b>
	<b>IPX4</b>

The LED Lenser Tac Torch is used on a daily basis by law enforcement, firefighters and special operation forces all over the world. The light generated by its high-performance chip is adjusted via the Turning Focus System and its water-resistant housing, made from impact-resistant aluminum, was designed for heavy duty work. The Tac Torch is truly dependable in the harshest conditions.

## LED LENSER® D14

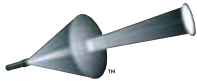


LED	High End Power LED
LENGTH	6.3 in   16 cm
WEIGHT	7.76 oz   220 g
BATTERY	4 x AA

FL 1 STANDARD	
	<b>135</b> LUMENS
	<b>180m</b>
	<b>4h</b>
	<b>IPX8</b>

Professional divers know that underwater, refraction rules out long ranges. Because of its axial collimator, the LED Lenser D14 retains amazing focus strength even at long ranges. Thanks to its newly-developed cooling system, unlike many other diving lights, the D14 can also be operated on land. Its beam distance when out of water is 590 feet and it is suitable for dives down to 197 ft / 7 bar. Special magnetic parts allow for switch activation without mechanical parts, that could corrode over time.

# LED LENSER® M5



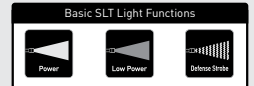
Advanced Focus System  
U.S. PATENT NUMBER: 7,641,160



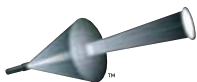
The M5 is one of the most economical lights. It operates on just one standard AA battery and provides many hours of ultra-bright light (100 lumens). Thanks to its microprocessor-operated Smart Light Technology™, there are multiple functions for all your needs.

LED	High End Power LED
LENGTH	4.09 in   10.4 cm
WEIGHT	2.61 oz   74 g
BATTERY	1 x AA

FLY STANDARD	MAX	MIN
	<b>100</b> LUMENS	<b>18</b> LUMENS
	<b>110m</b>	<b>50m</b>
	<b>3h</b>	<b>4h 30m</b>
	<b>IPX4</b>	<b>IPX4</b>



# LED LENSER® M1



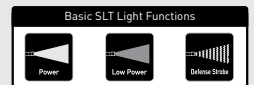
Advanced Focus System  
U.S. PATENT NUMBER: 7,641,160



This small but mighty M1 is the one model in this series that calls for CR123 batteries. Not only do CR123 batteries have an extremely long shelf-life (10+ years) and maintain high voltage for plenty of power, they also work well in extremely cold temperatures where standard batteries can drain quickly. The M1 makes a great light for those extreme adventures where lightweight and powerful, with the means to take on the elements, is necessary.

LED	High End Power LED
LENGTH	3.82 in   9.7 cm
WEIGHT	2.75 oz   78 g
BATTERY	1 x CR123 (3V)

FLY STANDARD	MAX	MIN
	<b>150</b> LUMENS	<b>27</b> LUMENS
	<b>150m</b>	<b>65m</b>
	<b>3h</b>	<b>5h 30m</b>
	<b>IPX4</b>	<b>IPX4</b>





# LED LENSER® P5R



LED	High End Power LED
LENGTH	4.63 in   11.75 cm
WEIGHT	2.82 oz   80 g
BATTERY	1 x ICR 14500
CHARGING TIME	3.5 hrs

FL 1 STANDARD	MAX	MIN
	<b>200</b> LUMENS	<b>15</b> LUMENS
	<b>190m</b>	<b>50m</b>
	<b>3h</b>	<b>7h</b>
	<b>IPX4</b>	<b>IPX4</b>



The P5R uses our Floating Charge System™ to recharge on the go. The system can be used with a USB port or a standard wall plug. The P5R has a light output of up to 200 lumens and can be recharged up to 1000 times (using one lithium ion battery) making it not only powerful, but economical as well. Ounce for ounce it's one of the most powerful LED lights on the market.

*Note: Only LED Lenser brand batteries can be used with this light.*



# LED LENSER® P5



LED	High End Power LED
LENGTH	4.45 in   11.3 cm
WEIGHT	2.96 oz   84 g
BATTERY	1 x AA

FL 1 STANDARD	MODE 1
	<b>95</b> LUMENS
	<b>130m</b>
	<b>2h</b>
	<b>IPX4</b>

The LED Lenser P5 is small, lightweight and saves energy, but at the same time produces an amazing 90+ lumens of light. Even more amazing, it operates on only one AA battery. With each nanosecond, the built-in DC/DC converter is pumping energy through the high-performance LED. The P5 also features the Advanced Focus System for quick, one-handed focusing for close-up, or long-distance viewing.

## LED LENSER® P4



The LED Lenser P4 is great for engineers and technicians. It can be clipped to a shirt or workwear quickly. It also weighs so little that you'll hardly notice it. The P4 is powered by two standard AAA batteries.

LED	High End LED
LENGTH	5.51 in   14 cm
WEIGHT	2.12 oz   60 g
BATTERY	2 x AAA

FL 1 STANDARD	
	18 LUMENS
	27m
	2h
	IPX4

## LED LENSER® V<sup>2</sup>



The lightweight and ergonomic housing of the V<sup>2</sup> model is only the beginning. This powerful light is only 3.6 ounces but it can produce an amazing 104 lumen fixed-beam, for a distance of 740 feet.

LED	High End LED
LENGTH	4.57 in   11.6 cm
WEIGHT	3.6 oz   102 g
BATTERY	3 x AAA

FL 1 STANDARD	
	95 LUMENS
	180m
	4h
	IPX4

## LED LENSER® V<sup>2</sup> DUAL COLOR



Designed specifically for law enforcement, the V<sup>2</sup> Dual-Color had a red LED setting to preserve night vision. Each light mode has a unique switch textured for recognition by touch only. This reduces the chance of accidentally turning on the wrong setting. Lightweight, powerful and very versatile.

LED	High End LED
LENGTH	3.94 in   10 cm
WEIGHT	3.17 oz   90 g
BATTERY	3 x AAA

FL 1 STANDARD	
	100 LUMENS
	42m
	3h 30m
	IPX4

## LED LENSER® P3AP

**NEW!**

Is it even possible? Less than two ounces and 75 brilliant lumens? Yes and yes. This little keychain light runs on only one AAA battery and is just over three inches. With focusing options for long-distance, up-close and all points in between, this little powerhouse may just be the final word in compact lighting.

## LED LENSER® P3



The P3 is small and lightweight, with a handy clip. And just like the P2, requires only one AAA battery for hours of light. In addition to these features, the P3 has the Rapid Focus™ System which allows you to focus with just one-hand.

## LED LENSER® K3



Weighing a mere 1.2 ounces and measuring less than three-inches in length, this light may be small, but don't let the size fool you. The K3 features the Blue Moon™ Focus System, which casts a mellow blue circle around a homogenous light cone. Perfect for walking to and from the car, home or office at night.

LED	High End LED
LENGTH	3.66 in   9.45 cm
WEIGHT	1.48 oz   42 g
BATTERY	1 x AAA

FL1 STANDARD	
	<b>75</b> LUMENS
	<b>120m</b>
	<b>1h</b>
	<b>IPX4</b>

LED	High End LED
LENGTH	3.72 in   9.45 cm
WEIGHT	1.48 oz   42 g
BATTERY	1 x AAA

FL1 STANDARD	
	<b>14</b> LUMENS
	<b>31m</b>
	<b>6h 30m</b>
	<b>IPX4</b>

LED	High End LED
LENGTH	2.68 in   6.8 cm
WEIGHT	1.2 oz   34 g
BATTERY	4 x AG13 (1.5V)

FL1 STANDARD	
	<b>14</b> LUMENS
	<b>33m</b>
	<b>1h 18m</b>
	<b>IPX4</b>

## LED LENSER® P2



The P2 is the perfect solution for a small, clip-able, powerful light. It weighs just over one ounce and features the Blue Moon™ Focus System lighting for excellent definition of the reading area. The twist-focus bezel makes for a streamlined body that fits perfectly in a shirt or coverall pocket. The only thing we spared on this light was weight.

LED	High End LED
LENGTH	3.78 in   9.6 cm
WEIGHT	1.34 oz   38 g
BATTERY	1 x AAA

FL 1 STANDARD	
	13 LUMENS
	23m
	6h 30m
	IPX4

## LED LENSER® AUTOMOTIVE



The high-end LED of the Automotive provides excellent light and the crystal lens casts a circular, shadow-free beam. This small marvel comes with memory-effect-free, exchangeable storage batteries and automatic charger. Simply connect the charger to the cigarette lighter of your car and recharge up to 1,000 times.

LED	High End LED
LENGTH	1.89 in   4.8 cm
WEIGHT	1.69 oz   48 g
BATTERY	4 x 20H
CHARGING TIME	5 hrs

FL 1 STANDARD	
	12 LUMENS
	13m
	30m
	IPX4





## THREE LIGHTS + ONE EYE-CATCHING DISPLAY = TONS OF SALES

For the first time, we have bundled our three handiest keychain models all into one colorful display. The K1, K2 and K1-L, each with its own, unique packaging, are featured in this fun and easy to place counter-top display.

Makes for great impulse buy placement, or holiday gifting. Small, bright and perfectly priced, these three models are sure to fly off shelves.



A nighttime photograph of a bridge railing. The railing consists of vertical metal bars supported by concrete pillars. In the background, a city skyline is visible with numerous lights, including yellow and red lights, against a dark sky. The overall scene is dimly lit, with the primary light sources being the distant city lights and the ambient light reflecting off the railing.

LED LENSER® HEADLAMPS



# LED LENSER® H14R



Advanced Focus System  
U.S. PATENT NUMBER: 7,847,142



The LED Lenser H14R is a rechargeable headlamp with outstanding light quality that can also be operated with standard batteries. Its universal fastener facilitates flexible mounting. The light and battery pack can be taken off and clipped to clothing.



Rechargeable

Mounting Bracket

LED	High End Power LED
WEIGHT	11.57 oz   328 g
BATTERY	4 x AA Ni-mh (1.2v)
CHARGING TIME	4.5 hrs

FLY STANDARD	MAX	MIN
	220 LUMENS	30 LUMENS
	210m	100m
	2h	30h
	IPX4	IPX4

Advanced SLT Light Functions				Light Programs
				Professional
				Easy
				Defense

# LED LENSER® H14



Advanced Focus System  
U.S. PATENT NUMBER: 7,847,142



The H14 is an innovative headlamp with astonishing luminosity. The beam is both focusable and swivelling. A universal fastener (included) makes for a wide range of applications and fastening possibilities. The third strap on the headlamp makes for extra stability when moving around.



Mounting Bracket

(Only included in box packaging)

LED	High End Power LED
WEIGHT	12.28 oz   348 g
BATTERY	4 x AA

FLY STANDARD	MAX	MIN
	220 LUMENS	30 LUMENS
	210m	100m
	2h	20h
	IPX4	IPX4

Advanced SLT Light Functions				Light Programs
				Professional
				Easy
				Defense



## LED LENSER® H7R



LED	High End Power LED
WEIGHT	4.23 oz   120 g
BATTERY	3 x AAA Ni-Mh (1.2V)
CHARGING TIME	4.5 hrs

FL 1 STANDARD	MAX	MIN
	155 LUMENS	2.7 LUMENS
	180m	20m
	2h	50h
	IPX4	IPX4



The LED Lenser H7R has all the great power and function of the H7, with the added benefit of being rechargeable. If you don't think you'll be near your charger you can also operate this comfortable-to-wear headlamp with three AAA batteries. Powerful, comfortable, economical and flexible. Everything a headlamp should be and then some.

## LED LENSER® H7



LED	High End Power LED
WEIGHT	4.13 oz   117 g
BATTERY	3 x AAA

FL 1 STANDARD	MAX	MIN
	155 LUMENS	2.7 LUMENS
	180m	20m
	4h 30m	63h
	IPX4	IPX4



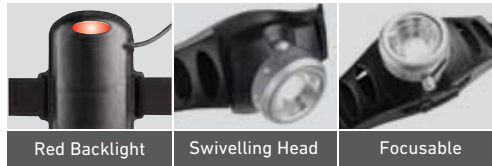
(includes pouch, batteries, carrying strap or clip, depending on model)

The pros are thrilled. With the H7, they get the lightweight, easy-to-wear feeling of the H5 but with six-times the lumens. The Advanced Focus System adjusts for either long-distance light or a circular low beam, making outdoor activities more comfortable and safer. The light's stageless dimming function and swivelling light design are very handy.

## LED LENSER® H5



The LED Lenser H5 features special optics that not only focus the light to form a super-bright, long-distance beam, but they also generate an easy-to-read-by, circular low beam. Lightweight, with a soft headband, means wearing it for long periods of time is still comfortable and a red backlight makes it ideal for joggers.



LED	High End Power LED
WEIGHT	4.09 oz   116 g
BATTERY	3 x AAA

FL1 STANDARD	
	23 LUMENS
	75m
	10h
	IPX4

## LED LENSER® H4



This small headlamp is a master of metamorphosis. By simply stowing it in the included case, the H4 turns into a handy flashlight. Thanks to the clip, you can also attach it to your belt and swivel it to any position that suits you. Whether you use the H4 as a headlamp or wear it on your belt, you'll always have both hands free. The H4's lightweight construction makes it perfect for joggers.



LED	High End LED
WEIGHT	3 oz   85 g
BATTERY	3 x AAA

FL1 STANDARD	
	40 LUMENS
	20m
	12h
	IPX4

# PRODUCT COMPARISON

	Advanced Focus System	Blue Moon™ Focus System	Smart Light Technology™	X-Lens Technology™	Floating Charge System™	Rapid Focus™	Rechargeable	Water Resistant	AA Batteries	AAA Batteries	CR123 Batteries	MAX Run Time 5+ hrs	MAX Lumens 200+
X21R	■		■	■		■	■	IPX4				■	■
X21	■			■		■		IPX4				■	■
P17	■					■		IPX4				■	■
X14	■		■	■		■		IPX4	■			■	■
M14	■		■			■		IPX4	■			■	■
P14	■					■		IPX4	■			■	
X7R	■		■	■	■	■	■	IPX4				■	■
M7R	■		■		■	■	■	IPX4				■	■
M7	■		■			■		IPX4		■		■	■
MT7	■		■			■		IPX4		■		■	■
P7	■					■		IPX4		■		■	
P6	■					■		IPX4	■			■	
T7	■					■		IPX4		■		■	
L7	■							IPX4		■		■	
Tac Torch™	■							IPX4		■		■	
D14								IPX8	■			■	
M5	■		■			■		IPX4	■			■	
M1	■		■			■		IPX4			■	■	
P5R	■		■		■	■	■	IPX4				■	■
P5	■					■		IPX4	■				
P4								IPX4		■			
V²								IPX4		■			
V² Dual Color								IPX4		■			
P3AP	■					■		IPX4		■			
P3		■				■		IPX4		■		■	
K3						■		IPX4					
P2								IPX4		■		■	
Automotive							■	IPX4					
H14R	■		■				■	IPX4	■			■	■
H14	■		■					IPX4	■			■	■
H7R	■						■	IPX4		■		■	
H7	■							IPX4		■		■	
H5	■							IPX4		■		■	
H4								IPX4		■		■	

HANDHELD

HEADLAMP



LED LENSER®  ACCESSORIES

## INTELLIGENT CLIP™

Thanks to the Intelligent Clip, you can quickly attach the flashlight to your belt or pocket. The clip can rotate 360° and allows you to always have hands-free lighting. The Intelligent Clip is available in 5 standard sizes.



AVAILABLE FOR:

P17	P7
X14	T7
M14	L7
P14	Tac Torch™
X7R	P6
M7R	V²
M7	M5
MT7	P5R
	P5

## MAGNETIC MOUNTING

The Magnetic Mounting System is a handy accessory for the Intelligent Clip. This small module quickly attaches to the clip, giving you even greater flexibility to position your light in multiple applications.



Mount in-use

AVAILABLE FOR:

Intelligent Clip

## ROLL PROTECTION

Roll Protection is an indispensable accessory for professionals. Easy to attach, it prevents the light from rolling away on uneven surfaces. It also protects the bezel and end cap against scratches and abrasion.



AVAILABLE FOR:

X21R  
X21  
M7R  
M7  
MT7  
P7  
T7  
L7

## TRIPOD FASTENER

Do you have a tripod and want to attach your X21, X21R or P17 to it? Then this attachment is just what you're looking for. It fits lights with a shaft diameter of approx. 1.5" and is suitable for use with tripods with a standard tread size.



Fastener in-use

AVAILABLE FOR:

X21R  
X21

## SIGNAL CONE

Simply put our signal cap over your flashlight, and you have a highly visible emergency signal at your disposal. For police officers, air traffic controllers and security personnel.



AVAILABLE FOR:

X14	P7
M14	T7
P14	L7
M7R	Tac Torch™
M7	D14
MT7	

## AVAILABLE FOR:

M14	L7
P14	Tac Torch™
M7R	P6
M7	V <sup>2</sup>
MT7	M5
P7	P5R
T7	P5

## AVAILABLE FOR:

M7R  
M7  
MT7  
P7  
T7  
L7

## AVAILABLE FOR:

M14 L7  
P14 H14R  
M7R H14  
M7  
MT7  
P7  
T7

## AVAILABLE FOR:

T7  
P7

## AVAILABLE FOR:

M7R  
P5R  
H7R

## SHEATHS

All sheaths are made from Cordura® polyamide and come with a Velcro® enclosure. With the fastener, the belt loop can be adjusted to fit the width of your belt.



## INTELLIGENT FILTER SHEATH™

This sheath holds the entire filter set. Also allows you to use light with filters while attached to your belt.



## FILTER SET

A great combination lens protector and color filter. Simply place the filter on the front of the bezel to quickly get different light colors and secure your light from rolling away.



## REMOTE SWITCH™

The Remote Switch is ideal if you have to switch on your light without sound and from short distance. Simply replace the end cap with the Remote Switch to operate. Works on P7 or T7 that fit a standard 30 mm optic ring for placement on a firearm.



## CAR CHARGER

The car charger with USB port fits into any cigarette lighter and gives you charging capabilities on the go.



## BATTERIES

The following rechargeable batteries are available for the different flashlight and headlamp models:

Li-ion ICR14500 (P5R)

Li-ion ICR18650 (M7R and X7R)

Pack of 3 AAA Ni-MH (H7R)

Pack of 4 AA Ni-MH (H14R)



AVAILABLE FOR:  
X7R  
M7R  
P5R  
H14R  
H7R

## FLOATING CHARGE SYSTEM

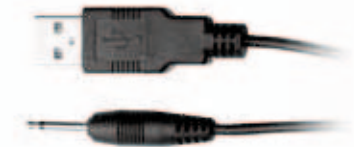
See page 12 for full details.



AVAILABLE FOR:  
X7R  
M7R  
P5R

## USB CHARGER FOR H7R

It's always handy to have an extra charging cord. This USB cord is intended for use with the H7R.



AVAILABLE FOR:  
H7R

## WALL PLUG CHARGER FOR H14R

Keep an extra charging system on hand for your H14R. Have one in the house and one in the garage or work. This charging system includes all the cables and wall plug needed to charge the H14R headlamp.



AVAILABLE FOR:  
H14R

## POWER SUPPLY

Lost your wall charging portion of the Floating Charge System™? This wall-power half of the system is great to keep on hand for an extra, or to move the system from place to place.



AVAILABLE FOR:  
M7R  
P5R  
H7R



# NEMA/ANSI FL 1 STANDARDS

## How does LED Lenser USA measure and report its lighting specifications?

LED Lenser USA uses ANSI/FL-1 standards as published by the National Electrical Manufacturers Association (NEMA).

This Standards Publication covers the basic performance of hand-held/portable flashlights, spotlights, and headlamps providing directional lighting. The Standards Publication was developed by the Flashlight Standards Committee (at the time of publication it was made up of 14 members all recognized as leaders in the lighting and battery industry). To date, this is the only industry-wide, agreed-upon standard of measurement.

LED Lenser USA tests its lights and headlamps according to ANSI testing requirements. Testing in compliance with these standards ensures the consumer consistent evaluation specifications when comparing LED Lenser lights with other ANSI/FL-1 standard-tested lights. For more information on testing procedures and requirements visit [www.nema.org](http://www.nema.org).



The definitions and symbols used to represent these definitions, of technical specifications listed in this catalog are as follows:



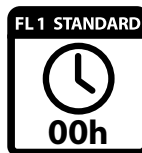
### Light Output/Lumens

Light Output is the total luminous flux. It is the total quantity of emitted overall light energy as measured by integrating the entire angular output of the portable light source. Light output in this standard is expressed in units of lumens.



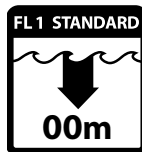
### Beam Distance

Beam Distance is defined as the distance from the device at which the light beam is 0.25 lux (0.25 lux is approximately the equivalent of the light emitted from the full moon on a "clear night in an open field").



### Run Time

Run Time is defined as the duration of time from the initial light output value-defined as 30 seconds after the point the device is first turned on using fresh batteries, until the light output reaches 10% of the initial value.



### Water Resistance

**Water Resistant/IPX4** is defined as, water can be splashed against the device from any direction shall have no harmful effects. **Waterproof/IPX7** is defined as an ingress of water in quantities causing harmful effects shall not be possible when the enclosure is temporarily immersed in water under standardized conditions of pressure and time. **Submersible/IPX8** is defined as an ingress of water in quantities causing harmful effects shall not be possible when the enclosure is continuously immersed in water under conditions which shall be stated by the manufacturer, but which are more severe than for IPX7.

# LED LENSER® WARRANTY

We take extraordinary measures so your LED Lenser® product will give you many years of dependable service. If it doesn't, we will gladly repair or replace it, at our discretion, with one of equal or greater value under our **five-year warranty**. Besides fixing your documented problem, we will ship your product back to you at our expense using a trackable shipping service.

For full warranty details and exclusions, or to obtain the required warranty repair form, please visit [www.ledlenser.com](http://www.ledlenser.com) and click on the "Warranty" tab. For international warranty information visit [www.ledlenser.com](http://www.ledlenser.com).

## **LED Lenser USA**

ATTN: Warranty

12106 NE Ainsworth Circle

Portland, OR 97220

Phone Local: (503) 408-5301

Phone Toll Free: (800) 650-1245







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