

**ANNOUNCING THE MAGLITE® LED
FLASHLIGHT LINE FOR 2017, FEATURING-**

**THE BRIGHTEST,
FARTHEST-REACHING
LIGHT WE'VE EVER INTRODUCED.**

**MAGLITE® ML150LR™
LED RECHARGEABLE FLASHLIGHT SYSTEM**



***Awesome Power in a
Mid-Size Format***

**ULTRA
BRIGHT**
1,000
LUMENS*

**ULTRA
BEAM DISTANCE**
450
METERS*

* Estimated. Final ANSI test results pending.

MAGLITE®

A WINNING FORMULA
STATE-OF-THE-ART COMPONENTS + DESIGN INNOVATIONS
= BREAKTHROUGH PERFORMANCE

Our first 1,000-lumen flashlight did not happen by accident. As white-light power LED technology has improved, Mag Instrument R&D has been paying attention. With latest-generation LEDs, it’s possible to produce more light with lower power consumption than could have been imagined even a short while ago. But new ultra-bright LEDs also brought new challenges: They generate lots of heat; and if an LED overheats, its efficiency plummets. As its temperature rises, the LED demands more and more power to make less and less light. Heat management, therefore, is a critical challenge, one that holds the key to unlock the full light-producing potential of the newest, brightest LEDs. Mag Instrument has met that challenge by developing an innovative heat-sinking technology. The ML150LR™ is the first flashlight to employ that recently-patented technology, which is exclusive to Mag Instrument.

So it is no coincidence that the ML150LR™ is also Mag Instrument’s first thousand-lumen flashlight – despite its modest weight and dimensions. Its C-cell-size format puts it squarely in the “Mid-Size” category.

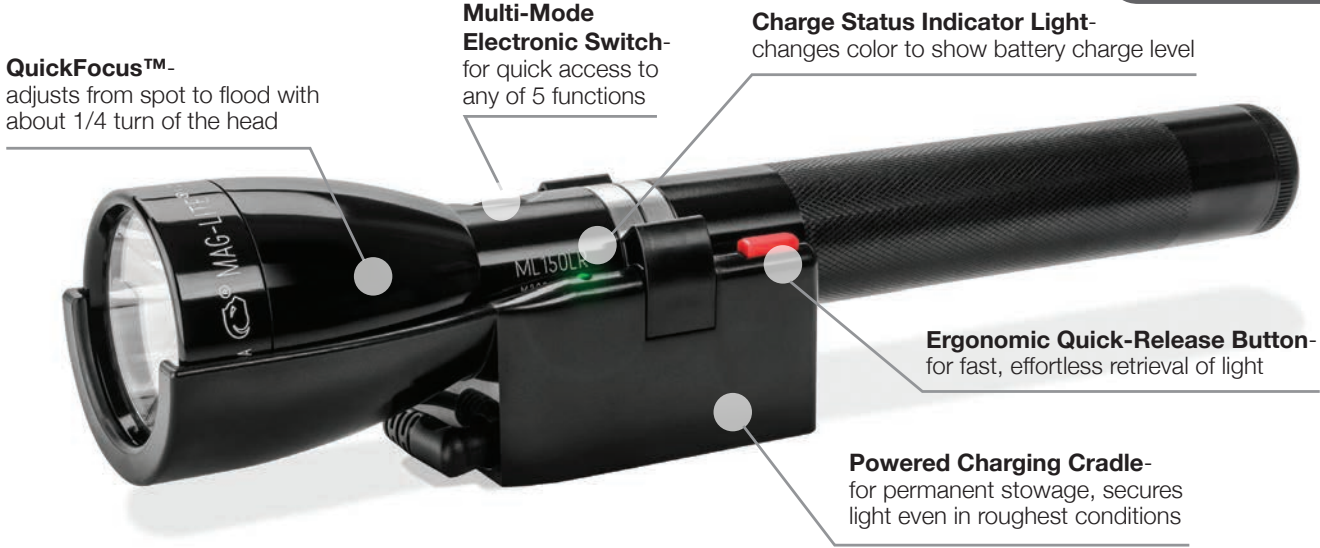
The ML150LR™ is also Mag’s first mid-size flashlight to use Lithium Iron Phosphate (LiFePO₄) rechargeable battery chemistry, which affords greater safety than older rechargeable chemistries and allows faster recharging (about 2.5 hours from “dead” to “full”).

Not that there should be much reason for the battery ever to deplete entirely. The ML150LR™ flashlight is designed for permanent stowage in its powered charging cradle, which automatically controls charge rate and cannot overcharge the battery. The cradle can be powered either by the 12- volt DC electrical system of a vehicle or by 120-volt AC household current. So the flashlight can be charged and ready for action at all times. The improved charging cradle has enough clamping force that the flashlight will not fall out, even if mounted upside down in a vehicle traveling over a bumpy road, and yet the new, ergonomically friendly quick-release button allows fast, effortless retrieval.

The charging cradle can be hard-wired into a vehicle’s 12-volt DC electrical system, or powered through a cigarette-lighter adapter, or, with the supplied converter, can be connected to 120-volt AC current.



The cradle, mountable on any flat surface, has enough clamping force to secure the flashlight even when mounted upside down in a moving vehicle on a rough road.



Flashlight Features

- New, patented heat-sink technology for improved light output and power management
- Our highest-ever light output (1,000 lumens) and longest-ever beam distance (450 meters)*
- Three power settings – High (1,000 lumens); Low (120 lumens); Eco (20 lumens)*
- Five available functions – the 3 power settings plus Strobe (12 Hz) and Momentary
- Long run times (4 hr @ High, 30 hr @ Low, 75 hr @ Eco power setting)*
- IPX4 water resistant*
- Fast-handling mid-size format
- Easy, intuitive QuickClik® user interface
- Customizable for quickest access to each user’s preferred functions

Rechargeable Battery Features

- Lithium Iron Phosphate (LiFePO₄) chemistry for improved safety and performance
- Long service life – rated for up to 1,000 charge/discharge cycles

Charging Cradle Features

- Fast charging – about 2.5 hr from “dead” state
- For permanent flashlight stowage – can’t overcharge battery
- Charge status indicator light
- High clamping force secures light even in rough conditions
- Improved quick-release button
- Supplied with AC and DC adapters
- Mountable in any position, even upside-down

High-Reliability Electronic Switch With QuickClik® User Interface

The QuickClik® user interface, already familiar to anyone who knows our product line, is what gives the ML150LR™ flashlight its extreme versatility. It enables each user to custom-configure the flashlight to optimize ease of access to the functions he or she needs most. Five separate functions are available – High Power, Low Power, Eco Mode®, Strobe (12 Hz) and Momentary (“Dead-Man Switch”) mode. These are organized into four different function sets – General, Outdoor, Law Enforcement and Military. So, for example, if a user selects the “General” function set, three of the five functions are accessible: High Power (with one click), Low Power (two clicks), and Eco Mode® (three clicks). If a user invokes the “Law Enforcement” function set, a different set of three functions, in a different order, becomes accessible: Momentary (with one click), Full Power (two clicks), and Eco Mode® (three clicks). In the “Outdoor” and “Military” function sets, the Strobe function is one of the accessible functions.

The following chart summarizes the function sets, and the functions that are accessible within each set:

Function Set	1 GENERAL (Default)	2 OUTDOOR	3 LAW ENFORCEMENT	4 TACTICAL
1 CLICKS	Full Power	Full Power	Momentary	Momentary
2 CLICKS	Low Power	Low Power	Full Power	Full Power
3 CLICKS	Eco	Strobe	Eco	Strobe

The default function set, programmed at the factory, is “General.” So if a user is satisfied with three functions (High, Low and Eco, in that order), then he or she need never reconfigure the flashlight and may simply use it in its “straight-out-of-the-box” configuration.

Specs at a glance

Type	Mid-Size Rechargeable	Length	10.687 in. / 271.45 mm
Lumens (High)	1000 lm*	Run Time, High/Low/Eco	4h */ 30h */ 75h*
Beam Distance	450 m*	Rechargeable	Yes
Battery	(LiFePO ₄) Included	Quick Recharge Time	approx. 2.5 hr.*
Weight With Batteries	15.5 oz. / 439 g	120 Volt Charger	Yes
Water-Resistant (IPX4)	Yes	12 Volt Charger	Yes
Technology	LED	Color	Black

*All performance figures are estimates. Final testing, under the ANSI FL-1 Flashlight Basic Performance Standard (2009), is pending.

MAG-TAC® Rechargeable System

COMPACT



An advanced lighting tool powered by a high capacity Lithium Iron Phosphate (LiFePO₄) rechargeable battery engineered for long service life with a 2.5 hr. charge time. Along with superior build quality and performance, this crowned-bezel version of the MAG-TAC® LED rechargeable flashlight comes with a detachable pocket clip and a USB powered mountable charging base. The charging base can be powered by the included 12V adapter or 120V converter, or by any other charging source that complies with the USB 2.0 Standard. Also, 4 Functions selectable through Mag Instrument's tail cap-switch-activated "QuickClik®" mode selector. Momentary, Full Power - 543 Lumens (Crowned) 533 Lumens (Plain) @ 2.5 hr. runtime, Power Save - 112 Lumens @ 4 hr. 15 min. runtime, Strobe.

- Aggressive Knurled Design
- Stealth Matte Finish
- Pocket Clip with Para Cord Hole



Mag Charger® LED Rechargeable System

FULL SIZE



With the familiar "QuickClik®" system users can, within the "General" function set, choose Full Power (643 Lumens); Low Power (148 Lumens); or Eco Mode® - Featuring improved recharging efficiency and a super power saving mode that yields up to 66 lumens with greatly extended run-time. There are three additional function sets Outdoor; Law Enforcement; and Military each offering a different set of functions invoked in a different sequence, for quickest access to the functions the particular user prefers. The IMPROVED, faster-handling "Quick Focus™" system now adjusts from spot to flood with about a ¼ turn of the head.

The Benefits of a Rechargeable Flashlight



Why You Should Consider MAGLITE® Rechargeable Flashlights.

MAGLITE® rechargeable flashlights come in a variety of sizes – from the law-enforcement favorite MAG CHARGER® (now with an ultra-bright LED) to the mid-size ML125™, to the compact but powerful MAG-TAC® rechargeable

They come with a variety of battery chemistries – from the tried-and-true Nickel Metal Hydride (NiMH) battery of the MAG CHARGER® to the new, high-energy-density and fast charging (2.5 hr) Lithium Iron Phosphate (LiFePO₄) chemistry of the MAG-TAC® rechargeable, to the dual-power option of the ML125™, operable either with a rechargeable NiMH battery or a set of 3 C-cell alkalines.

MAGLITE® rechargeable flashlights can be charged just about anywhere: They'll work with standard (230 or 120 volt AC) power or via the 12-volt DC systems in motor vehicles and boats; and the MAG-TAC® rechargeable can be charged from any other charging source that complies with the USB 2.0 Standard

MAGLITE® rechargeable flashlights offer a variety of user-selectable functions including multiple brightness settings, momentary on-off, and in some cases strobe and SOS functions.

All MAGLITE® rechargeable flashlights feature Mag Instrument's legendary functional smoothness, fit and finish, Lifetime Tough® durability, and beam-focusing simply by twisting the head.

What is reliability worth? All MAGLITE® rechargeable flashlights can be stowed right in their surface-mountable charging cradles, so in an emergency they're always charged and always ready. No more reaching for a flashlight to find that the batteries are dead.
























For heavy users, MAGLITE® rechargeable flashlights soon pay for themselves via the time and money saved by not having to go through the many, many sets of non-rechargeable batteries they'd otherwise use up over the typical (up to 1,000 cycles) life of a rechargeable battery.

And the environment will thank you — Think of all those dead alkalines you won't be putting into landfills.

A U.S.A. Manufacturer, Mag Instrument isn't about to move its flashlight-making operations offshore. We plan to stay right here – the better to back up the great lights we've been designing and building in America since 1979.

Legendary MAGLITE® reliability, performance and style, backed by our limited lifetime warranty.

LED Flashlights

											
	Solitaire® LED 1-cell AAA	Mini Maglite® LED 2-cell AAA	Mini Maglite® LED 2-cell AA	Mini Maglite® PRO® 2-cell AA	Mini Maglite® PRO+® 2-cell AA	XL50® 3-cell AAA	XL200® 3-cell AAA	MAG-TAC® Crowned 2-cell CR123	MAG-TAC® Plain 2-cell CR123	MAG-TAC® Rechargeable Crowned	MAG-TAC® Rechargeable Plain
Type	Compact	Compact	Compact	Compact	Compact	Compact	Compact	Tactical	Tactical	Rechargeable	Rechargeable
Beam 	61m	116m	145m	163m	150m	224m	138m	193m	182m	181m	178m
Lumens  LUMENS	47	111	97 / 23	272	281 / 25	200 / 34	172 / 24	320	310 / 57	543 / 112	533 / 114
Run Time  HIGH LOW ECO	1h45min	2h45min	11h 32h	2h30min	2h30min 25h	6h45min 25h	2h30min 218h	4h	4h 17h	2h30min 4h5min	2h30min 4h
Water Resistant 	Yes-IPX7	Yes-IPX7	Yes-IPX4	Yes-IPX4	Yes-IPX4	Yes-IPX4	Yes-IPX4	Yes-IPX4	Yes-IPX4	Yes-IPX4	Yes-IPX4
Drop Resistance 	2m	2m	1m	1m	1m	1m	1m	2m	2m	2m	2m
Technology	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED
Length	3.187 in. 81mm	5 in. 127mm	6.607 in. 167.8mm	6.607 in. 167.8mm	6.607 in. 167.8mm	4.8 in. 121.92mm	4.8 in. 121.92mm	5.275 in. 133.98mm	5.203 in. 133.98mm	5.80 in. 147.57mm	5.70 in. 147.57mm
Barrel Diameter	.5 in. 12.70mm	.5 in. 12.70mm	.709 in. 18mm	.709 in. 18mm	.709 in. 18mm	1 in. 25.4mm	1 in. 25.4mm	1.05 in. 26.67mm	1.05 in. 26.67mm	1.05 in. 26.67mm	1.05 in. 26.67mm
Head Diameter	.5 in. 12.70mm	.75 in. 19mm	1 in. 25.4mm	1 in. 25.4mm	1 in. 25.4mm	1 in. 25.4mm	1 in. 25.4mm	1.05 in. 26.67mm	1.05 in. 26.67mm	1.05 in. 26.67mm	1.05 in. 26.67mm
Batteries	AAA Alkaline	AAA Alkaline	AA Alkaline	AA Alkaline	AA Alkaline	AAA Alkaline	AAA Alkaline	CR123	CR123	LiFePO4	LiFePO4
Weight with Batteries	.800 oz.	1.730 oz.	4.150 oz.	4.150 oz.	4.150 oz.	3.68 oz.	3.68 oz.	4.8 oz.	4.8 oz.	5.5 oz.	5.5 oz.
Rechargeable 										✓	✓
Activity Based Function Set 											
Electronic Switch 						✓	✓	✓	✓	✓	✓
Multi-Mode 			✓		✓	✓	✓	✓	✓	✓	✓
Hands-Free Candle Mode 	✓	✓	✓	✓	✓						
ECO Mode® 											
NTOA 						✓	✓	✓	✓	✓	✓

**Rechargeable**
Engineered to withstand up to a thousand charge/discharge cycles.

**QuickClick® Electronic Switch**
Utilizes the fast and easy “QuickClick®” method of choosing a functional mode.












**Hands-Free Candle Mode**
Free standing candle mode, for convenient, hands-free light whenever you need it!

**Activity Based Function Sets**
Choose from a variety of functional mode sets.

**Multi-Mode**
Choose from a variety of functional modes.

**ECO Mode®**
An ultra-low-power-drain mode that, thanks to excellent flashlight optics, still provides useful light while greatly extending run time.

**National Tactical Officers Association**
Product has achieved “Recommended” status under the NTOA’s Member Tested & Recommended Program.

													
MAG CHARGER® Rechargeable	Maglite® 2-cell D LED	Maglite® 3-cell D LED	ML300L™ 2-cell D	ML300L™ 3-cell D	ML300LX™ 2-cell D	ML300LX™ 3-cell D	ML25LT™ 2-cell C	ML25LT™ 3-cell C	ML50L™ 2-cell C	ML50L™ 3-cell C	ML50LX™ 2-cell C	ML50LX™ 3-cell C	ML125® 3-cell C
Rechargeable	Full Size	Full Size	Full Size	Full Size	Full Size	Full Size	Mid Size	Mid Size	Mid Size	Mid Size	Mid Size	Mid Size	Rechargeable
407m	412m	412m	366m	406m	366m	406m	319m	309m	299m	339m	299m	339m	258m
643 148 66	168	168	524 143 58	625 130 58	524 143 58	625 130 58	177	173	490 113 23	611 105 20	490 113 23	611 105 20	186
4h	6h45min	80h	6h30min	16h	6h30min	16h	2h	18h	15h	16h	15h	16h	8h30min
17h			20h	77h	20h	77h			29h	42h	29h	42h	
37h			69h	117h	69h	117h			112h	153h	112h	153h	
Yes-IPX4	Yes-IPX4	Yes-IPX4	Yes-IPX4	Yes-IPX4	Yes-IPX4	Yes-IPX4	Yes-IPX4	Yes-IPX4	Yes-IPX4	Yes-IPX4	Yes-IPX4	Yes-IPX4	Yes-IPX4
1m	1m	1m	1m	1m	1m	1m	1m	1m	1m	1m	1m	1m	1m
LED	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED
12.812 in. 325.42mm	10 in. 254mm	12.344 in. 313mm	9.125 in. 231.77mm	11.75 in. 298.45mm	9.125 in. 231.77mm	11.75 in. 298.45mm	6.632 in. 168.45mm	8.6 in. 218.44mm	8.184 in. 207.87mm	10.154 in. 257.912mm	8.184 in. 207.87mm	10.154 in. 257.912mm	11.104 in. 282.042mm
1.5 in. 38.1mm	1.562 in. 39.67mm	1.562 in. 39.67mm	1.55 in. 38.1mm	1.55 in. 38.1mm	1.55 in. 38.1mm	1.55 in. 38.1mm	1.2 in. 30.48mm	1.2 in. 30.48mm	1.2 in. 30.48mm	1.2 in. 30.48mm	1.2 in. 30.48mm	1.2 in. 30.48mm	1.199 in. 30.455mm
2.25 in. 57.15mm	2.25 in. 57.15mm	2.25 in. 57.15mm	2.25 in. 57.15mm	2.25 in. 57.15mm	2.25 in. 57.15mm	2.25 in. 57.15mm	1.7 in. 43.18mm	1.7 in. 43.18mm	1.977 in. 50.22mm	1.977 in. 50.22mm	1.977 in. 50.22mm	1.977 in. 50.22mm	1.977 in. 50.216mm
NiMH	D Alkaline	D Alkaline	D Alkaline	D Alkaline	D Alkaline	D Alkaline	C Alkaline	C Alkaline	C Alkaline	C Alkaline	C Alkaline	C Alkaline	NiMH or C Alkaline
28 oz.	23 oz.	30 oz.	20 oz.	26.4 oz.	20 oz.	26.4 oz.	11.2 oz.	14.4 oz.	12.72 oz.	16 oz.	12.72 oz.	16 oz.	18.4 oz.
✓													✓
✓			✓	✓	✓	✓			✓	✓	✓	✓	
✓			✓	✓	✓	✓			✓	✓	✓	✓	✓
							✓	✓					
✓			✓	✓	✓	✓			✓	✓	✓	✓	
✓			✓	✓	✓	✓							

* Performance figures are estimates, final ANSI test results are pending. Under Mag Instrument's Continuous Product Improvement strategy, we do make in-line changes to existing products that can impact performance. The ANSI test results shown here are current as this flyer goes to press. Consult product packaging/labeling for any updated performance figures.



ONE MAN'S ABIDING COMMITMENT

Every flashlight made by Mag Instrument, Inc., represents one man's abiding commitment to product quality, and to the cause of keeping flashlight-industry manufacturing jobs in America. A champion of free enterprise and U.S.-based manufacturing, Anthony Maglica is the president of Mag Instrument, Inc. and the creator of the MAGLITE® flashlight, now an icon of classic American design. Armed with only his talent, his determination and his reverence for hard work, Tony Maglica set out in pursuit of the American Dream when he founded Mag Instrument in 1955. When he went on to design and manufacture a product that revolutionized an industry, he realized that dream in full. In his ongoing pursuit of innovative technology, quality products, design and the customer service to back them up, Mr. Maglica has found a strategy that not only creates worldwide demand for his own company's products, but can also, he believes, help other American companies to build worldwide demand for their products while preserving American manufacturing jobs.

A flashlight for all your needs.



Go to maglite.com and join the **MAGLITENATION**

MAGLITE®



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