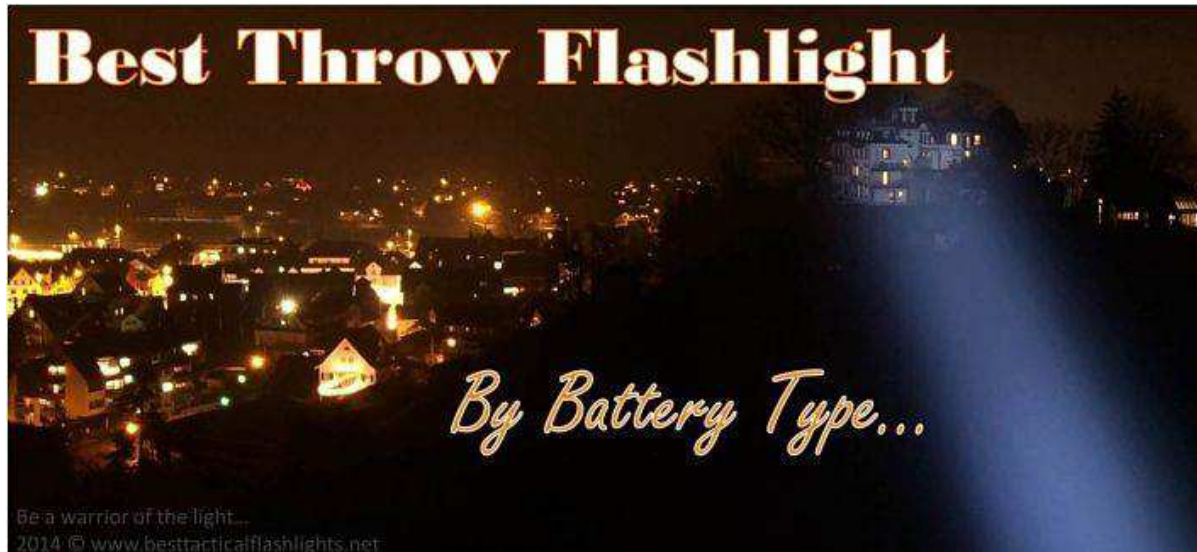


What Is The Best Throw Flashlight?

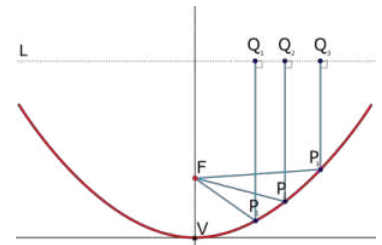


What is a Long Throw Flashlight, or Thrower?

If you are looking for a long range flashlight there are two terms that are always used to describe the beam pattern that a flashlight gives off, they are flood and throw. Our focus here is to find the best throw flashlight for sale, specifically those that only use reflectors, but first we need to learn about what flood and throw are. There is a constant fight of Flood vs. Throw. We will cover flood and throw here but, for more information on the basics of flashlights check out our [flashlight buyers guide](#).

A flood flashlight or some say that it is floody is a flashlight that does not focus the beam but lights up the area around the flashlight. The extreme example of a floody light would be a standard lightbulb in a home, its goal is to light up the entire room with a little bit of light and not shine light in a specific direction.

A Thrower is a flashlight that can shoot a beam a long distance but does not necessarily light up all of the area close to the flashlight, an extreme example would be a spotlight. These flashlights are created by using a few different methods but the goal is to get as many rays of light traveling parallel to the flashlight as possible. The most common way to make a long throw flashlight is by using a [parabolic reflector](#), if the LED is at the perfect spot (called the focus) all of the light that hits the parabola will reflect off and travel parallel to or in the same direction that you are pointing the flashlight, check out the graphic. Other methods to increase the throw of a flashlight involve aspheric lenses and TIR optics but our focus here will be reflector based long distance flashlights.



How to determine the longest throw flashlight?







The most common way that people determine the throw of flashlights is by going outside and pointing the flashlight at something they know the distance of. Typically it is a tree or a building so many feet or meters away. Then they compare the spotlight to other flashlights that they have, this is a very simple and easy way to figure out the flashlight with the longest throw out of your collection.

The industry standard is called [beam distance](#), the number that many companies report on their packaging in a [ANSI FL1 chart](#). This measurement tells the distance when the beam intensity reaches 0.25 [lux](#) or about the same amount of light a full moon on a clear night. The small problem with this measurement is that if something was a kilometer away you would not be able to see it even under a full moon. Using these test we will try to figure out what the best throw flashlight is, but remember the longest throw flashlight is not necessarily the best long throw flashlight.



When looking for the best led thrower we will also be looking at build quality, brand reputation, and other features. In the comparison chart we only have the main competitors for the best throw flashlight overall. But, we will review and give some suggestions further down below for the top long distance flashlight by different battery types.

Top 10 Long Throw Flashlight Comparison Guide

Flashlight	Throw	Max Lumen	Low Lumen	Battery Life (Max)	Battery Life (Low)	Battery	LED Bulb	Length	Bezel Dia.	Weight	Price	Rating	Strobe
Olight M3X Triton 	600	1200	300	1.33 hr.	5hr.	3 x CR123A	XM-L2	8.3 In.	2.48 In.	9.38 Oz. w/o Bat.	\$\$\$	4.8	Y
Armytek Barracuda 	700	1390	30	1.5 hr.	60 hr.	4 x CR123A	XM-L2	10.43 In.	2.51 In.	14.03 Oz. w/o Bat.	\$\$\$\$	-	N
Olight SR52 Intimidator 	583	1200	40	4 hr.	40 hr.	3 x 18650	XM-L2	6.3 In.	2.5 In.	14.3 Oz. w/o Bat.	\$\$\$	4.9	Y
ThruNite TN32 	979	1702	0.6	1.5 hr.	1920	3 x 18650	XM-L2	7.94 In.	3.11 In.	22.9 Oz. w/o Bat.	\$\$\$\$	4.9	Y
Olight SR95S-UT 	1000	1250	150	3 hr.	48 hr.	Battery Pack	SBT-70	12.8 In.	3.54 In.	43.33 Oz. with Bat.	\$\$\$\$ \$\$\$\$ \$	4.9	Y
Nitecore TM36 	1100	1800	50	1.75 hr	67 hr.	Battery Pack	SBT-70	10.94 In.	3.54 In.	47.41 Oz. with Bat.	\$\$\$\$ \$\$\$\$ \$\$\$\$ \$	-	Y
Eagletac MX25L4 Turbo 	901	1585	10	1.5 hr.	200 hr.	4 x 18650	SBT-70	7.87 In.	3.6 In.	26.1 Oz. w/o Bat.	\$\$\$\$ \$\$\$\$ \$	-	Y
Eagletac MX25L2 SST90 	479	2210	16	1.3 hr.	200 hr.	Battery Pack	SST-90	10.5 In.	2.4 In.	25.7 Oz. with Bat.	\$\$\$\$ \$\$\$	-	Y
Fenix TK61 	824	1000	15	4.3 hr.	300 hr.	4 x 18650	XM-L2	8.5 In.	3.8 In.	21.2 Oz. w/o Bat.	\$\$\$\$	-	Y
Sunwayman T40CS 	535	845	20	2 hr.	60 hr.	4 x CR123A	XM-L	8.85 In.	2.5 In.	9.62 Oz. w/o Bat.	\$\$\$	4.9	Y

Best Thrower Flashlight By Battery

Best AAA/10440 Thrower

The benefits of a flashlight that runs on [AAA batteries](#) is that you will be able to find the batteries anywhere and they are super small. There are not many manufacturers that recommend the use of [10440 batteries](#) in their AAA flashlights since the voltage is so much higher. A standard AAA battery is 1.5 Volts where a 10440 li-ion battery is 3.6 Volts. This bump in power if the flashlight can handle it will make the Lumen output considerably higher but it will also get very hot quickly. Before you chose to put a 10440 battery in your AAA flashlight do a little research on what other have experienced so you do not blow out your circuitry and LED, I would check [candlepowerforums](#).

If you are also looking to buy some batteries you need to decide if you want to go with rechargeable AAA or primary (not rechargeable) AAA batteries. If you want to get rechargeable we highly recommend the [Eneloop AAA Ni-MH](#). If you are going to get good rechargeable batteries you also need a good charger. Our favorite for [Ni-MH batteries](#) is the [La Crosse BC-700](#) because it is very high quality, easy to use, can charge both AA and AAA, and at a decent price point. If you want something that is a little bit more budget friendly just make sure that the charger charges each battery independently and not in pairs. If you want to go the primary cell route or maybe you just want to have have some backups we like the [Energizer L92 Lithium batteries](#). Remember that [lithium primary cells and Li-ion rechargeable](#) cells are two completely different types of batteries. The Energizer L92 batteries are better than alkaline batteries in every way except cost. They have a higher power output while still in a safe range, they last longer, and they have a longer shelf life.

Best Single AAA Thrower: [Thrunite Ti3](#)



The AAA/10440 category of flashlight is pretty crowded and in other articles we have mentioned which [AAA torches](#) are our favorites for everyday use but, here we are talking about throw. From our research the best throw flashlight in this category is the [Thrunite Ti3](#). The Thrunite Ti3 does not accept the 10440 batteries but due to its design it still puts out more lumens and throw than others that take 10440 li-ions. In independent tests this tiny keychain flashlight has shown to have a beam distance of over 60 meters, that is more than half of a football field from a flashlight that is about as big as your index finger. This tiny high intensity long throw flashlight gets its power from the [Cree XP-G2 R5](#) which is a great LED for this size of a flashlight. It comes with 3 brightness modes firefly, low, high, and then strobe.

- Weight: 0.42 oz (without battery)
- Dimensions: 2.75 inches long and 0.55 inch diameter
- Lowest Setting: 0.04 Lumens for 115 hours
- Highest Setting: 120 Lumens for 30 minutes
- Beam Distance: 60+ meters
- Cost: \$
- Cost Per Meter: About \$0.29 cents

[Buy Now or Read More Reviews on Amazon.com](#)

Best 2 x AAA Thrower: [Eagletac PN20a2](#)



In the 2xAAA flashlight world the longest throw flashlight is the [Eagletac PN20a2](#). These AAA flashlight are super thin and since one of the key elements of throw has to do with the size of the reflector they can only do so much. With that said this little penlight has a beam distance of over 70 meters. It comes with the Cree XP-G2 S2 LED and has a forward clicky switch so it has momentary on which many people like. There are two brightness levels on this light, low and turbo. In our [top penlight article](#) we gave this flashlight the honor of the best tactical penlight.

- Weight: 1.1 oz (without battery)
- Dimensions: 5.3 inches long and 0.65 inch diameter
- Lowest Setting: 28 Lumens for 6 hours
- Highest Setting: 127 Lumens for 1 hour
- Beam Distance: 70+ meters
- Cost: \$\$
- Cost Per Meter: About \$0.57 cents

[Buy Now or Read More Reviews on Amazon.com](#)

Best AA/14500 Thrower

Just like with the AAA size flashlights there is a Li-ion option that will fit inside of the flashlight. These 14500 batteries run on a much higher voltage and can easily burn out a driver or an LED if the flashlight can not handle it. Before you decide to run 14500 batteries in your flashlight you should do extensive research about your particular flashlight and the results that others have had. As far as AA batteries our recommendations here are pretty much the same as they were with the AAA flashlights. We really like the [Eneloop AA Ni-MH batteries](#) paired with the [La Crosse BC-700 charger](#). And if you want to go the primary battery (non-rechargeable) route, maybe just to have some spares lying around, we really like the [Energizer L91 AA Lithium Batteries](#) as they are [better than alkaline](#) batteries in every way.

Best Budget Single AA Thrower: [Nitecore MT1A](#)



For the frugal buyer, the best thrower flashlight that uses a single AA size battery is the Nitecore MT1A. This is not the last time that [Nitecore](#) is going to show up on this list. Nitecore is making some fantastic flashlights with great throw, quality, and price. The Nitecore MT1A is able to throw its beam over 100 meters, more than a football field. It uses a [Cree XP-G R5 LED](#), has a great anti-roll design, and intelligent memory functions. This flashlight has four brightness levels low, medium, high, and turbo the brightest there is also a strobe function. This is a serious flashlight at a great price, small size, and high lumens.

- Weight: 1.94 oz (without battery)
- Dimensions: 4.1 inches long and 0.92 inch diameter
- Lowest Setting: 5 Lumens for 60 hours
- Highest Setting: 140 Lumens for 1 hour and 30 minutes
- Beam Distance: 100+ meters
- Cost: \$
- Cost Per Meter: About \$0.29 cents

[Buy Now or Read More Reviews on Amazon.com](#)

Best Single AA Thrower: [Thrunite Neutron 2A V2](#)



The longest throwing flashlight that only uses a single AA battery is the Thrunite Neutron A2 V2. This is a fantastic flashlight that is very efficient, it beats most of the other single AA flashlights in our test by over 20 meters. Also this is one of the best thrower flashlights in the 2xAA segment as well, it is not mentioned because it is not the winner but it is close. This great light also comes packaged with the extender tube, it is not extra. Using a [Cree XM-L2 U2](#) this flashlight is sending its beam 130+ meters. There are five different brightness levels, firefly, low, middle, high, and turbo.

- Weight: 2.57 oz (without battery)
- Dimensions: 5.76 inches long and 1 inch diameter
- Lowest Setting: 0.04 Lumens for 792 hours
- Highest Setting: 480 Lumens for 1 hour and 20 minutes
- Beam Distance: 130+ meters
- Cost: \$\$
- Cost Per Meter: About \$0.40 cents

[Buy Now or Read More Reviews on Amazon.com](#)

Best Budget 2 x AA Thrower: [Nitecore MT2A](#)



Another Nitecore flashlight fills the budget spot for a long throw led flashlight with 2 x AA. This is the big brother of the MT1A and pretty much works exactly the same. The only difference is that since it has two batteries it has more power which translates into more throwing ability. Equipped with the XP-G R5 this torch will throw over 140 meters. It has four brightness levels, strobe and a memory function to help you get to the brightness that you want faster. As with many of the Nitecore flashlights this is a great value flashlight, not the farthest throwing in this category and size but probably one of the best values.

- Weight: 2.36 oz (without battery)
- Dimensions: 6.1 inches long and 0.92 inch diameter
- Lowest Setting: 15 Lumens for 50 hours
- Highest Setting: 280 Lumens for 2 hour and 15 minutes
- Beam Distance: 140+ meters
- Cost: \$
- Cost Per Meter: About \$0.22 cents

[Buy Now or Read More Reviews on Amazon.com](#)

Best 2 x AA Thrower: [Foursevens QB2A Turbo](#)



The [Foursevens](#) Quark series of lights is a very popular series of lights and for good reason. They are high quality and perform very well. Their Quark Turbo series takes the popular quark models and puts larger heads with deeper reflectors to turn a “normal” flashlight into the best throw flashlight in this class. The Foursevens QB2A Turbo uses the same user interface (UI) as the Quark tactical models. It has five brightness settings, strobe, SOS, and

beacon. The Cree XP-G2 in this light shoots a beam over 180 meters to almost two whole football fields.

- Weight: 3 oz (without battery)
- Dimensions: 6.2 inches long and 1.2 inch diameter
- Lowest Setting: 0.2 Lumens for 30 days
- Highest Setting: 246 Lumens for 1 hour and 20 minutes
- Beam Distance: 180+ meters
- Cost: \$\$
- Cost Per Meter: About \$0.34 cents

[Buy Now or Read More Reviews on Amazon.com](#)

Honorable Mention 2 x AA Thrower: [Nitecore MT21A](#)



This flashlight deserves to be mentioned because if its [candela](#) and throw claims are true it is both the longest throw led flashlight with two AA batteries and the best budget option. I was not able to confirm these numbers by an independent test but Nitecore does not usually skew their numbers much. Basically Nitecore took the earlier mentioned MT2A and put a larger reflector in and changed the XP-G LED to a [XP-E2 R2 LED](#). Nitecore claims that this light can throw up to 200 meters which would make it the dominating winner in both budget and throw. This light still has the same four brightness levels and strobe as the MT2A, give or take a few lumens since it has a different LED. If the values are true this is a great value if you are looking for a small handheld long range flashlight.

- Weight: 2.4 oz (without battery)
- Dimensions: 6.1 inches long and 1 inch diameter
- Lowest Setting: 15 Lumens for 50 hours
- Highest Setting: 260 Lumens for 2 hours
- Beam Distance: 200 meters
- Cost: \$
- Cost Per Meter: About \$0.17 cents

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Best 3 x AA Throwing: Eagletac GX25A3



Not many flashlights are designed to work with 3 AA batteries so this is a slim selection, but none the less this is a great flashlight. The Eagletac GX25A3 uses the Cree XM-L2 U2 LED and 3xAA to throw its beam over 330 meters. It is amazing that with 50% more power and a nice large reflector head we can out shoot the best 2xAA torch by 83%. This flashlight has many different options. You can set it into Regular or Tactical modes. Regular mode has three brightness levels low, medium, high with hidden strobe, flash, SOS, beacon. Tactical mode is high, low, and strobe and then the other hidden modes. There are more options on this flashlight, check out their website for more specifics. This is the first flashlight on the list that incorporates a large head for throwing, something that would

be too large to fit in most pockets.

- Weight: 5.2 oz (without battery)
- Dimensions: 4.3 inches long and 1.5 inch diameter
- Lowest Setting: 9 Lumens for 100 hours
- Highest Setting: 915 Lumens for 1.3 hours
- Beam Distance: 330+ meters
- Cost: \$\$\$
- Cost Per Meter: About \$0.28 cents

[Buy Now or Read More Reviews on Amazon.com](#)

Best Budget 4 x AA Throwing: Nitecore EA4



Here is Nitecore again making a great budget long distance flashlight. The Nitecore EA4 is a great little flashlight that is probably just pushing the pocket size. It uses the Cree XM-L2 T6 LED that allows this flashlight to have a beam distance of 290+ meters. This throws less than the Eagletac GX25A3 with 3xAA but it is only half the price. This is one of the smallest and brightest 4xAA flashlights on the market at an incredible value. It has 5 brightness modes, strobe, SOS, and a beacon function. A great option and at \$0.18 per meter it makes this light one of the best values on this list in cost per meter.

- Weight: 5.6 oz (without battery)
- Dimensions: 4.6 inches long and 1.65 inch diameter
- Lowest Setting: 72 Lumens for 22 hours
- Highest Setting: 960 Lumens for 1.75 hours
- Beam Distance: 290+ meters
- Cost: \$\$
- Cost Per Meter: About \$0.18 cents

[Buy Now or Read More Reviews on Amazon.com](#)

Best 4 x AA Throwing: JETBeam SRA40



The best long throw flashlight powered by 4xAA is the JETBeam SRA40. This fantastic flashlight comes with a intelligent charging port to use if you are using rechargeable batteries so it eliminates the need for a separate charger. JETBeam flashlights are very well made lights that are high quality. This particular light uses the XM-L2 LED and has a beam distance of 370+ meters. This flashlight comes with a power indicator and dual switches to make it easy to use. This light also has a really cool feature that we do not see much, [a screw hole on the tail that fits standard sized](#) camera tripods and and spike that you can purchase separately. This light has 3 brightness modes, strobe, and SOS.

- Weight: 8.64 oz (without battery)
- Dimensions: 4.92 inches long and 1.89 inch diameter
- Lowest Setting: 20 Lumens for 45 hours
- Highest Setting: 960 Lumens for 2 hours
- Beam Distance: 370+ meters
- Cost: \$\$\$
- Cost Per Meter: About \$0.27 cents

[Buy Now or Read More Reviews on Amazon.com](#)

Best CR123A Thrower

These flashlights are made to run at a higher voltage so the lithium and Li-ion compatibility is not as much of a problem. The CR123A batteries are lithium batteries while the 18650 battery is Li-ion. The 18650 battery is about double the size of the CR123A battery so any of the flashlights that take an even number of CR123A batteries will more than likely be able to handle a 18650 battery. When we are looking at CR123A batteries we try and stay away from any of the brands that end in “fire” and we find that the U.S.A. manufacturers are usually slightly better overall. We usually go for the [Streamlight CR123A batteries](#) as they are both made in the U.S. and they are from a [flashlight manufacturer with a great reputation](#). For 18650 Li-ion batteries we have found that as long as the battery is built around the Panasonic NCR18650B 3400 mAh industrial core it is of pretty high quality. You could just buy the [Panasonic NCR18650B unprotected batteries](#) and save a little money but we prefer those that use this as its core but add a protective circuit and a button top like the [Orbtronic 3400 mAh protected top button batteries](#). Now that you have the rechargeable Li-ion batteries you need the charger, and our favorite at the moment is the [Xtar VP2 Li-ion battery charger](#). The Xtar VP2 is a great charger at a great price, it even has a USB connection so you can use it as a battery pack to charge other devices.

Best Budget Single CR123A Thrower: [JETBeam BC10](#)



Moving into the flashlights that are designed to work at a higher voltage, we will start with single CR123A batteries. These are super small lights, and are very easy to use as [EDC flashlights](#). The JETBeam BC10 is our budget choice for this class of light. The JETBeam BC10 uses the XP-G R5 LED to project its beam 100+ meters. As with other JETBeam lights the BC10 is a high quality light. The BC10 has two brightness levels and nothing else. Some people really like the simplicity of this while others wish that they had strobe and SOS function. The two brightness

levels are switched between by just rotating the head, very simple and intuitive.

- Weight: 1.65 oz (without battery)
 - Dimensions: 3.54 inches long and 0.9 inch diameter
 - Lowest Setting: 30 Lumens for 18 hours
 - Highest Setting: 270 Lumens for 1 hour 15 minutes
 - Beam Distance: 100+ meters
 - Cost: \$
 - Cost Per Meter: About \$0.32 cents
- [Buy Now or Read More Reviews on Amazon.com](#)

Best Single CR123A Thrower: [Nitecore EC1](#)



The best led thrower in the single CR123A category is the Nitecore EC1. Nitecore clearly dominates this list so far. The Nitecore E series offers some neat features like momentary on, momentary strobe, momentary SOS, and an added red light to preserve night vision. The two switches make it so you can access a large assortment of modes while still being pretty intuitive. The EC1 uses the XP-G2 R5 and manages to shoot its high powered beam 140+ meters, this seems to be due to the fact that it has the largest reflector of any of the single CR123A lights. This flashlight has five brightness levels along with strobe and SOS. The highest Lumen mode is a turbo mode which means that it automatically steps down after some time.

- Weight: 1.5 oz (without battery)
 - Dimensions: 2.56 inches long and 1 inch diameter
 - Lowest Setting: 5 Lumens for 70 hours
 - Highest Setting: 240 Lumens for 1 hour 20 minutes, turbo 330 Lumens
 - Beam Distance: 140+ meters
 - Cost: \$\$
 - Cost Per Meter: About \$0.33 cents
- [Buy Now or Read More Reviews on Amazon.com](#)

Best Budget 2 x CR123A/ 1 x 18650 Thrower: [Olight M22](#)



Now we are getting in to the 2xCR123A or single 18650 battery category, this is the start of real power for size. With these flashlights we get a lot in throw capabilities while still being very portable. At this size manufacturers are starting to put extra large reflectors on flashlights that are designed to throw so we lose some pocketability due to reflector size. Without an oversized reflector great flashlights like the Nitecore P12 lose over 100+ meters to the winners of this category. The [Olight M22](#) Warrior is our budget option in this category of long range flashlights. Using the Cree XM-L2 it casts its beam 300+ meters. Coming with three brightness levels and a strobe option this is a great throw flashlight for the money. An honorable mention for budget light is also the [Eagletac S200c2](#) which is both cheaper and

according to the manufacturer throws farther than the Olight M22. We could not come up with an independent confirmation of the throw of the Eagletac S200c2 but if it is near the manufacturer numbers it would definitely be the budget winner.

- Weight: 5.15 oz (without battery)
- Dimensions: 5.7 inches long and 1.61 inch diameter
- Lowest Setting: 20 Lumens for 70 hours
- Highest Setting: 960 Lumens for 1 hour
- Beam Distance: 300+ meters
- Cost: \$\$\$
- Cost Per Meter: About \$0.27 cents

[Buy Now or Read More Reviews on Amazon.com](#)

Best 2 x CR123A/ 1 x 18650 Thrower: [Armytek Predator 2.5](#)



The best 18650 thrower with one battery is the [Armytek](#) Predator 2.5. There are a large amount of flashlights competing for this single 18650 spot and as far as independently confirmed readings go the Armytek Predator 2.5 wins by quite a bit. [Eagletac's M25C2](#) manufacturer numbers are 100+ meters over the Armytek but they are not independently confirmed and the Eagletac is also \$40 more. The Predator 2.5 uses the XP-G2 and can throw a beam 380+ meters. This torch comes with four brightness levels, strobe

and beacon. Armytek is making fantastic flashlights, they are Canadian designed and manufactured. They really pride themselves on exceeding the standards and say that most of their flashlight would survive a drop from the 10th floor of a building and being submerged at 50 meters. Definitely a quality manufacturer that has some really awesome torches.

- Weight: 5.8 oz (without battery)
- Dimensions: 6.1 inches long and 1.55 inch diameter
- Lowest Setting: 6 Lumens for 155 hours
- Highest Setting: 670 Lumens for 1 hour and 20 minutes
- Beam Distance: 380+ meters
- Cost: \$\$\$
- Cost Per Meter: About \$0.27 cents

[Buy Now or Read More Reviews on Amazon.com](#)

Best 3 x CR123A Thrower: [Olight M3X Triton](#)



There is not much competition in the 3xCR123A category but the longest throw flashlight is the Olight M3X. This is an overall great performer for the price point. This flashlight is also extendable to 4xCR123A and 2x18650 which will increase its throw. The Olight M3X Triton uses a Cree XM-L2 to project a beam up to 600+ meters the large reflector matched with lots of power help to make this such an awesome thrower at a bargain price. The M3X has two brightness settings and strobe mode. This expandable flashlight would probably be our overall budget choice

for a long distance flashlight. Not the farthest thrower but at \$0.16 per meter this is a great deal. Only one other flashlight is lower in cost per meter but it doesn't throw nearly as far. This flashlight with the extender is the second farthest thrower.

- Weight: 9.38 oz (without battery)
- Dimensions: 8.3 inches long and 2.48 inch diameter
- Lowest Setting: 300 Lumens for 5 hours
- Highest Setting: 1200 Lumens for 1 hour and 20 minutes
- Beam Distance: 600+ meters
- Cost: \$\$\$
- Cost Per Meter: About \$0.16 cents

[Buy Now or Read More Reviews on Amazon.com](#)

Best Budget 4 x CR123A/ 2 x 18650 Thrower: [JETBeam BC40](#)



The JETBeam BC40 is the overall long throw flashlight budget winner for 4xCR123A or 2x18650. A really well built light for the price, the BC40 shoots a beam 320+ meters with its [XM-L Bulb](#). Not as fancy as many of the other lights in this category and not even as fancy as most of the other JETBeam lights this flashlight is simple. This flashlight only has a high and a low mode that are controlled by twisting the head. There is no other special modes like strobe, beacon, or SOS. The real steal about this light is the price, somewhere between

\$50-\$60 you get a very well built flashlight with a \$0.15 cost per meter for beam distance.

- Weight: 8 oz (without battery)
- Dimensions: 8.78 inches long and 1.89 inch diameter
- Lowest Setting: 130 Lumens for 11 hours
- Highest Setting: 830 Lumens for 1 hour and 30 minutes
- Beam Distance: 320+ meters
- Cost: \$\$
- Cost Per Meter: About \$0.15 cents

[Buy Now or Read More Reviews on Amazon.com](#)

Best 4 x CR123A/ 2 x 18650 Thrower: [Armytek Barracuda](#)



As with the Armytek Predator 2.5 mentioned earlier the Armytek Barracuda is a finely crafted tool. These lights are very well built and are made to last, an Armytek might be the last flashlight you ever have to buy. Using the Cree XM-L2 this is the longest throw flashlight in this category casting a beam 630+ meter dominating everything else aside from the Olight M3X with the extender. With the largest reflector size so far it is once again clear to see that reflector size is very important for throw. This flashlight comes with

four brightness levels and the ability to set it into 3 different operational modes. The modes are main (just high brightness), additional (medium, low, lower cycle), tactical (uses momentary on and cycles through the same as additional, high momentary works with head tightened). This Canadian based companies slogan is “born to exceed”, these are really well made flashlights.

- Weight: 14 oz (without battery)
- Dimensions: 10.4 inches long and 2.52 inch diameter
- Lowest Setting: 30 Lumens for 60 hours
- Highest Setting: 1390 Lumens for 1 hour and 30 minutes
- Beam Distance: 630+ meters
- Cost: \$\$\$\$
- Cost Per Meter: About \$0.23 cents

[Buy Now or Read More Reviews on Amazon.com](#)

Best 18650 Thrower

Once you get over a 4 x CR123A flashlight it is possible but less likely that you would use 6 or even 8 batteries in one of these flashlights so we will just call them the 18650 throwers. If you are looking for 1 x 18650 or 2 x 18650 look in the above section on CR123A flashlights. For 18650 Li-ion batteries as long as the battery is built around the Panasonic NCR18650B 3400 mAh industrial core it will probably be a great battery. Some frugal buyers just buy the industrial core [Panasonic NCR18650B unprotected batteries](#) and save a little money, but we prefer batteries with a protective circuit and a button top. The [Orbtronic 3400 mAh protected top button batteries](#) have worked great for us and the manufacturer says that they are specifically designed for flashlights. To charge those expensive Li-ion batteries you need good charger, we think the best is the [Xtar VP2 Li-ion battery charger](#). The Xtar VP2 is one of the most advanced chargers at a great price, it even has a USB connection so you can use it as a battery pack to charge other devices.

Best Budget 3 x 18650 Thrower: [Olight SR52](#)



Olight is one of the masters of long throw led flashlights, the Olight SR52 is another great flashlight. The SR52 uses the Cree XM-L2 to throw its beam over 640+ meters. Not too much farther than the Armytek Barracuda but at a cheaper price you gain a little weight with a third battery. This flashlight has some really cool options. To start out it has three brightness levels and strobe. It also comes with a micro-USB port to allow recharging the batteries while they are inside of the light. Which means that you do not have to spend money on a separate charger. The built in indicator lights will let you know when the batteries are running low and

when they are full. The SR52 also comes with a built-in memory function so you can return to where you turned it off. Lastly, it has a lock-out function that prevents accidental activation.

- Weight: 14.3 oz (without battery)
- Dimensions: 6.3 inches long and 2.5 inch diameter
- Lowest Setting: 40 Lumens for 40 hours
- Highest Setting: 1200 Lumens for 4 hours
- Beam Distance: 640+ meters
- Cost: \$\$\$
- Cost Per Meter: About \$0.19 cents

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Best 3 x 18650 Thrower: [Thrunite TN32](#)



The Thrunite TN32 is the best thrower flashlight in this category with a more than 3 inch reflector and an XM-L2 this flashlight casts its light 870+ meters. We are getting close to the magical 1 kilometer (1Km) mark. The TN32 come with an awesome selection of 7 brightness levels and strobe, for some this might be too much but others like the options. Thrunite says that this is a flashlight designed for flashaholics and they have done a good job of boosting the performance from their previous flashlight the TN31. Incorporating things like a copper plated chromium circuit gives this light better heat dissipation and therefore performance. Thrunite tried to take some of the tricks of [flashlight modders](#) and create a flashlight that was super stable with

optimized output. For a super thrower this is a real value.

- Weight: 22.9 oz (without battery)
- Dimensions: 7.94 inches long and 3.11 inch diameter
- Lowest Setting: 0.6 Lumens for 1920 hours
- Highest Setting: 1702 Lumens for 1 hour and 30 minutes
- Beam Distance: 870+ meters
- Cost: \$\$\$\$\$
- Cost Per Meter: About \$0.20 cents

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Best 4 x 18650 Thrower: [Fenix TK61](#)



Another great affordable super thrower, the [Fenix](#) TK61 uses the XM-L2 LED to throw a beam 820+ meters. Less than the 3 battery Thrunite TN32 but this flashlight is also quite a bit cheaper. Fenix is known for making high quality flashlights at a good price point and this is no exception. The Fenix TK61 has four brightness levels, strobe, and SOS. Fenix could have easily made this a stronger flashlight but they chose to make the flashlight have over a 4 hour battery life on the highest setting. They also made the decision to use dual on-body switches so it is very easy and natural to switch between different modes. At \$0.16 per meter of throw this is one of the top

budget flashlights on this list. An overall great light, this long range flashlight is also a favorite of some flashlight modders.

- Weight: 21.1 oz (without battery)
- Dimensions: 8.5 inches long and 3.78 inch diameter
- Lowest Setting: 20 Lumens for 300 hours
- Highest Setting: 1000 Lumens for 4 hour and 20 minutes
- Beam Distance: 820+ meters
- Cost: \$\$\$\$
- Cost Per Meter: About \$0.16 cents

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Best Throw Flashlight with a Proprietary Battery

The manufacturers that are really trying to do something special and make the best throw flashlight turn to using proprietary batteries, or built in specialty batteries. When the producer does this they can have batteries that are more compact with more power since they do not need all of the wrapping of individual cells. These flashlights usually are [rechargeable](#) by just plugging the entire light in. Which means that even though they are more expensive you do not have to buy separate batteries and a charger. These two flashlights also decide to ditch the much more cost effective Cree LEDs in favor of the specialty [Luminus SBT-70 LED](#) that is designed to throw long distances. These are the cream of the crop flashlights, designed to be the best.

Best Battery Pack Thrower Flashlight: [Olight SR95S-UT](#)



Now we get to the real competition for our longest throw led flashlight. The Olight SR95S-UT is a monster of a light producer. Definitely not a [keychain flashlight](#), this flashlight comes with a shoulder strap instead. There are flashlights that have more lumens but this flashlight uses its 3.54 inch reflector to shine its beam 1000+ meters. Over a kilometer! That means if you had a friend running a 3k you would be able to still have your light on him when he was one third done, over half of a mile! This long distance flashlight uses the Luminus SBT-70 LED, the Luminus LEDs have amazing power, the only downside to them is the cost. Where most of the

Cree LEDs cost under \$4 at high quantities, these LED run between \$30-\$40 at high quantity. The Olight SR95-UT has three brightness settings and strobe. One of the few lights that really has a beam distance over 1km at a little over \$300 it is a bargain compared to the others.

- Weight: 43.33 oz (without battery)
- Dimensions: 12.8 inches long and 3.54 inch diameter
- Lowest Setting: 150 Lumens for 48 hours
- Highest Setting: 1250 Lumens for 3 hours
- Beam Distance: 1010+ meters
- Cost: \$\$\$\$\$\$\$\$
- Cost Per Meter: About \$0.32 cents

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Best Overall Thrower Flashlight: [Nitecore TM36](#)



Nitecore has shown up on this list many times and their new TM36 is the flashlight with the longest throw that we could find. The Nitecore TM36 uses the same SBT-70 LED that the Olight uses but they boosted the lumen output and lowered the runtime. This flashlight is throwing over 1km at about 1070+ meters. The special battery pack (NBP52) has been specially designed to increase runtime while keeping giant output levels, it is the equivalent of 8 x 18650 batteries. This flashlight has two built in charging ports, one on the flashlight and one on the battery pack just in case you purchase an extra. It has five brightness levels, strobe, SOS, and Beacon. There are also things like lockout, OLED display, and the integrated charger that make this not that bad of a deal since you won't need a charger. This is an amazing flashlight from a high quality producer, Nitecore obviously is focusing a little on throw capabilities.

- Weight: 47.41 oz (without battery)
- Dimensions: 10.94 inches long and 3.54 inch diameter
- Lowest Setting: 50 Lumens for 67 hours
- Highest Setting: 1800 Lumens for 1 hour and 45 minutes
- Beam Distance: 1070+ meters
- Cost: \$\$\$\$\$\$\$\$\$\$\$\$
- Cost Per Meter: About \$0.45 cents

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The Best Long Range Flashlight

According to our research and reviews the longest throw led flashlight that uses only a reflector and does not have any custom modification is the Nitecore TM36. Now as you probably realized during this article that you first need to decide how big of a flashlight you need. How far do you need to throw? What kind of beam distance do you need? Does it need to fit in your pocket? Do you need any other features like a moonlight/firefly mode or the ability to recharge the batteries inside of the flashlight? You will have to decide on all of these things before you make your purchase of one of these high lumen flashlights. So, the [Nitecore TM36](#) is the stock reflector flashlight with the longest throw, but we do not feel that it is the best throw flashlight. We really really like the [Olight M3X](#). It is a simple light at a good price that just gets the job done. It can also be extended to increase power and throw. If you need more throw or features check out the other lights that offer things like OLED displays and tons of modes. There are many other throw flashlights on the market but these are the ones that we feel are the top. Thank you for reading this “Best Of” article please take a look at our other [Best Flashlight articles](#). Please also take a look at our Super-Size Flashlight Comparison Guide where you can filter flashlights down to the specifications that you want. If you are new to flashlights and are not sure about some of the vocabulary here please read our [tactical flashlight buyers guide](#). Also, if you liked the content here please follow one of the long range flashlight links to Amazon and get yourself one.