



ANSI/NEMA FL 1

NEW STANDARDS HELP YOU COMPARE FLASHLIGHT PERFORMANCE

... MAKING IT EASY TO MAKE THE BEST CHOICE FOR YOUR NEEDS.

Until now there have been no standardized tests or uniform rating system for flashlights. So there's been no way for consumers to make an informed purchase choice. You couldn't tell how a light would perform until you bought it and tried it for yourself. That was costly for consumers and frustrating for manufacturers like Streamlight, who work hard to make quality lighting tools.

That's why Streamlight was instrumental in forming a coalition of industry leaders to create standardized tests and a uniform rating system. The new ANSI/NEMA FL 1 Standards are here; and we're pleased to announce that the confusion and frustration are over.

Developed with the guidance of the American National Standards Institute, the National Electrical Manufacturers Association and representatives from 14 companies in the portable lighting industry, these standards help you rate and compare the most important features of personal lighting tools.

Following is the list of features that are covered by the ANSI/NEMA FL 1 Standards, along with the icon that represents that feature. Participating flashlight companies will now show these icons on their packaging with a rating that tells you how the light performed. This rating system is particularly helpful in comparing one light to another. Right in the store, you can look at various flashlights, and by reviewing the icons and ratings on the packages, you can compare brightness, beam distance, impact resistance, runtime, water resistance, and more.

It's important to know that adherence to these standards and reporting results is strictly voluntary; and that each flashlight company that participates in this rating system conducts its own tests, adhering to very specific guidelines. So far many of the leading flashlight manufacturers have opted to join us in making it easier for consumers to choose the best light for their needs. We hope the entire industry will also follow these standards.

Streamlight has a lot of lights that need to be tested; and we're performing these tests now. As we publish new catalogs, we'll be including the ANSI/NEMA FL 1 Standards icons next to the products that have been tested. As soon as possible, we'll also be featuring those icons on our packaging.



PEAK BEAM INTENSITY:
The maximum luminous intensity typically along the central axis of a cone of light. This measures the brightest part of the beam. The value is reported in candela.



BEAM DISTANCE:
The distance from the device at which the light beam is 0.25 lux. Results are reported in meters.



IMPACT RESISTANCE:
The degree to which a portable light resists damage when dropped on a solid surface. Dropped samples must not exhibit any cracks or breaks, and must remain fully functional in order to pass the Impact Resistance test.



RUN TIME:
The duration of time from the initial light output value (that's 30 seconds after the light is turned on with fresh batteries) until the light output drops to 10% of the initial value.



LIGHT OUTPUT:
A measurement of the total quantity of emitted overall light energy. The value is reported in lumens.



WATER RESISTANCE:
There are three tests that measure water resistance:
Resistance to Temporary Immersion in Water
Resistance to Continuous Immersion in Water
Resistance to Splashing Water



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POLYTAC® LED HP