



What is the ANSI FL-1 Standard?

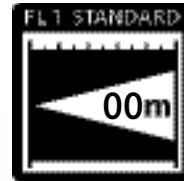
Answer: The American National Standards Institute published a standard called the ANSI FL-1 Flashlight Basic Performance Standard. This testing spells out specific testing and reporting methods for the portable lighting industry. This testing is not required, but Beacon has chosen to follow it so customers can be confident in the quality of the flashlight they are receiving. All tests are done through an internationally accredited laboratory that is a leader in quality, health, safety, and environmental management systems. Beacon flashlights are tested for distance, lumens and impact resistance.

What is tested in the ANSI FL-1 Standards testing?

Answer: Beam distance, Impact Resistance, Run Time, Light Output, Water Resistance, Water Proof and Submersible. Beacon is not testing all of these items. We are testing distance, lumens and the impact resistance.

Why do we test for ANSI FL-1 Standards?

Answer: It gives standards so that the customer can be confident in the quality of the flashlight they are receiving.



What is Beam Distance?

Answer: The distance, measured in meters, at which the light projects a useful amount of light, measured at 0.25 lux. (0.25 lux is approximately the equivalent of light emitted from a full moon "on a clear night in an open field.")



What is Light Output?

Answer: Total light output measured in Lumens. Lumens have become the most commonly used unit of measure for total light output in portable lighting devices.



What is Impact Resistance?

Answer: The height, measured in meters, from which the light can be dropped onto cured concrete and still work properly. This testing is completed by dropping the product (6) times using drop orientations that approximate each side of a cube. Dropped samples cannot have any visible cracks or breaks and must remain fully functional. The product must meet a minimum of (1) meter to receive this rating.

