



Z-BOLT®

Product Design & Specifications

The professional choice in premium laser products

Z-Bolt® Bird-SPOT

Extreme Duty Green Laser for Birding

532nm - Green (Emerald Series)

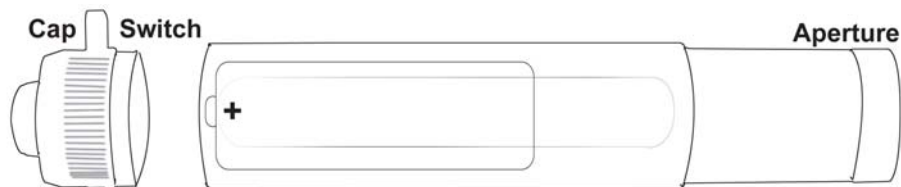


Design & Operation

The Z-Bolt® Bird-SPOT is built for extreme duty. The laser diode and battery compartment are protected by double o-ring seals; circuit board is encased (epoxy resin) in a protective collar to prevent damage by vibration, accidental dropping, etc. Water & dust proof; shock & vibration resistant; rugged & reliable. Z-Bolt® Certified Power for the brightest possible daylight dot; most visible nighttime beam. Each Z-Bolt® Certified Power green laser pointer is factory tuned & calibrated, then tested & certified on a laser power meter. These Certified Power units are rated at 4.0 to 5.0 mW power output and are 2 to 3 times brighter than standard Class IIIa units - all ship with our exclusive Laser Power Output Certificate. The Bird-SPOT is constructed of high quality anodized aluminum, and includes an IR filter and glass lens for superior laser performance. Ships with rope lanyard and black nylon belt carry pouch for field use, transport, & stowage.

To Operate: Insert 1 pc CR123A battery as shown in diagram. Screw on end cap switch clockwise and secure tightly. Laser power is actuated by pushing button on/off. When storing, traveling, or placing in pouch during field use, twist end cap 1/4 turn counter clockwise - power switch will be locked out (deactivated) to prohibit accidental battery drain.

Batteries



Remove Cap. Insert CR123A or equivalent with (+) Tip toward cap. Replace Cap. Do not attempt to remove aperture; voids warranty.

Box Contents - Features

- 98% IR Filtering & Glass Focusing Lens (Not Plastic)
- Battery Life - Six (6) Hours Constant On Operation
- Computerized APC Diode Control Circuit
- Nylon Belt Carry Pouch (MOLLE Style)
- Power Source - 1 pc CR123A Lithium
- Water Proof to 3 Meters for 1 Hour
- User Guide & Specification Card
- Laser Power Output Certificate
- Constant On/Off Click Switch
- Nylon Rope Lanyard

Laser Specifications

- Length 5.0 in. x Diameter 1 in. (127 mm x 25 mm)
- Wavelength (Color) - 532 nm (Emerald Green)
- Output Power - Z-Bolt® "plus" 4.0 ~ 5.0 mW
- Diode Operating Life - 3,000 to 5,000 hours
- Diode Circuit Type - Computerized APC
- Beam Diameter at Source - 1.1 mm
- Output Mode - Constant Wave
- Range (Night) - 5 Miles
- FDA Safety Class - IIIa
- ANSI Safety Class - 3R
- Warranty - 1 Year

Z-Bolt.com/Guides