



Z-BOLT®

Product Design & Specifications

The professional choice in premium laser products

Z-Bolt® Sapphire Galaxy II (SG-II)

Constant On Blue Laser Pointer

450nm (Sapphire Series)



Design & Operation

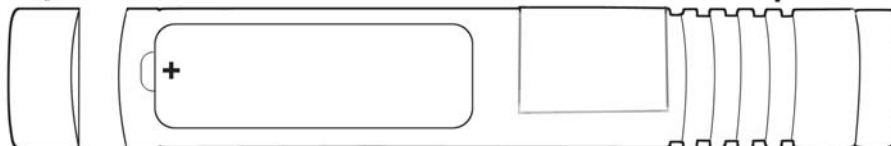
The Z-Bolt® Sapphire Galaxy II is built for use in extreme temperatures. We have placed our new design blue laser diode in a beautiful casing suitable for astronomy or scope mounting; operates in extreme cold temperatures (+10 Degrees F°, -12 Degrees C°) without dimming or degradation. Projects a brilliant sapphire blue laser beam and dot. Visible beam at night - dot only during daytime hours. Six (6) hours constant on operation.

The Z-Bolt® Sapphire Galaxy II is the product of new design technologies and manufacturing efficiencies. Z-Bolt® Sapphire Series laser pointers are fabricated with InGaN semiconductors, which emit blue laser light without frequency-doubling. Blue laser is eye safe - IEC Class 3R and FDA Class IIIa. The SG-II features true blue 445~455nm blue laser light (not 405nm violet/purple) The new design blue laser module operates on 1 pc CR123A lithium battery (2 pcs included).

Batteries

Cap Switch

Aperture



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

Box Contents - Features

- Special Design 450nm Blue Laser Diode
- Diode Type - InGaN Semiconductor
- Battery Life - Six (6) Hours Constant On
- Nylon Belt Carry Pouch (MOLLE Style)
- Power Source - 1 pc CR123A Lithium
- User Guide & Specification Card
- Constant On/Off Click Switch

Laser Specifications

- Length 4.65 in. x Diameter 0.75 in. (118 mm x 19 mm)
- Wavelength (Color) - 450nm (Sapphire Blue)
- Output Power - 3.0~5.0 mW
- Diode Type - InGaN Semiconductor
- Operating Current - <140mA (Typical: 80mA)
- Input Voltage - 2~5V
- Diode Operating Life - 3,000 + hours
- Range (Night) - 2 Miles
- FDA Safety Class - IIIa
- ANSI Safety Class - 3R
- Warranty - 1 Year

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