



Laser Excited Phosphor . . .

BOLT's Patent Pending technology delivers the market's **brightest lumen & candela LEP** light performance! **Swappable DIFFUSER windows** enable user selected 3°, 30°, or 50° diffused beam "spills" for CQB Ops or Long Spot 1,200 Meter Throws. The **BLAZER** beats current LED tech in heat mitigation, luminance, contrast, and superior light throw distances - a game changer! Ships with accessories for multiple mounting solutions - standard clamp mount or QD adapter. Dual power fueling; switch port for Steiner/Unity/Streamlight (Crane-Style Connectors) cable switches.

About Beam of Light Technologies . . .

BOLT designs and manufactures US made multi-function aiming lasers (MFAL) for civilians, military, and law enforcement alike. Single band EYE-SAFE weapon lights, training lasers, LED & VCSEL illuminators (IR & Green) Dual beam lasers & illuminators available in FDA Legal civilian power outputs or higher power laser outputs per the end users' request or requirements. **Design consultations and special build requests welcomed.**

BLAZER Variants and Configurations . . .

The **BLAZER** offers mutiple build options - mix & match components for your particular requirement or mission set. Weapons mount for long or short barrel rifles and SMGs - or use as a hand-held patrol light for an eye-safe, yet effective comms light - the only spotlight you'll ever need! Modular by design, the **BLAZER** components are interchangeable and can be purchased separately. Barrels, laser lights heads, batteries - or an entire Long Barrel or SBR/SMG Conversion Kit!

BLAZER Options & Styles

Mounted:

- LEP-450-LB, Long Barrel - Duel Fuel
- LEP-450-SB, Short Barrel - 1 pc 18350

Hand-Held:

- LEP-450-LB-PL, Patrol Light - Duel Fuel
- LEP-450-SB-PL, Patrol Light - 1 pc 18350

Kit Contents

- 1 pc **BLAZER** Weapon Light
- 1 pc Port or Standard Tail Cap
- 1 pc Clamp Mount - 1913
- 1 pc ARMS / AD-175 / LaRue Adapter
- 1 pc Vibra-TITE 121 Threadlocker (2ml)
- 2 pc 18650 Batt & Charger
- 2 pc CR123A Batteries
- 2 pc 18350 (SB Only - No Duel Fuel)
- 1 pc Cloth Lens Wipe

Accessory Add-Ons

- Unity Tactical "Hot Button" Switch
- ARMS 17S Throw Lever Mount
- Long or Short Barrel Conversion Kits
- Predator Hunt Colored Filter Kit
- 1 pc Green Filter - 1 pc Red Filter



BLAZER - Device Specifications

Max Beam Throw: 1288 Meters @ 2.5 ~ 3.0° (ANSI FL1)
Peak Beam Intensity - Range:
385,000~415,000 candela (550~600 Lumens)
Weapon Light Type: LEP - Laser Excited Phosphor
LEP-450-LB / Long Barrel - Duel Fueling

Battery Life: 130 Minutes (1 pc 18650)

Battery Life: 90 Minutes (2 pc CR123A)
LEP-450-SB / Short Barrel

Battery Life: 45 Minutes (1 pc 18350)
FDA Safety Class 1: Certified EYE-SAFE
Battery: 1 pc 18650 3.7V 3500 mAh Lithium (Long Barrel)
Battery: 2 pc CR123A 3V 1500 mAh (Long Barrel ONLY)
Battery: 1 pc 18350 3.7V 1400 mAh (Short Barrel)
Weight:

Long Barrel 370 grams/ 13 oz with 18650 Battery
Short Barrel 213 grams/ 7.5 oz with 18350 Battery

Switch Port Type: Crane-Style Connector (Unity, Steiner, Streamlight)

Mount Type: 1913 Grabber or ARMS 17S/AD-175/LaRue LT271

Overall Dimensions:

Long Barrel: Length 225mm x Diameter 46mm

Short Barrel: Length 137mm x Diameter 46mm



WARNING
Possibly hazardous optical
radiation emitted from this
product

CLASS 1 LASER PRODUCT





Z-Bolt® Laser Devices Weapon Lights & IR Illuminators Forensic Laser & LED Light Sources

ACAL Lasers & IR Illuminators



ACAL
Advanced Collocated
Aiming Lasers

BLAZER Weapon Lights



Multi-Function Dot & Line Trip Wire Illuminators



36° Fan Angle
15' Line Length @ 15'

Twist Head for Dot or Line Function -
Green or Infrared Variants . . .



LINE FLUORESCENCE



Use Only With Night Vision Optics - Civilian Legal!

Field Utility Laser Pointers-Reduce Operational Errors



Precise & Non-Verbal Tactical Comms . . .

Red
Blue
Green
Infrared

Hand-Held FDA Class 1
Civilian Legal & EYE-SAFE
FDA CLASS IIIa & ANSI 3R
Dot & Beam Laser POINTERS

Forensic Imaging Lasers



400mW Green Laser
10W Blue LED Light
2x Filtered Glasses
Battery Charger + Batts
Optical Cleaning Kit
Injection Molded Case

Blue & Multi-Color LED Lights



Z-Bolt® Forensics - Alternate Light Sources

Call or Email for Details: 503-867-1617 John@Z-Bolt.com