



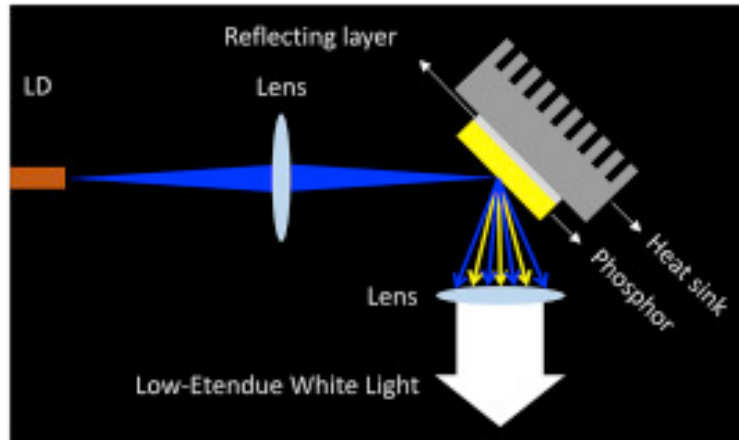
January 18, 2021

Quantum LEP

LASER Lighting Solutions

Blazer Long-Gun Weapon Light – LEP Tech! [SKU# LEP-450]

BOLT’s Quantum LEP Laser Lighting Solution is innovative and future facing. The **Blazer** employs a blue laser to fluoresce a yellow phosphor, forming a broad spectrum of white light, which is the core of our laser lighting technology. The blue coherent laser focuses on the 50um phosphor crystal coating (PCC) and produces visible fluorescence. The yellow light and the remaining blue light are then absorbed and re-emitted together to form the non-coherent cool white light. BOLT’s special collimation lens gathers the non-coherent white light source and collimates the output beam to less than 3 degrees. A tethered diffusor lens allows for quick flipping between 3° long throw (light assembly “naked”) and 30° wide beam light. (when diffusor attached & activated)



Blazer Product Specifications **PRODUCT LAUNCH – MARCH 12, 2021**

- Technology Core: High Energy Laser Excitation Phosphor (LEP)
- Service Life – Light Source: 10,000 hours of Light Activation
- Beam Divergence: 3 degrees / 30 degrees with Diffusor
- Luminous Intensity: 415,000 cd / 600 lumens
- Solid State: Contains No Moving Elements
- FDA/CDRH Accession #: 2120002-000



Blazer Product Features (LEP vs. LED)

- Multiple Color Bands: White, Green, Red (filters included)
- Mounting Options: 1913 Clamp or ARMS Adapter
- Durability: High Stability, High Shock Resistance
- FDA Laser Safety Class I: Certified “EYE SAFE”
- Narrower Beam Angles – 1,200 Meter Throw!
- Farther Throw Distances – 10x Distances
- Sharper Light Contrast – 10x Contrast
- Brighter than LED – 100x Luminance
- Dual Fuel: 1x 18650 or 2x CR123A



www.Z-Bolt-Laser-Systems.com