

**MODEL BL-90 – ULTRAVIOLET ILLUMINATOR****FEATURES:**

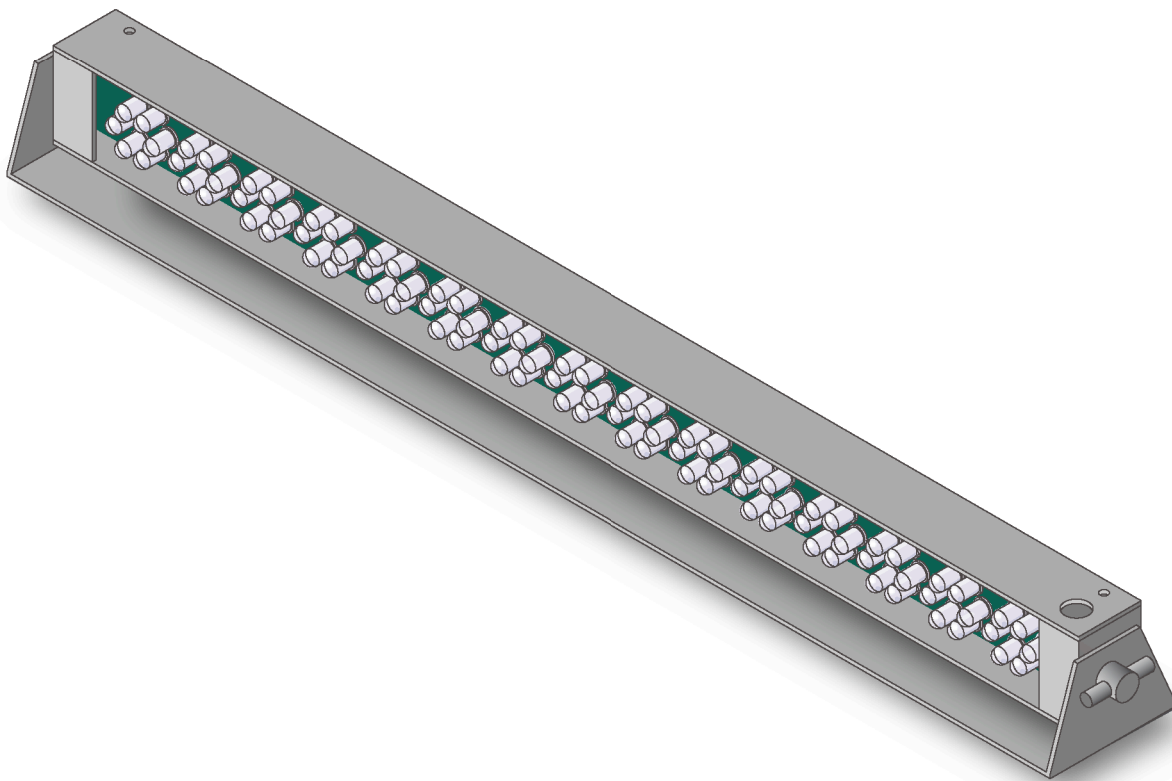
**LED BASED ULTRAVIOLET ILLUMINATOR: NO HEAT, NO LAMP CHANGES, NO MAINTENANCE.  
FULL INTENSITY RANGE AND STROBE CAPABILITY WITHOUT REDUCING FIXTURE LIFETIME.  
TOP QUALITY AMERICAN CONSTRUCTION, SMALL & LIGHTWEIGHT, RUGGED & RELIABLE  
ULTRA-LOW POWER REQUIREMENTS, LESS THAN 10 WATTS WITH 24 VOLT OPERATION**

**EFFECT:**

An Ultraviolet LED replacement for fluorescent UV fixtures, with lower power consumption, vastly longer lifetime, and greater durability. The fixture output is more directional than a fluorescent lamp, putting more UV where you want it.

The standard fixture may be dimmed using current limiting, voltage limiting, or PWM (Pulse Width Modulation) drive circuitry, and may be strobed using the same methods, or through simple contact closures.

The fixture is available in a range of UV wavelengths and LED counts for several output power levels, which can replace fluorescent fixtures from 15 watt, 18 inch T-8 and larger.



MADE IN THE USA

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Specifications subject to change without notice.  
BL-90-001 Rev 0

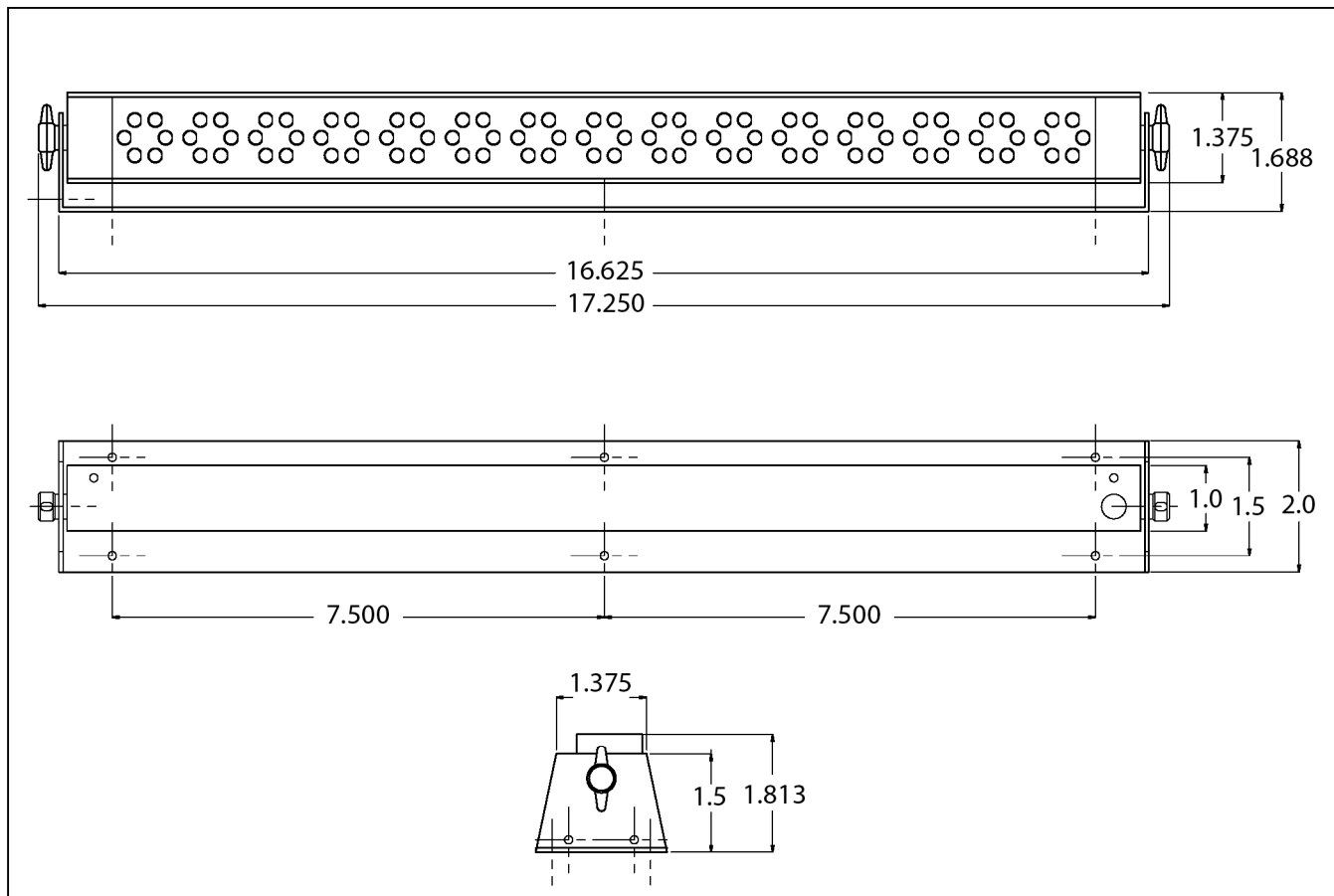
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**SPECIFICATIONS**



**MECHANICAL**

Housing: All Aluminum, 17.25 x 1.68 x 1.8  
 Finish: Black Anodized  
 Mount: Any Orientation, #4 (M3) screws  
 Weight: 1 lb (.37 kg)

**OPTICAL**

LEDs: 90 maximum Ultraviolet Light Emitting Diodes with a range of emission wavelengths, dispersion angles, and array densities

**ELECTRICAL**

Input Voltage: 24 Volts DC @ .25 amperes  
 Power Pack: 100 to 240VAC, 50/60Hz input  
 UL Class II output, 24 VDC at .5 Amperes maximum

**APPLICATIONS**

UV Scenery, display, and cabinet lighting  
 UV lighting of Models and Miniatures  
 UV Lighting from Concealed locations  
 UV lighting within confined spaces

**OPTIONS AND ACCESSORIES**

Part Number BLI-XX-YYY-Z where:  
 XX= LED Count (15, 30, 45, 60, 75, or 90)  
 YYY= Available LED Wavelengths  
 365 = Pure UV, little or no visible emissions  
 375 = Pure UV, faint white visible emission  
 405 = "Black Light Blue", deep violet visible emission.  
 Z = Optional dispersion angle specification,  
 Where "W" = Wide Angle, "N" = Narrow Angle, or  
 Numerical angles from 10 to 30 degrees  
 Diffusion filters for wide angle applications  
 Specialized LED arrays for custom applications  
 Color Anodized housings for specialty displays

