

## UV Bullet

The UV Bullet™, a focusable ultraviolet LED luminaire for blacklight effects, addresses the needs of lighting designers and specifiers who require a small, lightweight UV spotlight for blacklight highlights. This refined luminaire offers high output with tool-free versatility to allow true precision blacklight effects in a range of entertainment and architectural applications.

Packed with features, the UV Bullet produces a powerful ultraviolet output while housed in a discreet, compact form factor, which is important for themed environments, architectural and retail markets. This focusable ultraviolet luminaire uses a powerful 365 nanometer UV-A-LED emitter for stunning blacklight effects with minimal visible light. The UV Bullet, which dims smoothly over the whole output range, draws only 18-watts yet offers a high output that surpasses much larger UV luminaires that typically use discharge lamps and which can't be dimmed.

A key feature of this UV spot luminaire is a uniquely designed 8:1 focus range zoom— from a tight 7° spot to an extra wide 55° flood. The focus mechanism requires no change of lens, no tools, and is lockable for permanent installations. The UV Bullet is ideally suited to illuminate only the desired targets allowing designers to create optical illusions and blacklight effects with pinpoint accuracy with control and focus flexibility that also easily fits into a range of installation environments.

The luminaire is supplied with an electronic multi-voltage power supply and a DMX-512A interface with feed-thru data capabilities via two RJ45 ports. DMX addressing and pre-programmed onboard options including strobe, fade, and manual dimming are assigned via three onboard rotary dials. The DMX/Power Supply housing can be remotely mounted from the UV Bullet unit to accommodate any installation environment.

A range of accessories is available for the UV Bullet including a barndoor, snoot, and linear spread diffusion. A range of mounting options is available including a variety of clamps, as well as a table/ floor base. The UV Bullet luminaire meets the rigorous standards for electrical safety and include ETL, cETL, and CE.



### Features

- SPECIAL HIGH-POWER 365 NANOMETER UV LED EMITTER
- 8:1 FOCAL RANGE FROM 7° TO 55°
- PROPRIETARY FOCUSING LENS
- LED LIFETIME RATED AT 30,000 HOURS
- COMPATIBLE WITH DMX-512A - REQUIRES ONE DMX CHANNEL PER FIXTURE
- FEED THRU DMX VIA RJ45 CONNECTORS
- FULLY ADDRESSABLE VIA THREE ROTARY DIALS
- STAND-ALONE FUNCTION INCLUDES MANUAL DIMMING, STROBE, FADE AND FULL ON
- UTILIZES ELECTRONIC MULTI-VOLTAGE DRIVER 90-240VAC 50/60HZ
- UV BULLET HEAD CAN BE REMOTE MOUNTED FROM DMX/POWER SUPPLY HOUSING
- PATENT PENDING

## UV Bullet Specifications

**LIGHT SOURCE:** 365NM UV-A LED EMITTER

**MOUNTING:** 3/8" THROUGH HOLE ON UNIT OR ON DMX/POWER SUPPLY

**DATA CONNECTORS:** (2) RJ45 CONNECTORS FOR DMX IN/THRU

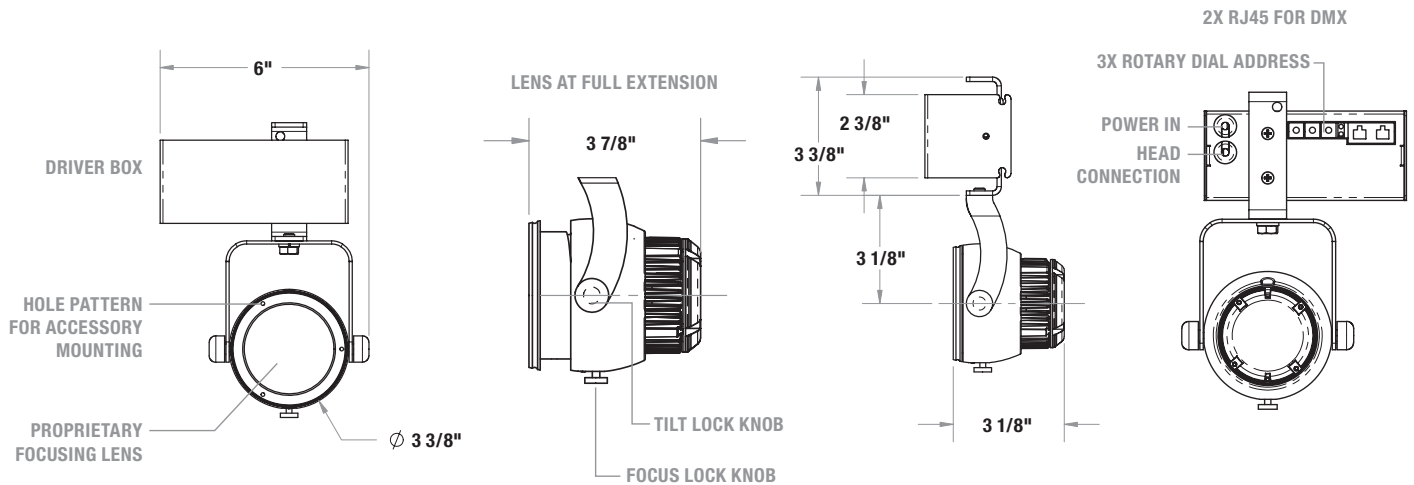
**POWER CORD:** 6' WITH MOLDED EDISON CONNECTOR

**VOLTAGE:** 90-240 VAC 50/60HZ

**POWER DRAW:** MAXIMUM 18-WATTS

**LAB LISTINGS:** ETL, CETL, AND CE LISTED

## Dimensions



## Photometry

### NARROW SPOT FOCUS

FIELD ANGLE - 13.3 DEGREES

BEAM ANGLE - 7.4 DEGREES

DISTANCE	5	10	15	20	25
CENTER PEAK INTENSITY (UW/CM <sup>2</sup> )	1709	427	190	107	68
BEAM DIA. (FT) @ 50% OF CENTER	0.7"	1.3"	2"	2.6"	3.3"
BEAM DIA. (FT) @ 10% OF CENTER	1.2"	2.3"	3.5"	4.7"	5.9"

### MAXIMUM FLOOD FOCUS

FIELD ANGLE - 69.2 DEGREES

BEAM ANGLE - 55.4 DEGREES

DISTANCE	5	10	15	20	25
CENTER PEAK INTENSITY (UW/CM <sup>2</sup> )	33	8	4	2	1
BEAM DIA. (FT) @ 50% OF CENTER	5.2'	10.5'	15.7'	21'	26.2'
BEAM DIA. (FT) @ 10% OF CENTER	6.9'	13.8'	20.7'	27.6'	34.5'

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## Bullet Part Numbers

RHA-UV.BULLET.DMX.1.0	UV BULLET, 18-WATT LED BLACKLIGHT W/DMX
RHA-UV.BULLET.BD	FOUR-LEAF BARNDOR
RHA-UV.BULLET.L.SL	LINEAR SPREAD LENS
RHA-UV.BULLET.SN	SNOOT ACCESSORY
RHA-XLR.RJ45	5-PIN MALE XLR TO RJ45 ADAPTER
RHA-LD.CLAMP-BK	LIGHT DUTY FLAT STEEL CLAMP WITH 5/16" BOLT FOR USE WITH 1/4" TO 1-1/2" PIPE
RHA-MINI.CLAMP	MINI-CLAMP WITH 3/8" BOLT FOR USE WITH 3/8" TO 1-1/2" PIPE
RHA-UV.BULLET.BASE	FLOOR/TABLE MOUNTING BASE
RHA-TERM.RJ45	120-OHM RJ45 TERMINATOR
RHA-BULLET.PROJ.TH.BK	25°-50° GOBO PROJECTION ACCESSORY