



TRITON T-2 & T-5

KEY INFORMATION & SPECIFICATIONS



Top Features

- IP64 – One of the first & only lasers of its kind
- Available in 2W (2,000 mW) and 5W (5,000 mW)
- Full RGB 1,000+ colors to match and blend perfectly with traditional moving head fixtures
- X-Laser's Mercury control firmware integrated for direct lighting console control using common protocols such as sACN, RDM, Art-Net, etc.
- Instant "gobo"/digital pattern changes and rapid 30K scanners for smooth pattern motion
- Unique compact form factor, approximately 13" x 7" x 5" to fit more systems on truss; weighs ~20 lbs (~9 kg) each
- 0.1° to 45° zoom range
- Active diagnostic readouts via LCD panel

The X-Laser Triton T-2 and Triton T-5 are the first production-grade laser fixtures engineered for IP64 durability and built in the United States. The T-2 (2W, 2,000mW) and T-5 (5W, 5,000mW) offer moderate power at a strong value, making them ideal for creating arrays of multiple systems inline with traditional moving lights. Specifically, these fixtures boast a compact form factor (approx. 13" x 7" x 5", ~20 lbs) and a unique mounting solution that allows rapid deployment and IP64 durability when rigged both vertically and horizontally.

The Triton T-2 and Triton T-5 have full RGB direct-injection laser diode modules, tuned for ideal balance so they can color mix on par with—or better than—today's top-brand "traditional" fixtures. Creating looks with rich berry, vivid orange or intense lime colors is no problem for Triton. Designers also benefit from the creative power and flexibility of X-Laser's Mercury Laser Control System, which enables programming directly from the lighting console using the same show file and common signal protocols such as DMX, sACN, Art-Net as well as RDM configuration capability.

Designers using the Triton T-2 and Triton T-5 also benefit from laser-specific advantages such as an incredible zoom range of 0.1° to 45° and instantaneous zoom and digital "gobo" changes, making these fixtures an awesomely punchy complementary effect for all genres, venues and performances. And with an easy-to-understand large LCD live diagnostic readout and field-serviceable alignment, the Triton series unites reliability and laser effects like never before.

Built road-ready, the Triton T-2 and Triton T-5 ship individually in standard plastic Pelican-style cases and can also easily fit up to 4 units in a standard-size wheeled touring cart.

Satisfy stagehands, delight designers and amaze audiences with the Triton T-2 and T-5 from X-Laser.



2W & 5W IP64 Laser Fixture
with Mercury Laser Control

TRITON T-2 & T-5

FIXTURE SPECIFICATIONS

SOURCE

2W / 5W Balanced RGB Laser Engine
Direct-Injection Diode Modules

Red: 638 nm
Green: 520 nm
Blue: 445 nm

T-5: 1.5W red, 2.0W green, 1.6W blue
T-2: 500mW red, 700mW green, 800mW blue

PHOTOMETRICS / OPTICS

High-Speed Closed-Loop Galvanometers,
Max Scan Angle 45°
30,000 PPS Scanner Speed at 8° Scan Angle

Beam Divergence: <1.4 mRad

Fully Sealed Optical Deck for IP64 Usage

ELECTRICAL / THERMAL

AC 100-240V - 50/60Hz
200W
Neutrik PowerCON

0° F to 115° F (-17° C to 46° C)

120 cfm Cooling Fans

OTHER

FDA / IEC Hazard Class IV
U.S. FDA Variance Required

CONTROL AND INTERFACE

X-Laser Mercury Integrated, 2.25" LCD w/ panel
Up to 8 Layers of Basic Builder Control
Profiles for all major console brands

EtherStop Combined Remote Stop
and Control Data in / thru

PowerCON in / thru

COLOR AND EFFECTS

Additive RGB Analog Color Mixing
1,000+ Colors
50 Color Macros
11 Digital Prisms
450+ "Gobos" / Digital Patterns Built-In
60 Motion Macros with variable speed and
amplitude

DIMENSIONS / PHYSICAL / MATERIALS

13" x 6.25" x 5" (330 mm x 159 mm x 127 mm)

21.0 lbs (9.52 kg) – Triton T-5

IP64 in both orientations (fans up / handle up)
Gasketed Seams (rope gaskets)
Weather-Sealed Recessed Keyswitch
Rugged 6061-T6 Aluminum Enclosure

Safety / Failsafes:

Shutter / Beam Block for both orientations
Mounts using standard stage clamps
Safety cable loops through front bumpers for
predictable upward tilt in case of rigging failure

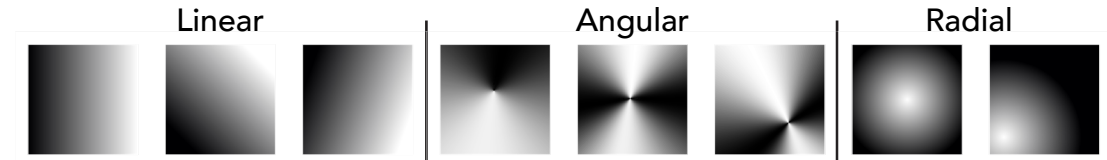


TRITON T-2 & T-5

COLORS, GOBOS, MERCURY FEATURES

COLOR CONTROL USING MERCURY

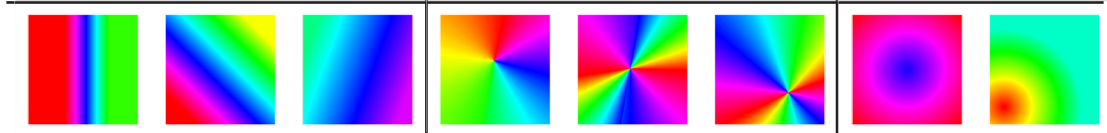
Gradients
Fade from one RGB color to another, fade distance and offset are controllable



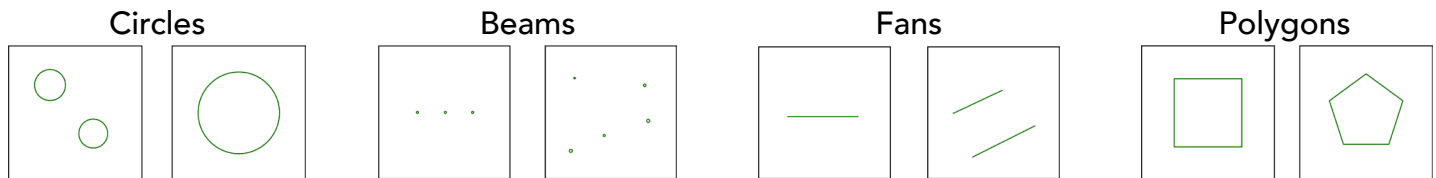
Bands
Alternate between 2 RGB colors, band sizes and transitions are controllable



Rainbows
Transition between 2 HSL colors through color wheel; transition offset, size and direction are controllable



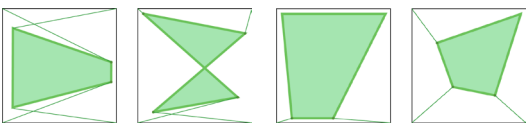
BUILT-IN MERCURY PATTERNS ("GOBOS")



...and dozens more

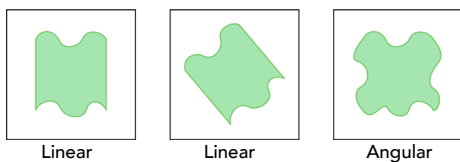
ZONING AND ZONE CORRECTION USING MERCURY

Facilities keystone, skew, offset, inversion and much more using 4 intuitive control points

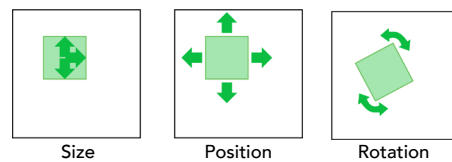


"GOBO" TRANSFORMATIONS AND EFFECTS USING MERCURY

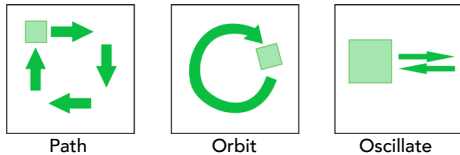
Wave Modulation



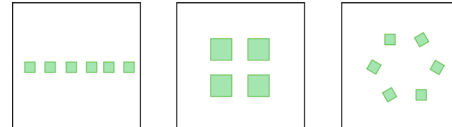
Geometric



Motion



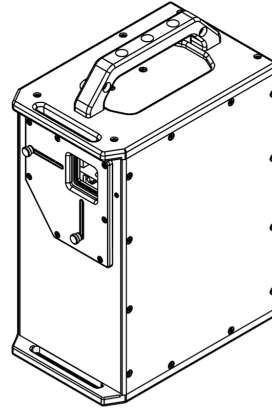
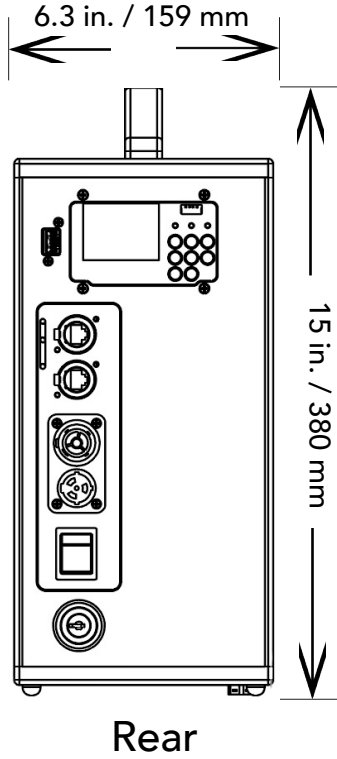
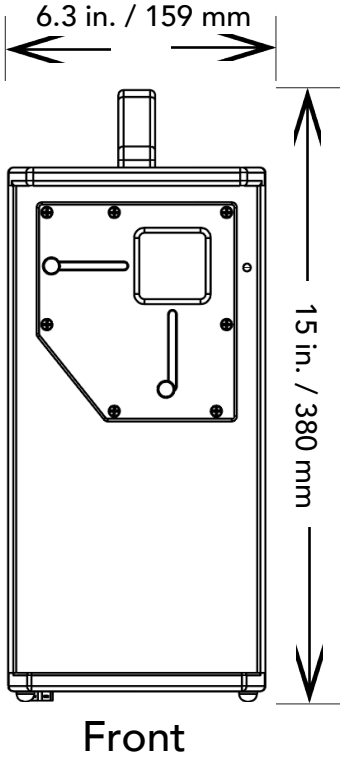
Prism



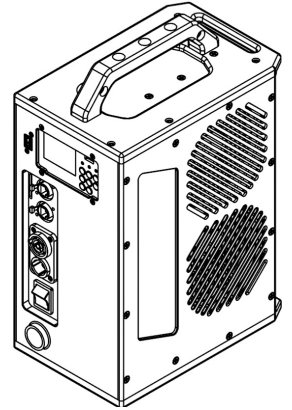


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UNIT DIMENSIONS



Front 3/4
Not to scale



Rear 3/4
Not to scale

