X-LASER

20W IP65 Laser Fixture
with Mercury Laser Control

TRITON T-20

INFO & SPECIFICATIONS

Top Features

- IP65 for the most demanding environments
- 20W of balanced, direct-diode RGB power
- 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, Art-Net, etc.
- Instant "gobo"/digital pattern changes and 30K scanners for smooth pattern motion
- 0.1° to 45° zoom range
- X-Laser's no-hassle 2-year warranty

The **Triton T-20** is X-Laser's versatile mid-range IP65 laser fixture, built for demanding outdoor events and permanent installations where brightness, durability, and accessibility all matter. Its 20W RGB direct-injection diode module delivers vibrant, high-impact color with the balanced output needed for festivals, custom installs, and touring environments alike.

Designed to be both tour-ready and designer-ready, the T-20 integrates seamlessly with the consoles professionals already rely on. With the Mercury Laser Control System integrated—enabling direct control with familiar protocols like sACN and Art-Net—designers can program the T-20 just like any top-brand moving light, gaining laser-specific effects without changing their workflow.

The T-20's 0.1°–45° zoom, instant effect motion, and digital gobo effects deliver impressive punch and versatility from a compact IP65 housing built to survive real-world weather and touring conditions. A quick-access service hood and clear 2.25" diagnostic LCD help crews troubleshoot fast, while its manageable weight and road case make it easy to transport.

Bringing together durability, vibrant output, and an effortless control experience, the **Triton T-20** is a powerful, reliable choice for outdoor shows and installations that need professional laser performance without the heft of higher-wattage models.

X-Laser USA | 9115H Whiskey Bottom Road | Laurel, MD 20723
866-702-7768 **sales@x-laser.com** www.x-laser.com

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SOURCE

20W Balanced RGB Laser Engine
Direct-Injection Diode Modules

Red: 638 nm
Green: 520 nm
Blue: 450 nm

6.5W red, 6.5W green, 8W blue

PHOTOMETRICS / OPTICS

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

Beam Divergence: <1.2 mRad

Fully Sealed Optical Deck

ELECTRICAL / THERMAL

90-246V AC Auto-Switching
Power draw: 400W peak
Neutrik PowerCON TRUE1

0° F to 105° F (-17° C to 41° C)

OTHER

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

CONTROL AND INTERFACE

X-Laser Mercury Integrated, 2.25" LCD panel
Fixture profiles for all major console brands

EtherStop Combined Remote Stop
and Control Data in / thru

PowerCON TRUE1 in / thru

RJ45 in / out (sACN, etc.)

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

15.6" L x 14.7" W x 8.0" H (13.8" H w/ yoke up)
(396 mm x 373 mm x 203 mm; 351mm yoke up)

Weight: 48 lbs (21.2 kg)

Rugged 6061 Aluminum Enclosure

IP Rating: IP65

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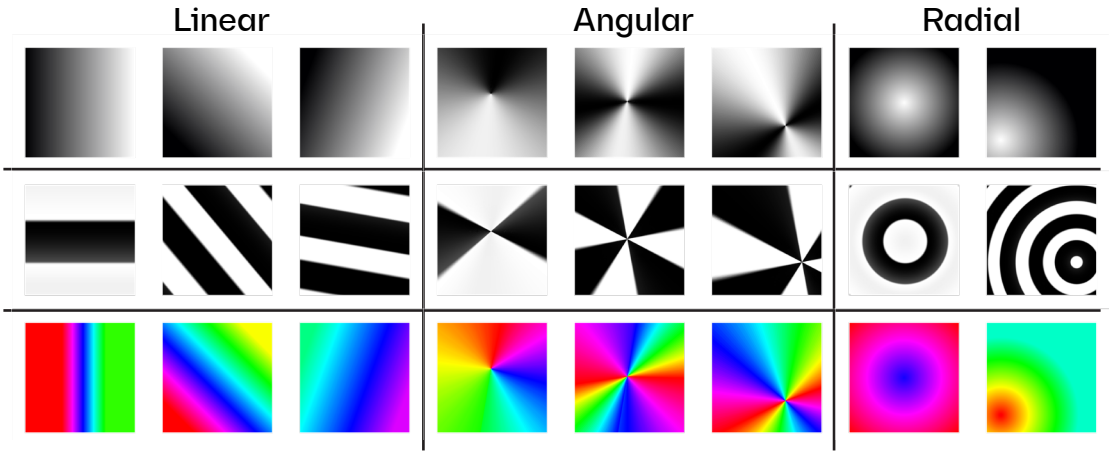
MERCURY FEATURES

COLOR CONTROL USING MERCURY

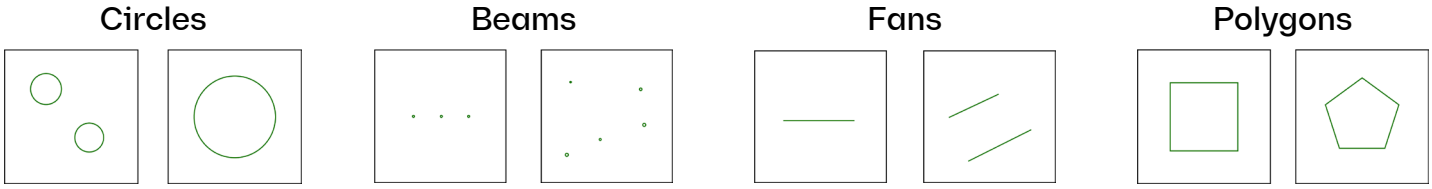
Gradients
Fade from one RGB color to another, fade distance and offset are controllable

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



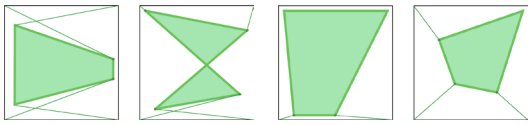
BUILT-IN MERCURY PATTERNS ("GOBOS")



...and dozens more

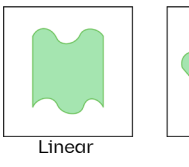
ZONING AND ZONE CORRECTION USING MERCURY

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

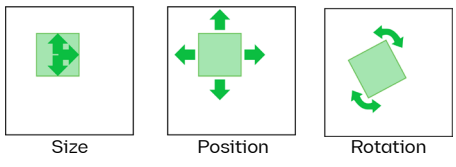


"GOBO" TRANSFORMATIONS AND EFFECTS USING MERCURY

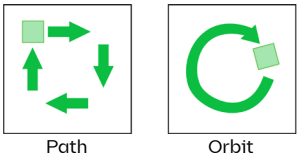
Wave Modulation



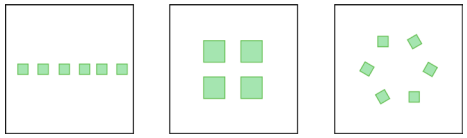
Geometric



Motion



Prism



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Fixture specifications subject to change.