



PROTEUS RADIUS



100W LILI (Laser Illuminated Lighting Instrument) light engine FX Fixture

DATA SHEET



KEY FEATURES

100W LILI (Laser Illuminated Lighting Instrument)

Light Engine

Compact and lightweight IP66 housing

Ultra Intense 0.9° Beam

Endless 360 Pan and Tilt Movements

CMY Color Mixing CMY

FX Package with rotating, fixed gobo, 4 prisms and frost

FIL (Foam In Lay) Polyurethane Foam Packaging Included

The **PROTEUS RADIUS** is an IP66-rated Laser Illuminated Lighting Instrument (LILI) that combines cutting-edge technology with a compact design. It uses a 100W light engine to project narrow, powerful beams that reach incredible distances with precision. Its standout feature is ultra-fast 360-degree continuous rotation on both axes, allowing for bold and dynamic beam animations. Add to that CMY color mixing, customizable gobos, prisms, and frost effects, and you have a versatile tool that empowers lighting designers to create stunning aerial visuals.

The PROTEUS RADIUS is available as a Class 1 Risk Group 2 Laser Product, meaning it requires no federal operator variance for use in the United States. Whether for concerts, competitions, or high-profile events, the PROTEUS RADIUS is built to deliver when it matters most.



CLASS 1 RISK GROUP 2 PRODUCT PER IEC 62471 - Devices classified as Class 1 Risk Group 2 present no photobiological hazard under normal operating conditions or reasonably foreseeable conditions of misuse.



Specifications are subject to change without notice ©Elation Professional 12/15/2025

Elation Professional USA | 6122 S. Eastern Ave. | Los Angeles, CA. 90040
323-582-3322 | 323-832-9142 fax | www.elationlighting.com | info@elationlighting.com

Elation Professional B.V. | Junostraat 2 | 6468 EW Kerkrade, The Netherlands
+31 45 546 85 66 | +31 45 546 85 96 fax | www.elationlighting.eu | info@elationlighting.eu



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SPECIFICATIONS

SOURCE

100W LILI (Laser Illuminated Lighting Instrument) Light Engine
6000K, CRI 70
10,000 Hour Lamp Life

*Test lab conditions. May vary depending on several factors including but not limited to: Environmental Conditions, Power/Voltage, Usage Patterns (On-Off Cycling), Control, and Dimming.

PHOTOMETRIC DATA

2700 Lumen Total Fixture Output
Beam Angle 0.9°

EFFECTS

Dual Frost
4 Prisms on Dual Planes
CMY Color, Gobo, Prism Macros
Motorized Focus
Digital Shutter and Strobe

COLOR

Full CMY Color Mixing System
25 Position Color Wheel

GOBOS

2 Gobo Wheels
13 Interchangeable-Rotating / Indexing Metal Gobos
24 Static-Stamped Metal Gobos

CONTROL / CONNECTIONS

2 DMX Channel Modes
(6) Button Touch Panel
Full Color 180° Reversible LCD Menu Display
DMX, RDM, Art-Net and sACN Protocol Support
IP65 5pin DMX In/Out
IP65 RJ45 Ethernet In/Out
IP65 Locking Power In

SIZE / WEIGHT

Length: 10.6" (270mm)
Width: 15.5" (395mm)
Height: 20.3" (516mm)
Weight: 45.0 lbs. (20.4kg)
Center-to-Center: 18.0" (456mm)

ELECTRICAL / THERMAL

AC 100-240V 50/60Hz
300W Max Power Consumption
-4°F to 113°F (-20°C to 45°C)

APPROVALS / RATINGS

CE | cETLus | IP66 | FCC



RISK GROUP 2 - Operators shall control access to the beam within the hazard distance of the fixture.



CLASS 1 LASER PRODUCT

This product is in conformity with performance standards for laser products under 21 CFR 1040, except with respect to those characteristics authorized by Variance Number FDA-2024-V5491 effective on December 5, 2024.



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GOBOS | COLORS | ANIMATION WHEEL

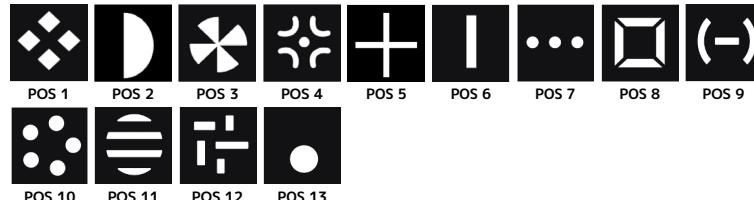
COLOR FLAGS



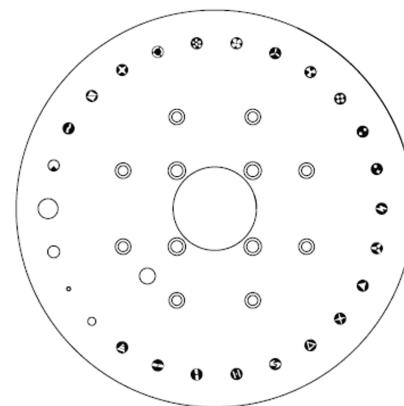
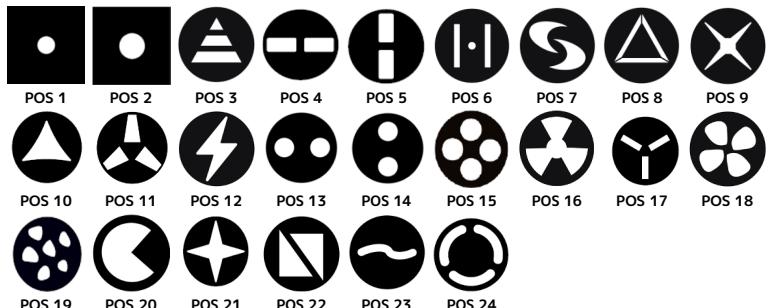
COLOR WHEEL



INTERCHANGEABLE ROTATING GOBO WHEEL1



FIXED GOBO WHEEL



ORDERING INFORMATION

PRD013	1237000272	PROTEUS RADIUS
TRIGGER CLAMP	1741000032	Heavy Duty Wrap Around Hook Style Clamp
STR527	N/A	5 ft. (1.5m) IP65 5pin XLR Cable
		Additional Cable Lengths Available



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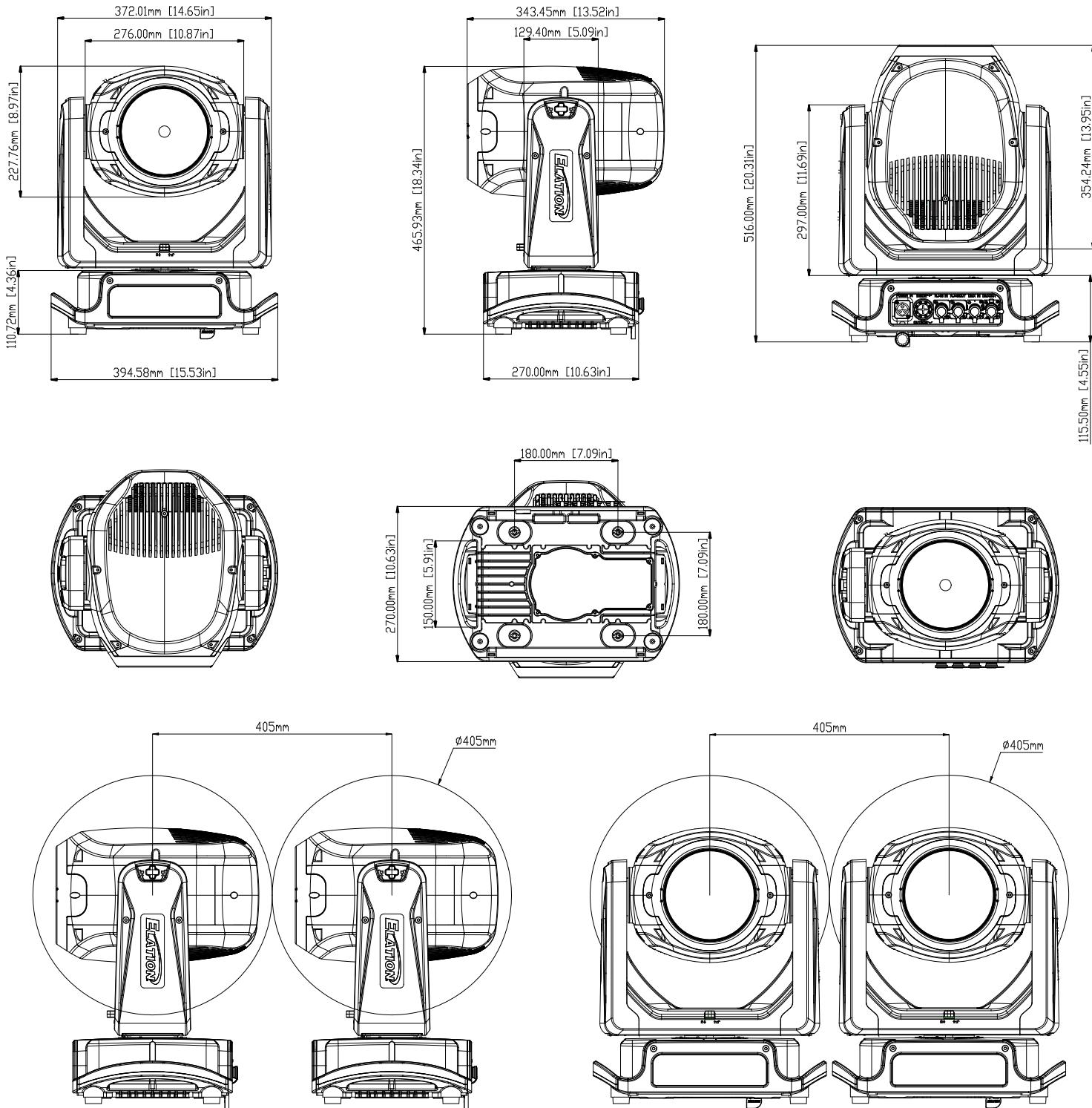


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UNIT DIMENSIONS



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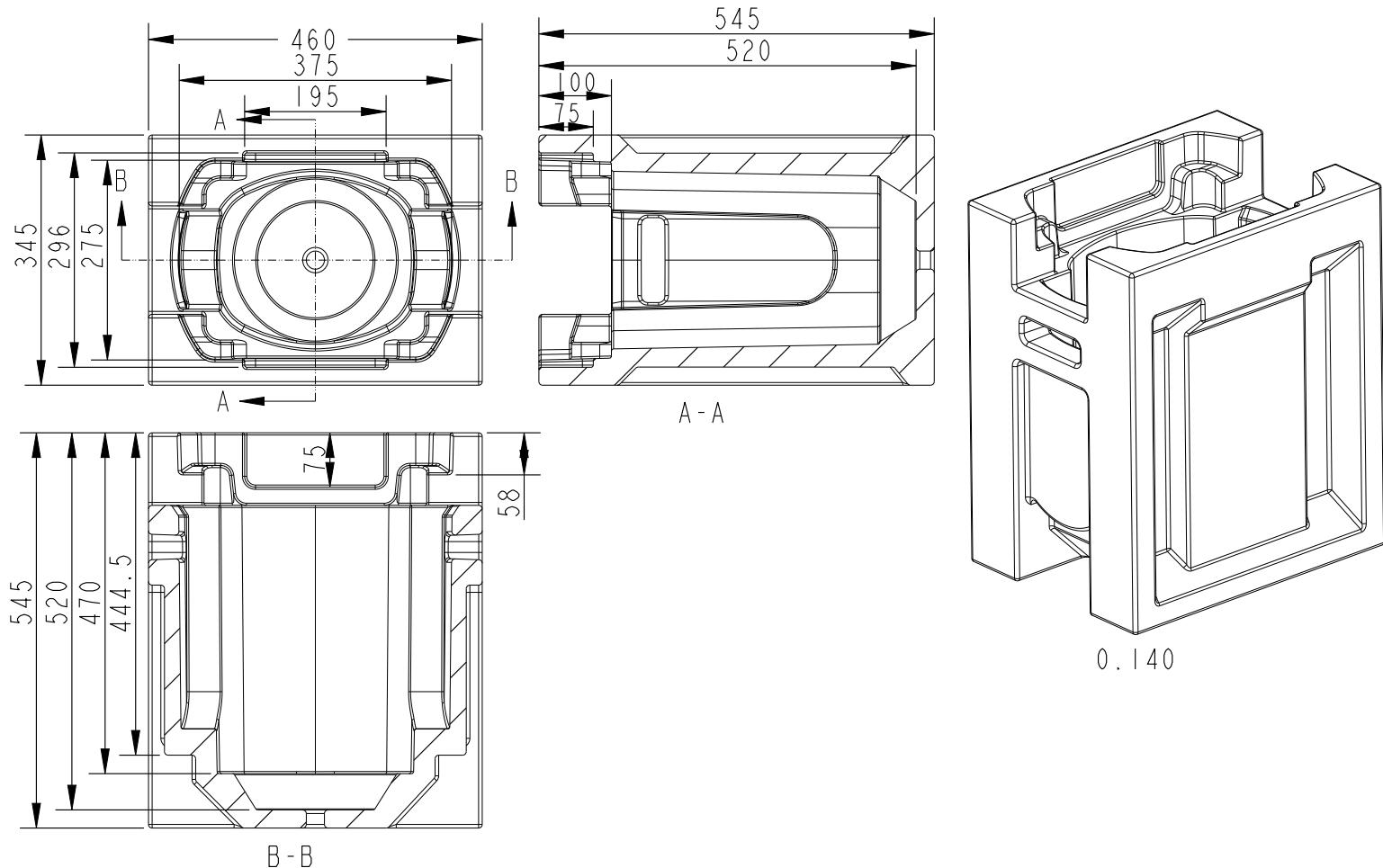
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ELATION
PROFESSIONAL

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FOAM IN-LAY DIMENSIONS



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