





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 States1. 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 - OPERATORS SHOULD CONTROL ACCESS TO THE BEAM WITHIN THE HAZARD DISTANCE OR INSTALL THE PRODUCT AT A POSITION THAT PREVENTS SPECTATORS' EYES FROM BEING EXPOSED WITHIN THE HAZARD DISTANCE OF 132 FEET/40 METERS.









SPECIFICATIONS

SOURCE

100W LILI Illuminated Lighting (Laser 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.

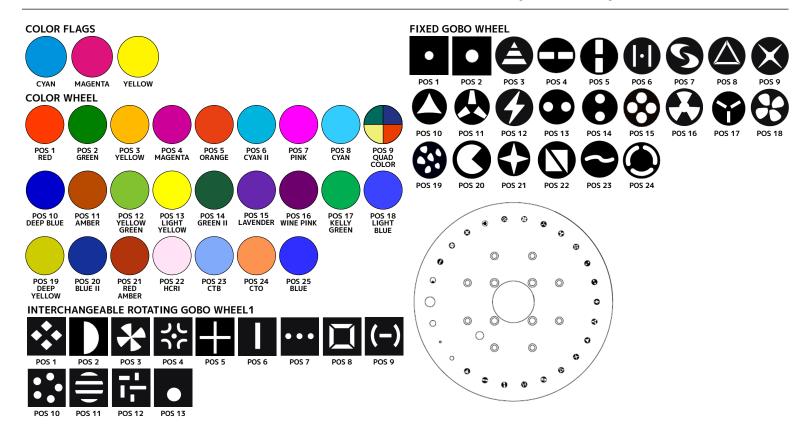








GOBOS | COLORS | ANIMATION WHEEL



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



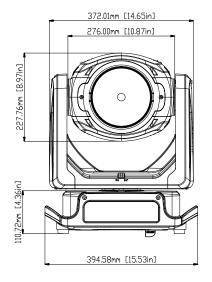


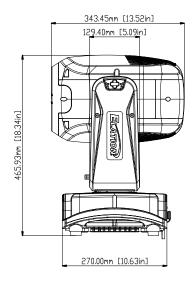


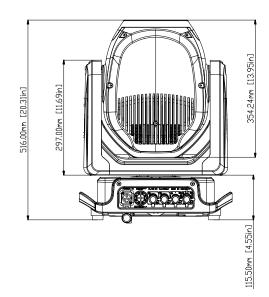


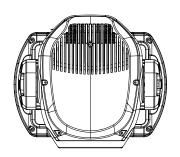


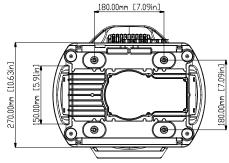
UNIT DIMENSIONS

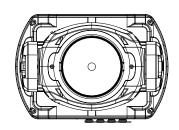


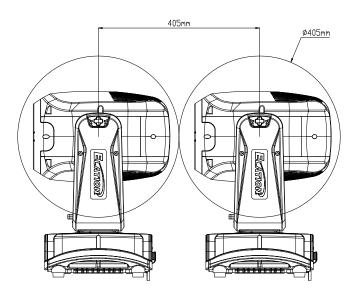


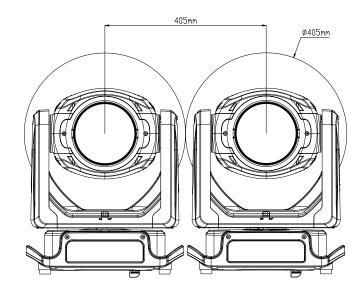




















FOAM IN-LAY DIMENSIONS

