



PROTEUS RAYZOR 1960™



The **PROTEUS RAYZOR 1960™** is a compact yet extremely powerful IP65 rated Wash Effects fixture featuring Elation's unique SparkLED™ system and fast continuous Pan and Tilt motion. With its wide zoom range from 5° to 55° it provides intense and well-defined mid-air beams at over 18.000 lumens as well as an exceptionally wide and even wash coverage, making it a perfect tool for any application, even in adverse outdoor conditions. SparkLEDs offer a prominent and innovative LED pixel effect with dedicated high brightness pixels inside the large front lenses for additional layers of creativity.

Driven by 19, independently controlled, 60W RGBW LEDs, delivering over 18.000 lumens of output with a total power of 1140W, the **PROTEUS RAYZOR 1960™** provides a powerful beam that stands out on any stage. The oversized front lenses create a large surface on the fixture that is enhanced by the exclusive patent pending SparkLEDs technology. SparkLEDs consists of 28 individual white LEDs, strategically placed inside the lens itself to create a unique additional layer, allowing designers access to a new and innovative way of creating interest on the stage. Proteus Rayzor 1960 offers this never seen before style of internal lens illumination for depth and visual impact. SparkLEDs are controllable by the lighting console or driven by a multitude of internal FX patterns.

In addition to its powerful wash and enhanced effects, the **PROTEUS RAYZOR 1960™** offers precise continuous pan & tilt rotation, allowing variable speed from slow to extremely fast movement effects. Combining the powerful LED output with the SparkLEDs while utilizing the 360° movement, allows the designer to create endless, unique and appealing designs from mid-air beams or wide stage washes to subtle effects for mood or the TV camera lens.

The **PROTEUS RAYZOR 1960™** ships in a cardboard box with a custom fitted polyurethane foam FIL (Foam In Lay) insert. This foam insert easily fits into a custom sized flight case (not included), and provides enhanced impact protection during transport.

FEATURES

- IP65 Rated LED Wash Effects Fixture
- 19x 60W OSRAM RGBW LED with Pixel Control
- 76x 2W SparkLED™ Effect with Pixel Control (patented)
- Extreme Zoom – 5.6° for mid-air beam to 44° for even washes
- Fast and precise 360° continuous Pan and Tilt rotation
- Beam FX and Smooth Wash fixture in a compact IP65 certified housing
- FIL (Foam In Lay) Polyurethane Foam Packaging Included



PRODUCT SPECIFICATIONS

SOURCE

(19) 60W Osram RGBW LEDs
 (76) 2W White SparkLED™
 50,000 Hour Average LED 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, Dimming, and Lamp Mode.

PHOTOMETRIC DATA

18,100 Total Lumen Output
 CRI 80
 Zoom Range 5° - 55°
 Beam Angle 5.6° - 53.5°
 Field Angle 7.8° - 71.1°

EFFECTS

Motorized Zoom
 Linear Color Temperature Presets (2700-8000K)
 RGBW Color Mixing and Pixel Control
 White SparkLED Lens Effect
 Color Presets and Macros
 Electronic Strobe and Variable Dimming Curves
 16-bit Dimming
 Pan Angle: 360° (continuous rotation) / 540°
 Tilt Angle: 360° (continuous rotation) / 270°

CONTROL / CONNECTIONS

3 DMX Channel Modes (25 / 100 / 176 channels)
 360° Continuous Pan and Tilt Movement
 DMX Adjustable Refresh Rate (900 -25000 Hz)
 (6) Button Touch Panel
 Full Color 180° Reversible LCD Menu Display
 RDM Support
 IP65 5pin XLR DMX In/Out
 IP65 RJ45 Ethernet In/Out (Art-Net, sACN)
 IP65 Locking Power Cable In

SIZE / WEIGHT

Length: 14.81 in (376.26mm)
 Width: 18.41 in (467.68mm)
 Height: 22.80 in (579.04mm)
 Weight: 73.0 lbs. (33.1kg)

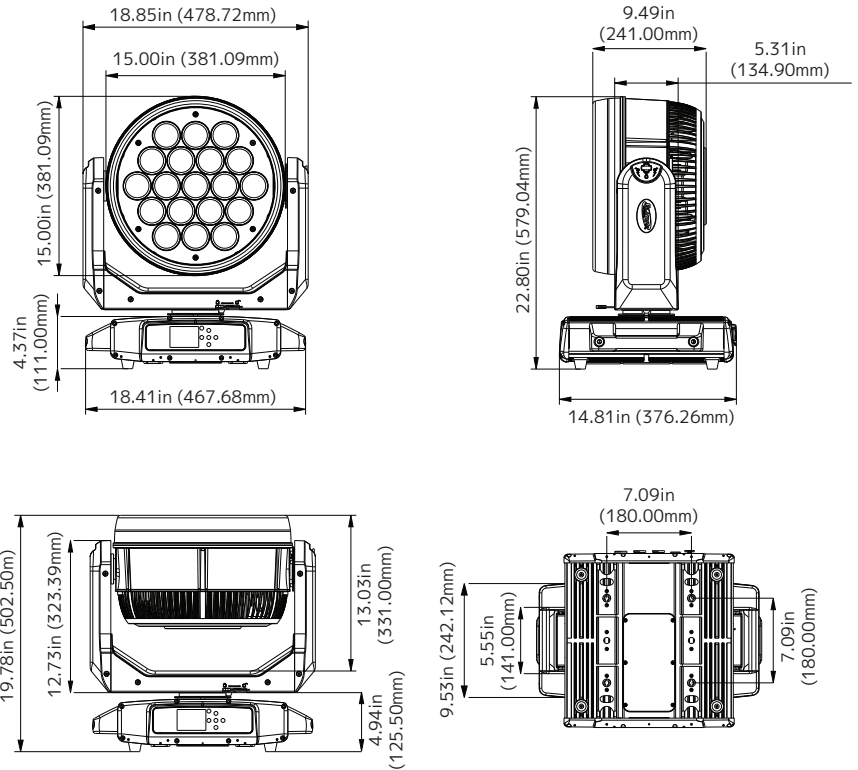
ELECTRICAL / THERMAL

AC 100-240V 50/60Hz
 1400W Max Power Consumption

APPROVALS / RATINGS

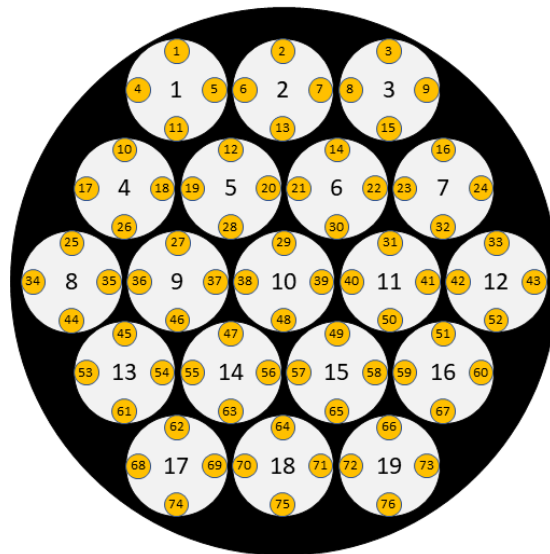
CE | cETLus | IP65

DIMENSIONS



*DRAWINGS NOT TO SCALE

RGBW / SparkLED PIXEL MAPPING



ORDERING INFORMATION

PRR196	Proteus Rayzor 1960 (US Sku)
1237000261	Proteus Rayzor 1960 (EU Sku)



FOAM IN LAY DIMENSIONAL DRAWINGS

The **Proteus Rayzor 1960™** fixture ships with a custom fitted polyurethane foam FIL (Foam In Lay) packaging insert, which easily fits into a custom sized flight case (not included), and provides enhanced impact protection during transport.

