

Rogue R1X Spot



A feature-packed 170W LED moving head spot fixture that delivers creative aerial effects and crisp gobo projections using a rotating prism, motorized iris, focus, and dual gobo wheels.

Perfectly suited for small to medium-sized venues, mobile productions, and houses of worship requiring dynamic beam shaping and custom gobo projection.

- Delivers high-impact projections from a powerful 170W LED source with a crisp 8847 K color temperature.
- Features dual gobo wheels, including one with 7 rotating and interchangeable gobos for custom looks.
- An 8-position color wheel provides split-color capability and continuous scrolling for dynamic color effects.
- A rotating 3-facet prism generates stunning aerial effects, enhanced by a motorized iris and focus.
- Offers flexible system integration with 3- and 5-pin DMX, RDM support, and powerCON® connections.
- Selectable PWM settings ensure flicker-free on-camera performance, ideal for broadcast and video applications.

SPECIFICATIONS

Optical

Light Source: 1 LEDs (CW) 170 W, (7.4 A), 8847 K, 50,000 hours life expectancy

Color Temperature (at full): 8847 K

Front lens diameter: 65 mm

CRI: 75.2

Beam Angle: 14°

Field Angle: 15.6°

Cutoff Angle: 15.9°

Lumens – Source: 12,000

Lumens – Output: 5,479

Illuminance (total): 4,388 lux @ 5 m

Selectable LED Power output: 50-100

Selectable PWM: 600 Hz, 1,200 Hz, 6,000 Hz, 15,000 Hz

Dynamic Effects

Pan and Tilt: 540°/250°

Pan and Tilt Ranges: 180°, 360°, 540° pan/90°, 180°, 250° tilt

Colors: 8 + white, split colors, continuous scroll at variable speeds

Gobos (1): 7 + open (7 metal), rotating, interchangeable, indexing, slot-n-lock, continuous scroll at variable speeds

Gobos (2): 8 + open (8 metal), continuous scroll at variable speeds

Gobo Size: Gobo Wheel 1 (rotating): Positions 1, 2, 3, 4, and 7 (metal); size: 26.9 mm (outside), 22.5 mm (image), 0.5 mm (max. thickness)

Gobo Size: Gobo Wheel 1 (rotating): Positions 5 and 6 (glass); size: 25 mm (outside), 23 mm (image), 3 mm (max thickness)

Dimmer: Electronic

Shutter/Strobe: Electronic

Focus: Motorized

Iris: Motorized

Prism: 3 Facets, motorized, rotating

Strobe Rate: 0 to 22 Hz

Move in Black: Yes

Construction / Physical

Dimensions (single unit): 11.10 x 14.20 x 17.60 in (282 x 360 x 447 mm)

Weight (single unit): 37.6 lb (17.1 kg)

Exterior Color: Black

Housing Material: High-impact flame-retardant polymer

Connections

Power Connection: Edison (Local) plug to Neutrik® powerCON®

Power Input: Neutrik® powerCON®

Power Output: Neutrik® powerCON®

Data Connectors: 3- and 5-pin XLR

Cable Length (power): 5 ft (1.5 m)

Control

Control Protocol: DMX, RDM

DMX Channels: 16 or 19

Modes/Personalities: 2 personalities (16, 19)

Electrical

Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)

Power Linking: 5 units @ 120 V; 8 units @ 208 V; 10 units @ 230 V

Power and Current: 303 W, 2.34 A @ 120 V, 60 Hz

Power and Current: 297 W, 1.35 A @ 208 V, 60 Hz

Power and Current: 299 W, 1.20 A @ 230 V, 50 Hz

Certifications / Qualifications

Certifications: CE, MET, FCC, UKCA

IP Rating: IP20, dry location

Optional Accessories

Professional Clamps: CTC-50HC, CTC-50HCN

Safety Cable: SC-07

DMX Cables

powerCON extension cables

UPLOAD 08 software uploader

What's Included

Rogue R1X Spot

Neutrik powerCON power cord

2 Omega brackets with mounting hardware