



Rogue R2X Spot

Rogue R2X Spot offers incredible value with a stunning range of colors and effects, all supported by professional quality engineering. Rogue R2X Spot builds on the features of the [R1X Spot](#) by adding gobo-morphing technology and two variable scrolling color wheels for an unlimited number of shape-changing and split-color effects. Rogue R2X Spot uses a powerful 300 W LED light source in a 16.5° beam angle for a brilliant light that creates an unparalleled audience experience.



At a Glance

- Intense 300 W LED light engine for punchy, bold beams
- Perfect gobo morphing between gobo wheels
- Two color wheels with 7 colors, split color ability, and continuous variable speed scrolling
- Two gobo wheels: one fixed slot scrolling wheel and one rotating, interchangeable, scrolling wheel
- Iris, 3-facet prism, and frost for beam control
- Beautiful 16-bit LED dimming for ultimate fade control
- Neutrik® powerCON® power input/output connections for power linking
- 3- and 5-pin DMX input/output connections
- RDM enabled for remote addressing and trouble shooting

- Selectable LED maximum output to match legacy Rogue R2 Spots
- Selectable PWM settings to maintain flicker-free operation on camera
- Simple and complex DMX channel profiles for programming versatility

Specifications

Optical

- Light Source: 1 LEDs (CW) 300 W, (8.7 amps), 7,836 K, 50,000 hours life expectancy
- CRI: 72
- Beam Angle: 16.5°
- Field Angle: 16.5°
- Lumens – Source: 23,000
- Lumens – Output: 11,000
- Illuminance (total): 9,187 lux @ 5 m
- Selectable PWM: 600 Hz, 1,200 Hz, 6,000 Hz, 15,000 Hz

Dynamic Effects

- Pan and Tilt: 540°/250°
- Pan and Tilt Ranges: 540°, 360°, 180° pan/250°, 180°, 90° tilt
- Colors (1): 7 + white, split colors, continuous scroll at variable speeds
- Colors (2): 7 + 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: 28.8 mm (outside), 23.8 mm (image), 0.5 mm (max. thickness)
- Gobo Size: Gobo Wheel 1 (rotating): Positions 5 and 6 (glass); size: 27 mm (outside), 24 mm (image), 3 mm (max. thickness)
- Framing Shutters: No
- Dimmer: Electronic
- Shutter/Strobe: Electronic
- Focus: Motorized
- Frost: Motorized
- Iris: Motorized
- Prism: 3 Facets, motorized, rotating
- Strobe Rate: 0 to 22 Hz
- Standalone Color Mixing: No
- Color Temperature Presets: No
- Move-in-Black: Yes

Construction / Physical

- Dimensions (single unit): 16.1 x 13.5 x 19.25 in (409 x 343 x 489 mm)
- Weight (single unit): 47.8 lb (21.7 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: 18 or 21
- Modes/Personalities: 2 personalities (18, 21)

Electrical

- Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)
- Power Linking: 3 units @ 120 V; 6 units @ 208 V; 7 units @ 230 V
- Power and Current: 517 W, 4.31 A @ 120 V, 60 Hz
- Power and Current: 427 W, 2.05 A @ 208 V, 60 Hz
- Power and Current: 437 W, 1.9 A @ 230 V, 50 Hz
- Breaker Size: F 7A, 250 V

Certifications / Qualifications

- CE, MET
- IP Rating: IP20, dry location
- Temperature (Ambient): -4 °F to 113 °F (-20 °C to 45 °C)

What's Included

- Rogue R2X Spot
- Neutrik powerCON power cord
- Omega bracket with mounting hardware

Optional Accessories

- Professional Clamps: CTC-50HC, CTC-50HCN
- Safety Cable: SC-07
- DMX Cables
- powerCON extension cables