



Rogue R3 Spot

A feature-packed moving spot with a bright 300W LED light engine that delivers intense output and stunning looks using rotating gobos, a split-color wheel, a three-facet prism, and a wide zoom range.

Its flexibility and value make it an ideal workhorse for rental inventories, theatrical productions, and any event space needing to cover large areas.

- Produces an even field of light from a powerful 300W cool white LED engine.
- Features dual gobo wheels, one rotating and one static, for seamless morphing effects.
- Expands color possibilities with two separate wheels, both offering split-color capabilities.
- Offers precise beam control using an integrated iris, 3-facet prism, and frost filter.
- Ensures flicker-free on-camera operation with selectable PWM and smooth 16-bit dimming.
- Simplifies setup with Neutrik® powerCON® I/O and both 3-pin and 5-pin DMX ports.

SPECIFICATIONS

Optical

Light Source: 1 LED (CW) 300 W, (8.8 A), 8324 K, 50,000 hours life expectancy.

Color Temperature (at full): 8324 K

Front lens diameter: 104 mm

CRI: 73.1

Beam Angle: 12° to 36°

Field Angle: 13° to 37°

Cutoff Angle: 15.5° to 42.5°

Zoom Range: 11.9° to 42.5°

Lumens - Source: 23,000

Lumens - Output: 12,800

Illuminance (14.9°): 12,997 lux @ 5 m

Illuminance (39.5°): 1,803 lux @ 5 m

Selectable PWM: 600 Hz, 1,200 Hz, 2,000 Hz, 4,000 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 (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)

Dimmer: Electronic

Shutter/Strobe: Electronic

Zoom: Motorized

Focus: Motorized

Frost: Motorized

Iris: Motorized

Prism: 3 Facets, motorized, rotating

Strobe Rate: 0 to 22 Hz

Move in Black: Yes

Construction / Physical

Dimensions: 14.68 x 11.1 x 23.66 in (373 x 282 x 601mm)

Weight: 50 lb (22.7 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: 19 or 25

Modes/Personalities: 2 personalities (19, 25)

Electrical

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

Power Linking: 2 units @ 120 V; 4 units @ 208 V; 5 units @ 230 V

Power and Current: 529 W, 4.48 A @ 120 V, 60 Hz

Power and Current: 520 W, 2.45 A @ 208 V, 60 Hz

Power and Current: 521 W, 2.22 A @ 230 V, 50 Hz

Certifications / Qualifications

Certifications: CE, MET, FCC, UKCA

IP Rating: IP20, dry location

Temperature (Ambient): -4 °F to 113 °F (-20 °C to 45 °C)

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 R3 Spot

Neutrik powerCON power cord

2 Omega brackets with mounting hardware