



## Rogue R3E Spot

A compact and lightweight 350W LED moving yoke spot that provides a wide zoom range and a complete effects package, including dual gobo and color wheels, a rotating prism, motorized iris, and frost.

Perfect for rental houses, touring productions, and installations in clubs or theaters seeking a versatile, feature-rich spot fixture that can integrate with existing lighting rigs.

- Features selectable LED output to match the brightness of legacy Rogue R1X Spot fixtures.
- Provides a wide zoom range of 8.4° to 42.8° for flexible beam and wash applications.
- Creates seamless gobo morphing effects using one rotating and one static gobo wheel.
- Offers an expanded color palette with two wheels, featuring eight colors, white, and split-color ability.
- Supports DMX and RDM protocols with 3-pin and 5-pin connectors for flexible system integration.
- Ensures flicker-free on-camera performance with selectable Pulse Width Modulation (PWM) settings.

### SPECIFICATIONS

#### Optical

**Light Source:** 1LEDs (CW) 350 W, (5 A), 8527 K, 50,000 hours life expectancy.

**Front lens diameter:** 90mm

**CRI:** 68.2

**Beam Angle:** 8.4° to 33°

**Field Angle:** 10.1° to 39.3°

**Cutoff Angle:** 11.5° to 42.8°

**Zoom Range:** 8.4° to 42.8°

**Lumens – Source:** 24,500

**Lumens – Output:** 15,705

**Illuminance (7°):** 35,405 lux @ 5 m

**Illuminance (42.8°):** 2,492 lux @ 5 m

**Selectable PWM:** 600 Hz, 1,200 Hz, 2000 Hz, 4000 Hz, 6,000 Hz, 15,000 Hz

#### Dynamic Effects

**Pan and Tilt:** 540°/270°

**Pan and Tilt Ranges:** 180°, 360°, 540° pan/90°, 180°, 270° tilt

**Colors (1):** 8 + white, split colors, continuous scroll at variable speeds

**Colors (2):** 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); size: 20 mm (outside), 16 mm (image), 1.5 mm (max. thickness)

**Gobo Size:** Gobo Wheel 2 (static); size: 24 mm (outside), 16 mm (image), 0.6 (max. thickness)

**Dimmer:** Electronic

**Shutter/Strobe:** Electronic

**Zoom:** Motorized

**Focus:** Motorized

**Frost:** Motorized

**Iris:** Motorized

**Prism:** 3 Facets, motorized, rotating

**Strobe Rate:** 0 to 25 Hz

**Move in Black:** Yes

## Construction / Physical

**Dimensions:** 13.77 x 9.44 x 23.03 in (350 x 240 x 585 mm)

**Weight:** 34 lb (15.4 kg)

**Exterior Color:** Black

**Housing Material:** Aluminum die-cast, High-impact flame-retardant polymer, Steel

**Software update:** USB-C

## Connections

**Power Connection:** Edison (local) plug to Seetronic Powerkon IP65

**Power Input:** Seetronic Powerkon IP65

**Power Output:** Seetronic Powerkon IP65

**Data Connectors:** 3- and 5-pin XLR

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

**Software Connection:** USB-C

## 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:** 4 units @ 120 V; 8 units @ 208 V; 8 units @ 230 V; 9 units @ 240 V

**Power and Current:** 535 W, 4.541 A @ 120 V, 60

**Power and Current:** 522 W, 2.576 A @ 208 V, 60 Hz

**Power and Current:** 523 W, 2.345 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)

**Noise Level (Idle):** 4.1 dB(A) @ 1 m

**Noise Level (Max):** 35.0 dB(A) @ 1 m

**Noise Level (Auto):** 33.3 dB(A) @ 1 m

**Noise Level (Eco):** 31.2 dB(A) @ 1 m

**Noise Level (Full):** 40.2 dB(A) @ 1 m

## Optional Accessories

Clamps

Neutrik powerCON cables

Neutrik etherCON cables

DMX Cables

Flight Cases

## What's Included

Rogue R3E Spot

Seetronic PowerKon power cord

2 140D Omega brackets with mounting hardware