

# Rogue R1 BeamWash



A compact and versatile moving head that projects both a punchy beam and a wide wash, featuring seven 40W RGBW LEDs and an expansive zoom range for seamless transitions between tight aerial effects and broad coverage.

Its lightweight design and flicker-free camera operation make it an excellent choice for mobile productions, broadcast studios, and event stages where space and versatility are critical.

- Houses a custom-designed optical system for superior color blending and sharp beam effects.
- Offers a motorized zoom from a tight 3.4° beam to a wide 67.7° wash.
- Delivers exceptionally fast and fluid pan and tilt movement for dynamic lighting displays.
- Includes a user-selectable calibrated white at 7500 K and a tungsten emulation mode.
- Features RDM for remote addressing and flexible DMX channel profiles for versatile programming.
- Provides selectable PWM settings and 16-bit dimming for smooth, flicker-free camera use.

## SPECIFICATIONS

### Optical

**Light Source:** 7 LEDs (quad-color RGBW) 40 W, (980 mA), 50,000 hours life expectancy

**Color Temperature (range):** 2800 to 10000 K

**Beam Angle:** 4° to 37.8°

**Field Angle:** 5° to 58.2°

**Cutoff Angle:** 5.5° to 67.7°

**Zoom Range:** 3.4° to 67.7°

**Lumens – Source:** 5,400

**Lumens – Output:** 3,967 Wide

**Illuminance (5°):** 13,939 lux @ 5 m

**Illuminance (55°):** 383 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°/230°

**Pan and Tilt Ranges:** 180°, 360°, 540° pan/90°, 180°, 230° tilt

**Dimmer:** Electronic

**Shutter/Strobe:** Electronic

**Zoom:** Motorized

**Strobe Rate:** 0 to 20 Hz

**Standalone Color Mixing:** Yes

**Color Temperature Presets:** Yes

**Dim Curves:** 4

**Built-in Automated Programs:** Yes

**Customizable Programs:** No

**Recall Custom Programs:** No

### Construction / Physical

**Dimensions:** 8.42 x 6.29 x 14.52 in (214 x 160 x 369 mm)

**Weight:** 11.8 lb (5.35 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:** 5-pin XLR

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

### Control

**Control Protocol:** DMX

**DMX Channels:** 14, 15, 19 or 21

**Modes/Personalities:** 4 personalities (14, 15, 19, 21)

### Electrical

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

**Power Linking:** 5 units @ 120 V; 8 units @ 208 V; 9 units @ 230 V

**Power and Current:** 285 W, 2.38 A @ 120 V, 60 Hz

**Power and Current:** 284 W, 1.37 A @ 208 V, 60 Hz

**Power and Current:** 284 W, 1.23 A @ 230 V, 50 Hz

### Certifications / Qualifications

**Certifications:** CE, MET

**IP Rating:** IP20, dry location

## Optional Accessories

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

Safety Cable: SC-07

Neutrik® powerCON® cables

DMX Cables

Flight Case: CP6CASER1W

UPLOAD 08 software uploader

## What's Included

Rogue R1 BeamWash

Neutrik® powerCON® power cord

Omega bracket with mounting hardware