



GALLERY



RUSH Scanner 1 LED

The RUSH Scanner 1 LED is designed to enable lighting designers to boost the wow factor and energize crowds with high-speed mid-air looks in a variety of entertainment venues and nightclubs.

This fixture delivers high output via sharp optics and is packed with eye-catching effects. With its high-speed pan and tilt capabilities, the RUSH Scanner 1 LED is ideal for creating dramatic atmospheres and boosting energy levels on cruise ships, in dance clubs and other nightlife venues.

Compact size, low weight, rugged construction and long-life LEDs also make the RUSH Scanner 1 LED a favorite for rental companies seeking to produce once-in-a-lifetime memorable events through powerful, dynamic lighting effects.

Powerful 90 W white LED engine

Breathtakingly fast pan and tilt

Rich, dynamic feature set including two color wheels, two gobo wheels and rotating prism

FEATURES

- High-power, long-life 90 W white LED engine
- Effects include two gobo wheels, two color wheels and a 3-facet prism
- Sharp projections with motorized focus
- DMX control and standalone operation
- Auto trig and music trig standalone modes
- Compact size and rugged construction

TECHNICAL SPECIFICATIONS

Physical

Length: 588 mm (23.1 in.)

Width: 303 mm (11.9 in.)

Height: 193 mm (7.6 in.)

Weight: 9.6 kg 21.1 lbs.)

Dynamic Effects

Color wheel 1: 8 colors plus open, rotation with variable direction and speed

Color wheel 2: 8 colors (incl. 1 x UV, 2 x CTC) plus open, rotation with variable direction and speed

Rotating gobo wheel: 6 rotating/indexing gobos plus open

Fixed gobo wheel: 7 gobos plus open

Electronic 'shutter' effect: Strobe, pulse effects, instant open and blackout

Prism: Indexing and rotation with variable direction and speed

Focus: Motorized

Electronic dimming: 0 - 100%, four dimming curve options

Pan: 170°, coarse & fine control

Tilt: 75°, coarse & fine control

Control and Programming

Control options: DMX, standalone, synchronized master/slave

DMX channels: 16

Standalone trigger options: Sound activation (music trig), auto trig

Standalone sequences: 9 pre-programmed shows

Standalone memory: 20 scenes

Music trig sensitivity: Adjustable

Setting and addressing: Control panel with backlit LCD display

DMX compliance: USITT DMX512/1990

Optics

Light source: 90 W LED engine
Minimum LED lifetime: 30 000 hours (to >70% luminous output)*
Rotating gobo size: 24 mm (0.94 in.)
Rotating gobo image size: 20 mm (0.79 in.)

**Figure obtained under manufacturer's test conditions:*

Construction

Color: Black

Housing: High-impact flame-retardant thermoplastic

Protection rating: IP20

Installation

Mounting points: Adjustable bracket, surface or truss mount

Location: Indoor use only, must be fastened to surface or structure

Orientation: Any

Connections

AC power in/thru: Neutrik PowerCon

DMX data in/out: 3-pin and 5-pin locking XLR

Electrical

AC power: 100-240 V nominal, 50/60 Hz

Power consumption: 168 W

Typical half-cycle RMS inrush current at 240 VAC: 10 A

Fuse: T 6.3 A

Power supply unit: Auto-ranging electronic switch mode

Typical Power and Current

100 V, 60 Hz: 1.7 A, 170 W, PF 0.997

120 V, 60 Hz: 1.4 A, 165 W, PF 0.994

230 V, 50 Hz: 0.7 A, 162 W, PF 0.937

Figures obtained at nominal voltage. Figures are typical, not maximum, allow for +/- 10% variation

Thermal

Cooling: Forced air

Maximum ambient temperature (Ta max.): 40° C (104° F)

Minimum ambient temperature (Ta min.): 0° C (32° F)

Total heat dissipation (calculated, +/- 10%, at full intensity): 570 BTU/hr.

Approvals

EU safety: EN 60598-2-17 (EN 60598-1), EN 62471, EN 62493

EU EMC: EN 55015, EN 55103-1, EN 55103-2, EN 61000-3-2, EN 61000-3-3, EN 61547

US safety: UL 1573

US EMC: FCC Part 15 Class B

Canadian safety: CSA C22.2 No. 166

Canadian EMC: ICES-003 Class A

Australia/NZ: RCM

Included Items

Power cable, 6 A, 18 AWG, 0.75 mm², UL- listed, H05VV-F, 1.5 m, without mains plug

Mounting bracket

Accessories

Cables, 16 A, for connection to power in chains

Power input cable, 14 AWG, UL, SJT, 1.5 mm², H05VV-F, with PowerCon input connector, 3 m (9.8 ft.): P/N 11541508

Power relay cable, 14 AWG, UL, SJT, 1.5 mm², H05VV-F, with PowerCon connectors, 1.4 m (4.6 ft.): P/N 11541509

Power relay cable, 14 AWG, UL, SJT, 1.5 mm², H05VV-F, with PowerCon connectors, 2.25 m (7.4 ft.): P/N 11541510

Power relay cable, 14 AWG, UL, SJT, 1.5 mm², H05VV-F, with PowerCon connectors, 3.25 m (10.7 ft.): P/N 11541511

Power connectors

Neutrik PowerCon NAC3FCA power input connector, cable mount, blue: P/N 05342804

Neutrik PowerCon NAC3FCB power output connector, cable mount, light grey: P/N 05342805

Installation hardware

Half-coupler rigging clamp: P/N 91602005

Safety cable, SWL 60 kg, BGV C1 / DGUV 17, black: P/N 91604006

Safety cable, SWL 60 kg, BGV C1 / DGUV 17, silver: P/N 91604007

Related Items

RUSH™ Software Uploader 1: P/N 91611399

Ordering Information

RUSH™ Scanner 1 LED in cardboard box: P/N 90480120

