LIGHT PUB

MARKETING
LUMIERE

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

GALLERY

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