

Tech Spec Martin Rush FiberSource 1



- 78 W LED fiber projector
- 9 interchangeable colors
- 0-100% electronic intensity control

Features

- 78 W LED fiber projector
- 9 interchangeable colors
- 0-100% electronic intensity control
- Twinkle effect wheel
- DMX or stand-alone control
- Up to 300 fiber cables (1 mm)

Tech Specs

Physical Length: 305 mm (12.0 in.) Width: 210 mm (8.3 in.) Height: 200 mm (7.9 in.) Weight: 7.6 kg (16.8 lbs.)

Dynamic Effects Color wheel: 9 interchangeable filters + open, indexing, continuous rotation Twinkle effect: Continuous rotation, variable speed and direction Dimmer: 0 - 100% continuous dimming

Control and Programming Control options: DMX, standalone, master/slave DMX channels: 5 Standalone programming: DIP switch Settings and DMX addressing: DIP switch DMX compliance: USITT DMX512/1990
Optics Light source: CREE 78 W LED Color temperature: 6000–7000 K CRI (color rendering index): >70 Minimum LED lifetime: 35 000 hours (to >70% luminous output)** Figure obtained under test conditions
Construction Color: Black (RAL 9005) Housing: Steel and aluminum Protection rating: IP20
Installation Mounting points: Four rubber-mounting grommets, two Ø13 mm holes for rigging clamps Location: Indoor use only, must be fastened to surface or structure Minimum distance to combustible materials: 0.2 m (7.9 in.) Minimum clearance around fans and vents: 0.1 m (4.0 in.) Orientation: Any

Connections AC power in/out: Neutrik PowerCon DMX data in/out: 3-pin and 5-pin locking XLR

Electrical AC power: 100-240 V, 50/60 Hz Power supply unit: Auto-ranging electronic switch-mode
Typical Power and Current 110 V, 60 Hz: 0.8 A, 87 W, PF 0.986 230 V, 50 Hz: 0.5 A, 86 W, PF 0.909 Measurements made at nominal voltage. Allow for a deviation of +/- 10%.
Thermal Cooling: Forced air (regulated, low noise) Maximum ambient temperature (Ta max.): 40° C (104° F) Minimum ambient temperature (Ta min.): 5° C (41° F) Maximum surface temperature, steady state, at 40° C ambient: 50° C (122° F)

Approvals EU Safety: EN 60598-2-1 EU EMC: EN 55015, EN 55032, EN 55103-2, EN 61547 US Safety: ANSI/UL 1598 US EMC: 47 CFR Part 15 Class A Canadian Safety: CSA C22.2 No. 250.0 Australia/NZ: C-TICK N4241
Included Items Power cable, 1.5 m (4.9 ft.), without mains plug: Color filter M05, blue 108L w. adaptor: Color filter M05, yellow 603L w. adaptor: Color filter M05, green 206L w. adaptor: Color filter M05, red 308L w. adaptor:

Accessories Filters Color filter M05, green 202L w. adaptor: P/N 62327931 Color filter M05, blue 111L w. adaptor: P/N 62327928 Color filter M05, blue 101L w. adaptor: P/N 62327929 Color filter M05, cyan 401L w. adaptor: P/N

62327930Color filter M05, yellow 604L w. adaptor: P/N 62327932Color filter M05, red 301L w. adaptor: P/N 62327933Color filter M05, pink 312L w. adaptor: P/N 62327934Color filter M05, purple 502L w. adaptor: P/N 62327936Color filter M05, green 204L w. adaptor: P/N 62327937Color filter M05, orange 306L w. adaptor: P/N 62327938Cables, 16 A, for connection to power in chainsPower input cable, 14 AWG, UL, SJT, 1.5 mm², H05VV-F, with PowerCon input connector, 3 m (9.8 ft.): P/N 11541508Power relay cable, 14 AWG, UL, SJT, 1.5 mm², H05VV-F, with PowerCon connectors, 1.4 m (4.6 ft.): P/N 11541509Power relay cable, 14 AWG, UL, SJT, 1.5 mm², H05VV-F, with PowerCon connectors, 2.25 m (7.4 ft.): P/N 11541510Power relay cable, 14 AWG, UL, SJT, 1.5 mm², H05VV-F, with PowerCon connectors, 3.25 m (10.7 ft.): P/N 11541511Power connectorsNeutrik PowerCon NAC3FCA power input connector, cable mount, blue: P/N 05342804Neutrik PowerCon NAC3FCB power output connector, cable mount, light grey:P/N 05342805Installation hardwareHalf-coupler clamp: P/N 91602005G-clamp (vertical suspension only): P/N 91602003Quick-trigger clamp (vertical suspension only): P/N 91602007

Ordering InformationRUSH FiberSource 1™ in cardboard box: P/N 90280070

