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# RUSH FiberSource 1

A highly anticipated update to the FiberSource QFX 150, the new RUSH FiberSource 1 is a powerful tool for illuminating fiber optic cables in permanent installations. With a new 78 W LED fiber projector, the RUSH FiberSource 1 boasts improved efficiency and reliability while retaining all the key features of its predecessor, such as nine interchangeable colors, a twinkle effects wheel, electronic dimming and DMX/stand-alone control.

78 W LED fiber projector

9 interchangeable colors

0-100% electronic intensity control

## GALLERY



## 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)

## TECHNICAL SPECIFICATIONS

### 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 62327930

Color filter M05, yellow 604L w. adaptor: P/N 62327932

Color filter M05, red 301L w. adaptor: P/N 62327933

Color filter M05, pink 312L w. adaptor: P/N 62327934

Color filter M05, purple 502L w. adaptor: P/N 62327936

Color filter M05, green 204L w. adaptor: P/N 62327937

Color filter M05, orange 306L w. adaptor: P/N 62327938

##### Cables, 16 A, for connection to power in chains:

Power input cable, 14 AWG, UL, SJT, 1.5 mm<sup>2</sup>, H05VV-F, with PowerCon input connector, 3 m (9.8 ft.): P/N 11541508

Power relay cable, 14 AWG, UL, SJT, 1.5 mm<sup>2</sup>, H05VV-F, with PowerCon connectors, 1.4 m (4.6 ft.): P/N 11541509

Power relay cable, 14 AWG, UL, SJT, 1.5 mm<sup>2</sup>, H05VV-F, with PowerCon connectors, 2.25 m (7.4 ft.): P/N 11541510

Power relay cable, 14 AWG, UL, SJT, 1.5 mm<sup>2</sup>, 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 clamp: P/N 91602005

G-clamp (vertical suspension only): P/N 91602003

Quick-trigger clamp (vertical suspension only): P/N 91602007

##### Ordering Information

RUSH FiberSource 1™ in cardboard box: P/N 90280070

