

RUSH™

by Martin

RUSH FiberSource 1™



**PRODUCTS RELY ON
PASSIONATE PEOPLE**

MEET YOUR NEW COMPANION

RUSH FiberSource 1™

As the latest introduction to the RUSH by Martin family and 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.

Preliminary 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.)

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*

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

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.)

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

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)

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, Ta=40° C: 50° C (122° F)

Approvals

EU Safety: EN 60598-2-1
EU EMC: EN 55015, EN 55032, EN 55103-2, EN 61547
US Safety (pending): ANSI/UL 1598
US EMC: FCC Part 15 Class A
Canadian Safety (pending): 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

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, green 202L w. adaptor: P/N 62327931
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, magenta 507L w. adaptor: P/N 62327935
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

Ordering Information

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

Specifications are subject to change without notice.

For the latest product specifications, see www.martin.com

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About Martin Professional

As a world leader in the creation of dynamic lighting solutions for the entertainment, architectural, and commercial sectors, Martin lighting and video systems are renowned the world over. Martin also offers a range of advanced lighting controllers and media servers, as well as a complete line of smoke machines as a complement to intelligent lighting. Martin operates the industry's most complete and capable distributor network with local partners in nearly 100 countries. Founded in 1987 and based in Aarhus, Denmark, Martin is the lighting division of global infotainment and audio company HARMAN International Industries.

For more information please visit



HARMAN (www.HARMAN.com) designs, manufactures and markets a wide range of audio and infotainment solutions for the automotive, consumer and professional markets – supported by 15 leading brands, including AKG®, Harman Kardon®, Infinity®, JBL®, Lexicon® and Mark Levinson®. The Company is admired by audiophiles across multiple generations and supports leading professional entertainers and the venues where they perform. More than 25 million automobiles on the road today are equipped with HARMAN audio and infotainment systems. HARMAN's highly competent workforce is employed across the Americas, Europe and Asia.