

RUSH MH 6 Wash

COMPACT SINGLE LENS WASH
LIGHT WITH RGBW COLOR MIXING



SPECIFICATIONS

PHYSICAL

Length: 290 mm (11.4 in.)

Width: 189 mm (7.4 in.)

Height: 360 mm (14.2 in.)

Weight: 7.1 kg (15.7 lbs.)

DYNAMIC EFFECTS

Electronic shutter effect: Instant open and blackout

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

Strobe and pulse effects: Variable speed and action, random strobe

Color mixing: RGBW

Color presets: 36 color presets plus full white, 'color wheel' effects

Zoom: Motorized

Pan: 540°

Tilt: 200°

CONTROL AND PROGRAMMING

Control options: DMX

16-bit fine control: Dimming, pan and tilt

White balance control: RGB adjustment

DMX channels: 14

DMX address setting: Control panel with LCD display

DMX compliance: USITT DMX512/1990

OPTICS

Zoom range: 10° - 60°

Light source: 12 x 10 W RGBW Osram Ostar LEDs

Minimum LED lifetime: 50,000 hours (to >70% luminous output)*

*Figure obtained under manufacturer's test conditions.

ELECTRICAL

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

Power supply unit: Auto-ranging electronic switch mode

Fuse: T 3.15 A

Typical half-cycle RMS inrush current: 11.3 A (at 240 VAC)

Recommended Miniature Circuit Breaker: Type D*

*Per IEC 60898/UL489/CSA C22.2 No. 5

Power consumption figures are typical, not maximum. Allow for +/-10% variation.

TYPICAL POWER AND CURRENT

120 V, 60 Hz: 1.3 A, 150 W, PF 0.99

230 V, 50 Hz: 0.7 A, 150 W, PF 0.94

Measurements made at nominal voltage with all LEDs at full intensity.

Allow for a deviation of +/- 10%.

THERMAL

Cooling: Forced air (temperature-regulated, low noise)

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

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

APPROVALS

EU safety: EN 60598-2-17 (EN605989-1), EN 62471, EN 62493

EU EMC: EN 55015, EN 55032, EN 55103-2, EN 61000-3-2, EN 61000-3-3, EN 61547

US safety: UL 1573, UL 8750

US EMC: CFR Title 47 Part 15

Canadian safety: CSA C22.2 No. 166

Australia/NZ: C-TICK N4241 / RCM

CONSTRUCTION

Housing: High-impact flame-retardant thermoplastic

Color: Black

Ingress protection rating: IP20

INSTALLATION

Minimum clearance around fan and air vents: 100 mm (4 in.)

Mounting points: One quarter-turn bracket for rigging clamp

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

Orientation: Any

Minimum distance to combustible materials: 100 mm (4 in.)

Minimum distance to illuminated surfaces: 200 mm (8 in.)

CONNECTIONS

AC power in, thru: Neutrik PowerCon

DMX data in, thru: 3-pin and 5-pin locking XLR

RELATED ITEMS

Martin™ RDM 5.5 Splitter: P/N 90758150

Martin Companion Cable: P/N 91616091

Martin Companion Software Suite (including firmware uploader): Free download from www.martin.com

ORDERING INFORMATION

RUSH MH 6 Wash™ in cardboard box: P/N 90280080

INCLUDED ITEMS

Power input cable, 6 A, 18 AWG, UL, 0.75 mm², H05VV-F, 1.5 m (4.9 ft.), without mains plug

Omega bracket for rigging clamp attachment

ACCESSORIES

Power connectors:

Power Connector PowerCON Male: P/N 91611795

Power Connector PowerCON Female : P/N 91611794

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

Power relay cable 3 x 2.5 mm², H07RN-F POWCON-POWCON 1.2 m (3.9 ft.): P/N 91611798

Power relay cable 3 x 14 AWG, SJ00W POWCON-POWCON 1.2m (3.9 ft.): P/N 91610175

Power relay cable 3 x 2.5 mm², H07RN-F POWCON-POWCON 2.5m (8.2 ft.): P/N 91611799

Power relay cable 3 x 14 AWG, SJ00W POWCON-POWCON 2.5m (8.2 ft.): P/N 91610176

Cables, 16 A, for power input:

Power input cable 3 x 2.5 mm², H07RN-F OPEN-POWCON 1.5 m (4.9 ft.): P/N 91611800

Power input cable 3 x 14 AWG, SJ00W OPEN-POWCON 1.5 m (4.9 ft.): P/N 91610177

Power input cable 3 x 2.5 mm², H07RN-F OPEN-POWCON 5.0 m (16.4 ft.): P/N 91611801

Power input cable 3 x 14 AWG, SJ00W OPEN-POWCON 5.0 m (16.4 ft.): P/N 91610178

(H07RN-F are European approved cables, SJ00W are US approved cables)

Installation hardware:

G-clamp (suspension with fixture hanging vertically downwards only): P/N 91602003

Quick trigger clamp (suspension with fixture hanging vertically downwards only): P/N 91602007

Half-coupler 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