

# RUSH BLINDER 1 WW

2x2 100W LED WARM WHITE BLINDER

SPEC SHEET

## Ultra-Bright Quad LED Blinder Provides High Intensity Light for a Variety of Entertainment Applications

This quad LED blinder features a PAR array with four individually-controllable 100 watt COB warm white LEDs, providing high-intensity light for a variety of entertainment events. The unique frame on the RUSH BLINDER 1 WW offers the ability to attach multiple fixtures together in a grid pattern. With individually-controllable COBs, multiple units can be used to create pixel effects across a grid of fixtures, with onboard electronic dimming and strobe also available. The fixture offers a wide 70° beam angle, with a combined 19,000+ lumens output from the fixture for truly brilliant effects. The rugged, lightweight construction and available brackets for floor or truss mounting make the RUSH BLINDER 1 WW ideal for live shows, TV events, stage, concerts, and nightclubs.

## 2x2 100W LED blinder with individually-controllable LEDs

The blinder's PAR array includes four individually-controllable 100 watt COB warm white LEDs, providing high-intensity light for a variety of entertainment events.

## Multiple Fixture Mounting

The Blinder 1 WW's unique frame offers the ability to attach multiple fixtures together in a grid pattern. With individually-controllable COBs, multiple units can be used to create pixel effects across a grid of fixtures, with onboard electronic dimming and strobe also available.

## Wide 70° beam angle for broad coverage

The fixture offers a wide 70° beam angle, with a combined 19,000+ lumens output from the fixture for truly brilliant effects.



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## FEATURES

- 2x2 100W COB warm white LEDs
- 19,000+ lumens output
- Full pixel control of individual COBs
- Unique frame offers grid installation
- 70° beam angle
- Electronic dimming and strobe
- Brackets are available for floor or truss mounting
- Lightweight construction (9.5 kg / 20.9 lbs.)

## ORDERING INFORMATION

- RUSH BLINDER 1 WW in cardboard box: P/N 90480150

## INCLUDED ITEMS

- Power cable, 1.5 m without mains plug

## RELATED ITEMS

- Martin M-DMX with Martin Companion Uploader Software

## OPTIONAL ACCESSORIES

### Installation Hardware

- Half-coupler clamp: P/N 91602005
- G-clamp (vertical hanging suspension only): P/N 91602003
- Quick-trigger clamp (vertical hanging suspension only): P/N 91602007
- Safety cable, 60Kg, BGV C1: P/N 91604006

### Cables, 16 A, For Connection To Power In Chains

- Power relay cable 3 x 2.5 mm<sup>2</sup>, 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 mm<sup>2</sup>, 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 mm<sup>2</sup>, 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 mm<sup>2</sup>, 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)

### Power Connectors

- Power Connector PowerCON Male: P/N 91611795
- Power Connector PowerCON Female: P/N 91611794



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## TECHNICAL SPECIFICATIONS

### PHYSICAL

Dimensions (LxWxH) ..... 400 x 441 x 177 mm  
(15.7 x 17.4 x 7.0 in.)  
Weight ..... 9.5 kg (20.9 lbs.)

### DYNAMIC EFFECTS

Dimming ..... 0 – 100%, coarse & fine control  
Shutter ..... Strobe & pulse effects, instant open  
and blackout

### CONTROL AND PROGRAMMING

Control system ..... USITT DMX512/1990 with RDM  
DMX channels ..... 1, 4, or 8  
RDM compliance ..... ANSI/ESTA E.120  
Interface ..... Control panel with backlit LCD display

### OPTICS

Beam angle ..... 70°

### CONSTRUCTION

Color ..... Black  
Housing ..... High impact flame retardant  
thermoplastic and aluminum  
IP rating ..... IP 20

### INSTALLATION

Mounting points ..... Adjustable bracket, surface or  
truss mount  
Location ..... Indoor location only  
Orientation ..... Any  
Minimum distance to  
illuminated surfaces ..... 0.5 m (20 in.)  
Minimum distance to  
combustible materials ..... 0.1 m (4 in.)

### CONNECTIONS

AC power input/output ..... Neutrik PowerCon  
DMX & RDM data in/out ..... 3-pin and 5-pin locking XLR

### ELECTRICAL

AC power ..... 100-240 V nominal, 50/60 Hz  
Power supply unit ..... Auto-ranging electronic switch mode  
Fuse ..... T 250 V 6.3 A  
Maximum total power consumption ..... 448 W  
Typical half-cycle RMS  
inrush current at 240V, 50Hz ..... 15.5 A  
Recommended Miniature Circuit  
Breaker when power linking\* ..... Type D  
\*Per IEC 60898/UL489/CSA C22.2 No. 5

### TYPICAL POWER AND CURRENT

100 V, 60 Hz ..... 432 W, 4.3 A, PF 0.998  
120 V, 60 Hz ..... 428 W, 3.6 A, PF 0.996  
230 V, 50 Hz ..... 426 W, 1.9 A, PF 0.956  
Measurements made at nominal voltage. Figures are typical, not maximum,  
allow for a deviation of +/- 10%.

### THERMAL

Cooling ..... Forced air, temperature-regulated  
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 (EN 60598-1), EN 62471,  
EN 62493  
EU EMC ..... EN 55015; EN 55032; EN 55103-1,-2;  
EN 61000-3-2,-3; EN 61000-4-2, -4, -5;  
EN 61547  
US safety ..... UL 1573  
US EMC ..... 47 CFR 15 Class A  
Canadian safety ..... CSA C22.2 No. 166  
Canadian EMC ..... ICES-003 Class A  
Australia/NZ ..... RCM (Pending)