

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 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)

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)