

# RUSH PAR 4 UV

100W COB 400nm UV PAR

SPEC SHEET

## Bright Single-Lens UV LED Bar Is Ideal for Nightlife, Stage, and Concert Blacklight Applications

This UV LED PAR can light fixture includes a 100 watt COB 400nm UV LED mounted in a reflector for high-output ultraviolet light, and has regulated air cooling for quiet operation. With electronic dimming and strobe and a bracket suitable for floor or truss mounting, the RUSH PAR 4 UV is ideal for a variety of nightlife, stage, and concert applications.

### Single-lens 100W UV LED PAR

The RUSH PAR 4 UV includes a 100 watt COB 400nm UV LED mounted in a reflector for high-output ultraviolet light.

### Regulated air cooling

To ensure ultra-quiet operation, regulated air cooling is integrated.

### Electronic dimming and strobe

With electronic dimming and strobe and a bracket suitable for floor or truss mounting, the RUSH PAR 4 UV is ideal for a variety of nightlife, stage, and concert applications.



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## FEATURES

- 100 watt COB 400nm UV LED
- Regulated air cooling for quiet operation
- Reflector system for high UV output
- Electronic dimming and strobe
- Bracket suitable for floor or truss mounting
- Lightweight construction (4 kg / 8.8 lbs.)

## ORDERING INFORMATION

- RUSH PAR 4 UV in cardboard box: P/N 90480140



## 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) ..... 327 x 312 x 207 mm (12.8 x 12.3 x 8.1 in.)  
Weight ..... 4 kg (8.8 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 ..... 3  
RDM compliance ..... ANSI/ESTA E.120  
Interface ..... Control panel with backlit LCD display

### CONSTRUCTION

Color ..... Black  
Housing ..... Cast 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 ..... 5-pin locking XLR

### ELECTRICAL

AC power ..... 100-240 V nominal, 50/60 Hz  
Power supply unit ..... Auto-ranging electronic switch mode  
Maximum total power consumption ..... 114 W  
Typical half-cycle RMS inrush current ..... 11.2 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 ..... 114 W, 1.2 A, PF 1.000  
120 V, 60 Hz ..... 114 W, 1.0 A, PF 0.996  
230 V, 50 Hz ..... 114 W, 0.5 A, PF 0.933

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)