

# RUSH PAR 3 RGB

SINGLE LENS WASH WITH PREMIXED COLOR

SPEC SHEET

## Bright Yet Quiet Single-Lens Color LED PAR Perfect for Live Shows, Houses of Worship, and Nightlife

With a 36 watt COB RGB LED, the RUSH PAR 3 RGB offers fully premixed color for use in wash and key lighting applications. A magnetically attached beam angle reducer lens allows the RUSH PAR 3 RGB to offer both 80° and 14° beam angle options, and the fanless design provides quiet operation in sound-sensitive environments. The RUSH PAR 3 RGB includes electronic dimming and strobe, a bracket for floor or truss mounting, and a rugged, lightweight construction, making it ideal for live shows, performing arts, house of worship, bars, nightlife, and architectural installations. A version finished in white is also available for décor matching.

### Single-lens 36W LED PAR

The RUSH PAR 3 RGB offers fully premixed color for use in wash and key lighting applications.

### Removable magnetic lens for multiple beam angles

A magnetically attached beam angle reducer lens allows the RUSH PAR 3 RGB to offer both 80° and 14° beam angle options.

### Fanless design for quiet operation

The fanless design provides ultra quiet operation, which is crucial for sound-sensitive environments.



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## FEATURES

- 36 watt COB RGB LED
- Fully premixed color
- Magnetically attached removable beam angle reducer lens
- 80° and 14° beam angles
- Electronic dimming and strobe
- Fanless design for quiet operation
- Bracket suitable for floor or truss mounting
- Lightweight aluminum construction (3.4 kg / 7.5 lbs.)

## ORDERING INFORMATION

- RUSH PAR 3 RGB in cardboard box: P/N 90480130
- RUSH PAR 3 RGB/WHITE in cardboard box: P/N 90480135



## INCLUDED ITEMS

- Power cable, 1.5 m without mains plug
- Prismatic lens

## 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) ..... 250 x 265 x 165 mm (9.4 x 10.6 x 6.5 in.)  
Weight ..... 3.4 kg (7.5 lbs.)

### DYNAMIC EFFECTS

Dimming ..... 0 – 100%, coarse & fine control  
Shutter ..... Strobe & pulse effects, instant open and blackout  
Color ..... 8 bit RGB color mix

### CONTROL AND PROGRAMMING

Control system ..... USITT DMX512/1990 with RDM  
DMX channels ..... 9  
RDM compliance ..... ANSI/ESTA E.120  
Interface ..... Control panel with backlit LCD display

### OPTICS

Beam / field angle without lens ..... 83°/106°  
Lumen output without lens ..... 570 lumen  
Beam / field angle with lens ..... 14.5°/33°  
Lumen output with lens ..... 370 lumen

### 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 ..... 30 W  
Typical half-cycle RMS inrush current ..... 7.8 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 ..... 30 W, 0.5 A, PF 0.615  
120 V, 60 Hz ..... 30 W, 0.4 A, PF 0.599  
230 V, 50 Hz ..... 30 W, 0.3 A, PF 0.496  
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)