# ROGUE R3 BEAM

## User Manual


Model ID: ROGUER3BEAM

CHAUVET PROFESSIONAL

# Edition Notes

The Rogue R3 Beam User Manual includes a description, safety precautions, installation, programming, operation and maintenance instructions for the Rogue R3 Beam.

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## Document Printing

For best results, print this document in color, on letter size paper (8.5 x 11 in), double-sided. If using A4 paper (210 x 297 mm), configure the printer to scale the content accordingly.

## Intended Audience

Any person installing, operating, and/or maintaining this product should completely read through the guide that shipped with the product, as well as this manual, before installing, operating, or maintaining this product.

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## Document Revision

Go to www.chauvetprofessional.com for the latest version.

| Revision | Date | Description |
|---|---|---|
| 6 | 08/2025 | Added error code information |

## TABLE OF CONTENTS

# 1. Before You Begin

## What Is Included

- Rogue R3 Beam
- Neutrik® powerCON® power cable
- 2 Omega brackets with mounting hardware
- Quick Reference Guide

## Claims

Carefully unpack the product immediately and check the container to make sure all the parts are in the package and are in good condition.

If the box or the contents (the product and included accessories) appear damaged from shipping, or show signs of mishandling, notify the carrier immediately, not Chauvet. Failure to report damage to the carrier immediately may invalidate your claim. In addition, keep the box and contents for inspection.

For other issues, such as missing components or parts, damage not related to shipping, or concealed damage, file a claim with Chauvet within 7 days of delivery.

## Manual Conventions

| Convention | Meaning |
|---|---|
| **1–512** | A range of values |
| **50/60** | A set of values of which only one can be chosen |
| **<SET>** | A button on the product's control panel |
| **Settings** | A product function or a menu option |

## Symbols

| Symbol | Meaning |
|---|---|
|  | Electrical warning. Not following these instructions may cause electrical damage to the product, accessories, or the user. |
|  | Critical installation, configuration, or operation information. Not following these instructions may make the product not work, cause damage to the product, or cause harm to the operator. |
|  | Important installation or configuration information. The product may not function correctly if this information is not used. |
|  | Useful information. |

**The term "DMX" used throughout this manual refers to the USITT DMX512-A digital data transmission protocol.**
**Connection of the control signal: DMX line**

- **The product has XLR sockets for DMX input and output.**
- **Notice: This control circuit is isolated and belongs to the Class 2 data port.**

**The control circuit has a cumulative leakage current of less than 3.5 mA.**

## FFCC Statement of Compliance

This device complies with Part 15 Part B of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

## Safety Notes

Read all the following safety notes before working with this product. These notes contain important information about the installation, usage, and maintenance of this product.

**This product contains no user-serviceable parts. Any reference to servicing in this User Manual will only apply to properly trained, certified technicians. Do not open the housing or attempt any repairs.**

**All applicable local codes and regulations apply to proper installation of this product.**

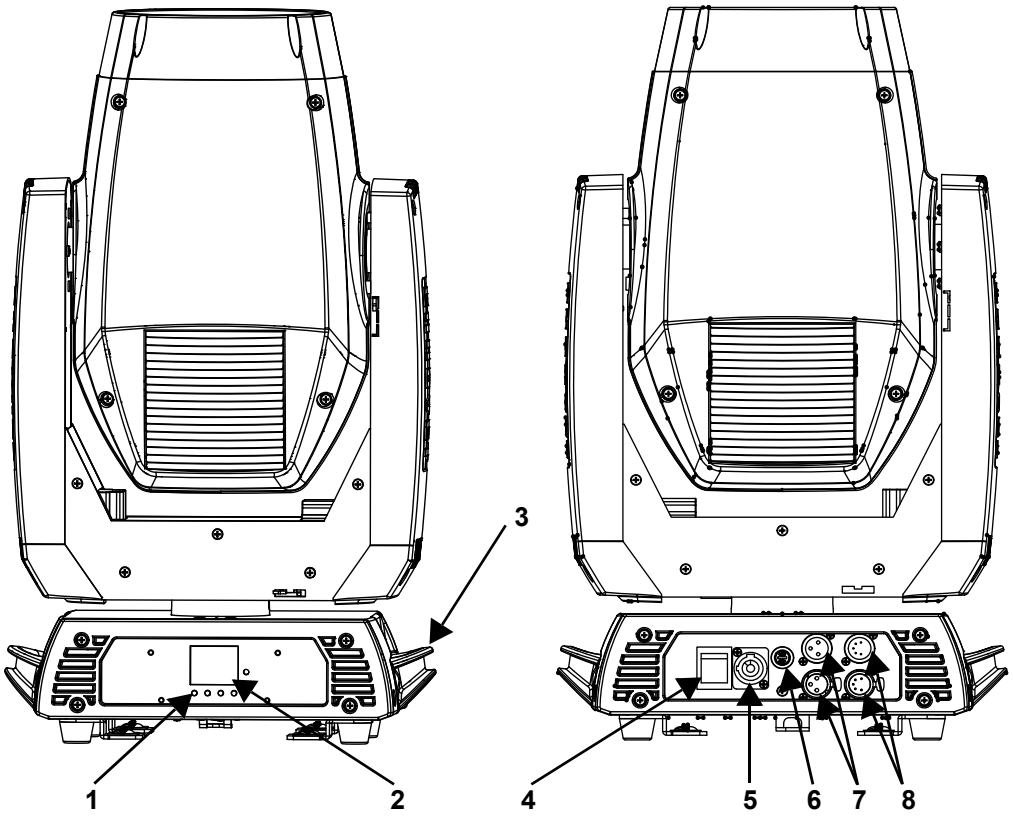
- The luminaire is intended for professional use only.
- The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than26.2 ft (8 m) is not expected.
- If the external flexible cable or cord of this luminaire is damaged, it shall be replaced by a special cord or cord exclusively available from the manufacturer or its service agent.
- The light source contained in this luminaire shall only be replaced by the manufacturer or its service agent or a similar qualified person.
- **CAUTION:**
  - This product's housing may be hot when operating. Mount this product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
  - When transferring the product from extreme temperature environments, (e.g., cold truck to warm humid ballroom) condensation may form on the internal electronics of the product. To avoid causing a failure, allow the product to fully acclimate to the surrounding environment before connecting it to power.
  - Flashing light is known to trigger epileptic seizures. User must comply with local laws regarding notification of strobe use.
- **ALWAYS:**
  - Disconnect from power before cleaning the product or replacing the fuse.
  - Replace the fuse with the same type and rating.
  - Use a safety cable when mounting this product overhead.
  - Connect this product to a grounded and protected circuit.
- **DO NOT:**
  - Open this product. It contains no user-serviceable parts.
  - Look at the light source when the product is on.
  - Leave any flammable material close to this product while operating or connected to power.
  - Connect this product to a dimmer or rheostat.
  - Operate this product if the housing, lenses, or cables appear damaged.
  - Operate this product outdoors or in any location where dust, excessive heat, water, or humidity may affect it (adhere to standards for the published IP rating).
- ONLY use the hanging/mounting bracket to carry this product.
- The maximum ambient temperature is 113 °F (45 °C). Do not operate this product at higher temperatures.
- The minimum ambient temperature is -4°F (-20°C). Do not operate the product at lower temperatures.
- To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.
- In the event of a serious operating problem, stop using immediately.

# 2. Introduction

## Features

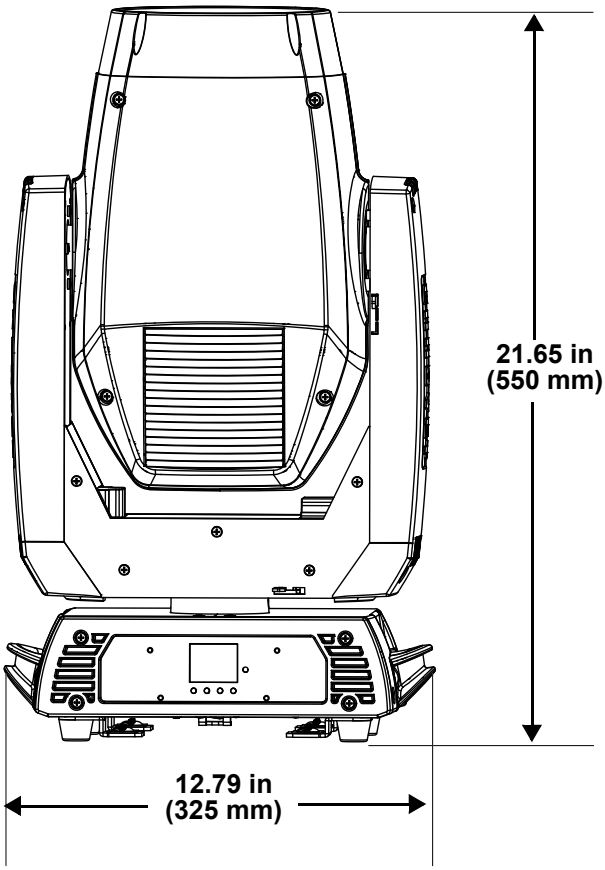
- Fully featured, high-powered beam fixture with a single color wheel, single static gobo wheel, layerable prisms, and 300W Ushio NSL lamp rated at 8,000 hours life
- Fast and precise movement of pan and tilt functions
- Individually controllable and layerable 8- and 24-facet prisms
- Frost for even light distribution
- Tight 1° beam for extremely focused areal effects
- RDM-enabled for remote addressing and troubleshooting
- 17 static gobos for massive visual impact

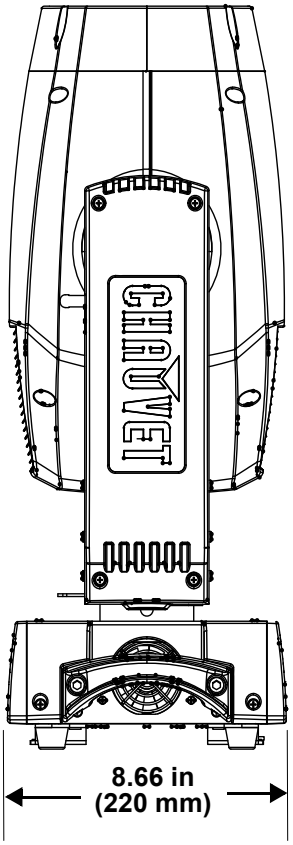
## Product Overview




| # | Name | # | Name |
|---|---|---|---|
| **1** | Menu buttons | **5** | Power input |
| **2** | LED display | **6** | Fuse holder |
| **3** | Carry handle (x2) | **7** | 3-pin DMX in/out |
| **4** | Power switch | **8** | 5-pin DMX in/out |

## Product Dimensions



# 3. Setup

## AC Power

Each Rogue R3 Beam has an auto-ranging power supply that works with an input voltage range of 100 to 240 VAC, 50/60 Hz. To determine the power requirements for each Rogue R3 Beam, refer to the label affixed to the product. You can also refer to the Technical Specifications chart in this manual.

The listed current rating indicates the maximum current draw during normal operation. For more information, download Sizing Circuit Breakers from the Chauvet website: www.chauvetprofessional.com.

- **Always connect the product to a protected circuit (a circuit breaker or fuse). Make sure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.**
- **To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.**

**Never connect the product to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0 to 100% switch.**

### AC Plug

The Rogue R3 Beam comes with a power input cable terminated with a Neutrik® powerCON® A connector on one end and an Edison plug on the other end (U.S. market). If the power input cable that came with your product has no plug, or if you need the change the plug, use the table below to wire the new plug.

| Connection | Wire (U.S.) | Wire (Europe) | Screw Color |
|---|---|---|---|
| AC Live | Black | Brown | Yellow or Brass |
| AC Neutral | White | Blue | Silver |
| AC Ground | Green/Yellow | Green/Yellow | Green |

### Fuse Replacement

1. Disconnect this product from the power outlet.
2. Using a flat-head screwdriver, unscrew the fuse holder cap from the housing.
3. Remove the blown fuse and replace with another fuse of the same type and rating (F7A, 250 V).
4. Screw the fuse holder cap back in place and reconnect power.

**Make sure to disconnect the product's power cable before replacing a blown fuse. Always replace the blown fuse with another of the same type and rating.**

## DMX Linking

You can link the Rogue R3 Beam to a DMX controller using a 3-pin or 5-pin DMX connection. If using other DMX-compatible products with this product, you can control each individually with a single DMX controller.

### DMX Personalities

The Rogue R3 Beam uses a 3-pin or 5-pin DMX data connection for the 16- and 19-channel DMX personalities.

- Refer to the Introduction for a brief description of each DMX personality.
- Refer to the Operation chapter to learn how to configure the Rogue R3 Beam to work in these personalities.
- The DMX Values section provides detailed information regarding the DMX personalities.

## Remote Device Management

Remote Device Management, or RDM, is a standard for allowing DMX-enabled devices to communicate bi-directionally along existing DMX cabling. Check the DMX controller's User Manual or with the manufacturer as not all DMX controllers have this capability. The Rogue R3 Beam supports RDM protocol that allows feedback to make changes to menu map options.

# Mounting

Before mounting the product, read and follow the safety recommendations indicated in the Safety Notes. For our Chauvet Professional line of mounting clamps, go to http://trusst.com/products/.

## Orientation

Always mount this product in a safe position, making sure there is adequate room for ventilation, configuration, and maintenance.

## Rigging

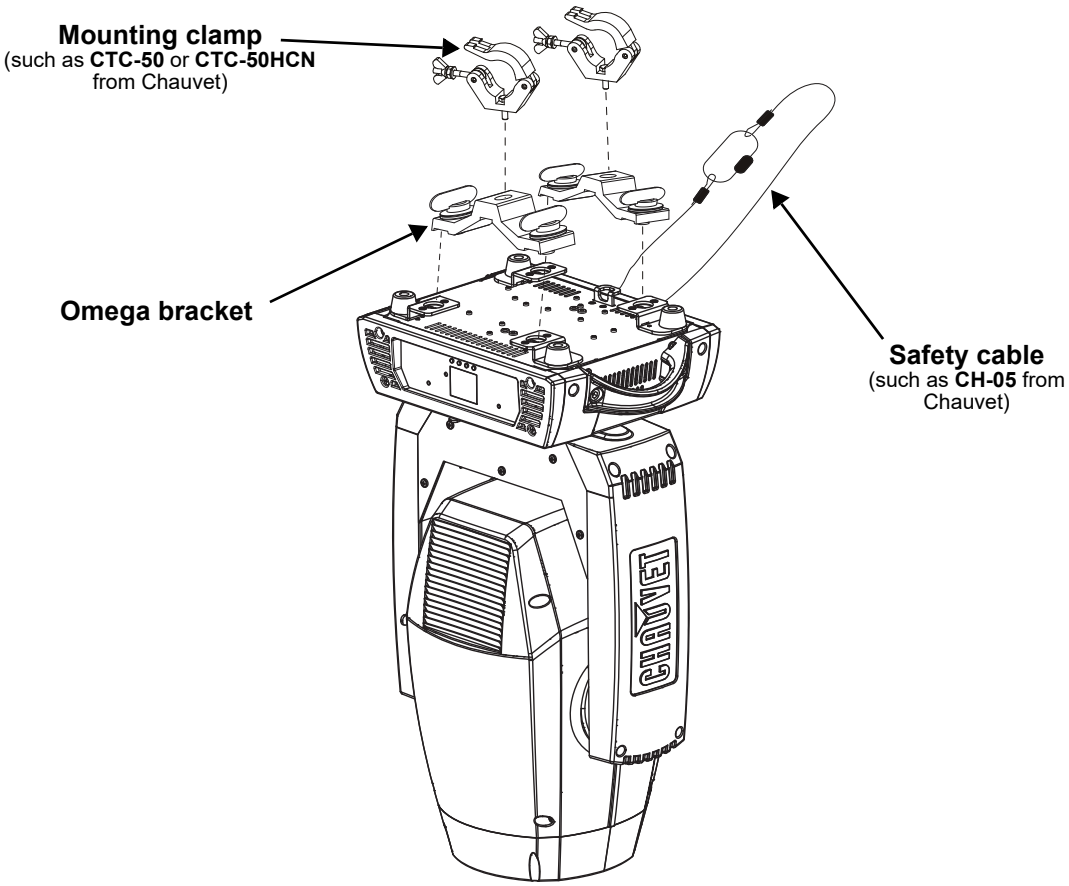
Chauvet recommends using the following general guidelines when mounting this product.

- Before deciding on a location for the product, make sure there is easy access to the product for maintenance and programming purposes.
- Make sure that the structure onto which you are mounting the product can support the product's weight. See the Technical Specifications for weight information.
- When mounting the product overhead, always use a safety cable. Mount the product securely to a rigging point, whether an elevated platform or a truss.
- When rigging the product onto a truss, use a mounting clamp of appropriate weight capacity.
- When power linking multiple products, mount the products close enough for power linking cables to reach.
- The bracket adjustment knobs allow for directional adjustment when aiming the product to the desired angle. Only loosen or tighten the bracket knobs manually. Using tools could damage the knobs.

## Procedure

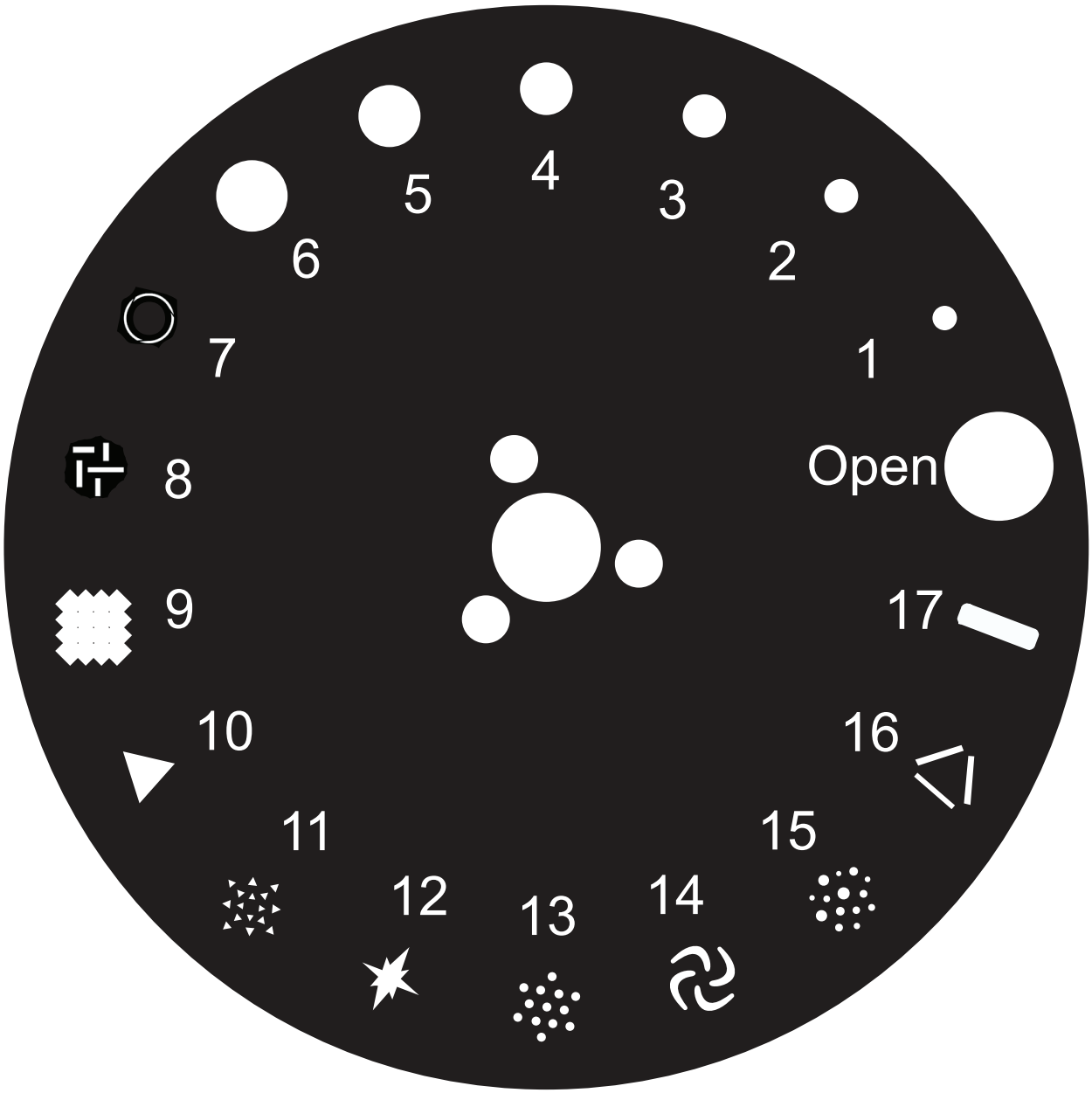
The Rogue R3 Beam comes with a double-bracketed yoke to which you can either attach mounting clamps for hanging or simply use as a floor stand. You must supply the mounting clamps. Make sure the clamps are capable of supporting the weight of this product. Use at least one mounting point per product. For the CHAUVET Professional line of mounting clamps, go to http://www.trusst.com/products.

### Mounting Diagram



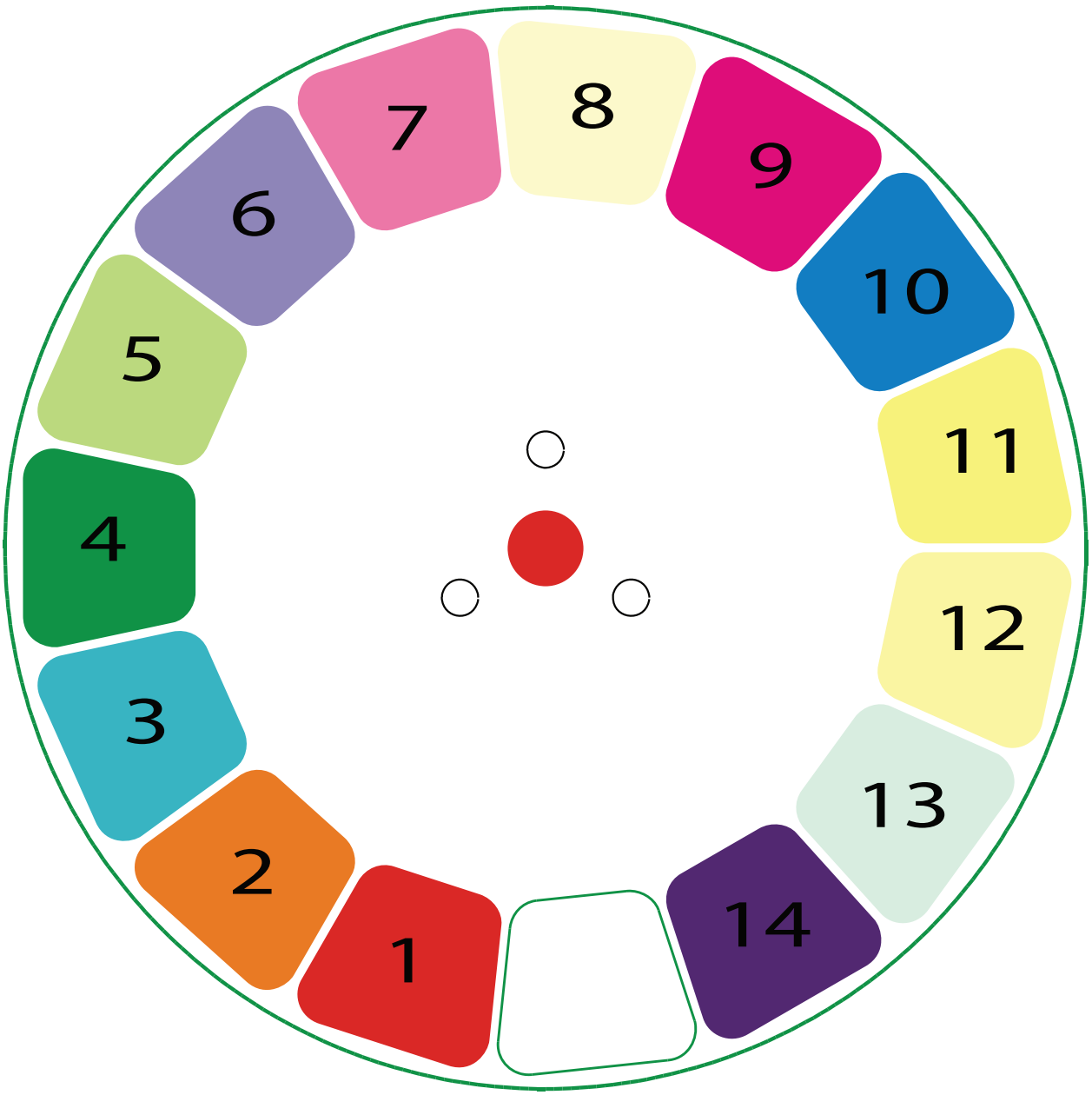
## Gobo Wheel

The Rogue R3 Beam includes one gobo wheel with 17 fixed gobos plus open. The diagram shows the gobo number on the wheel, as numbered in the DMX Values tables.



## Color Wheel

The Rogue R3 Beam includes one color wheel with 14 fixed colors plus open (white), as indicated below. The diagram shows the color number on the wheel, as numbered in the DMX Values tables.



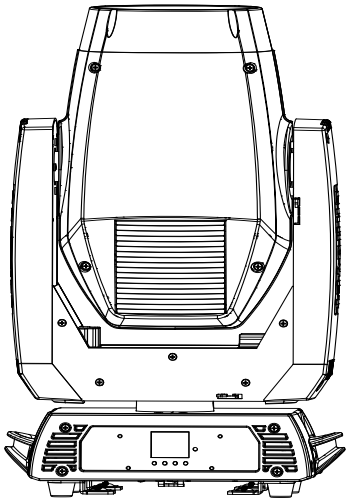
## Lamp Replacement

The Rogue R3 Beam is equipped with an NSL Ushio 300W lamp. Follow the procedure below to safely change the lamp.

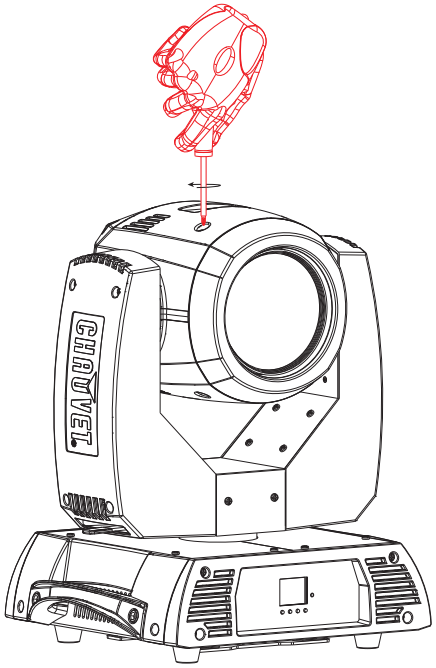
**Disconnect the product from power before opening.**

### Procedure

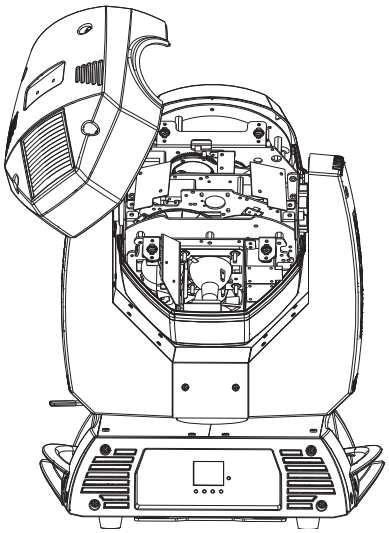
1. Turn the product off and disconnect it from power. Wait at least 15 minutes for the lamp to cool down.



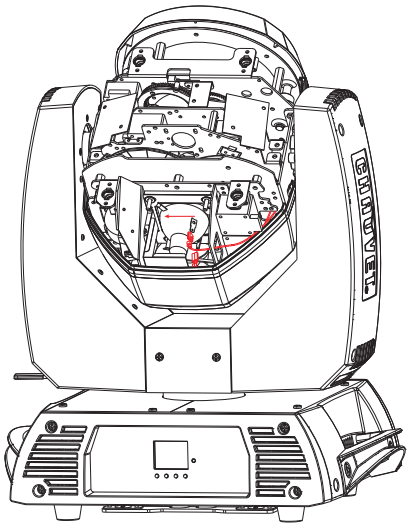
2. Remove both head covers by removing 8 Phillips-head ¼-turn screws.



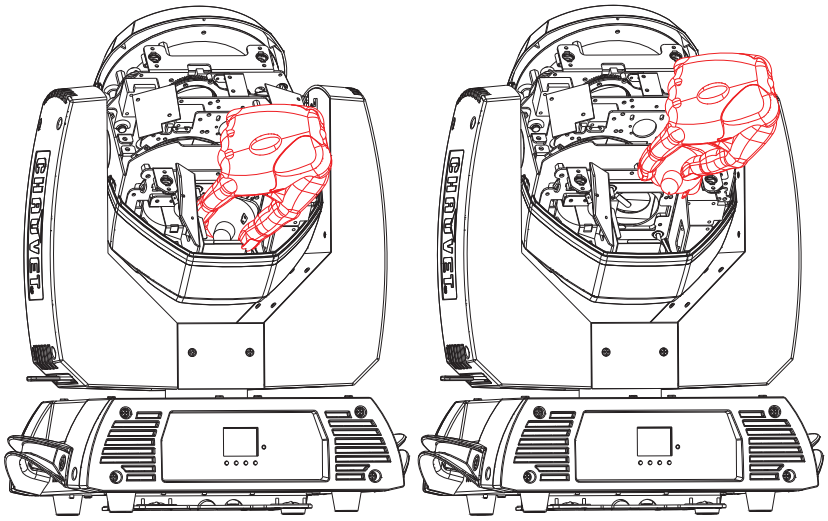
3. Orient the bottom of the moving head so that the fan is facing downward.



4. Remove the 2 wires connected to the lamp by the spade terminals.Using the lamp base, push the lamp to the left against the spring clips located on the left.



5. Roll the lamp out the top and pull it away.



6. Reverse the steps above to install the new lamp. Do not touch the glass with bare hands.

**Do not turn product on without a lamp!**

## Increasing the Lamp's Life

To prolong the life of the NSL Ushio 300W lamp, it is recommended to do the following:

- ALWAYS turn the lamp off by using the DMX controller or the product's control panel, then wait at least 5 minutes before switching off the product. This will keep the fans running to extract any remaining heat from the product's head.
- DO NOT power cycle the product unless it is necessary.
- DO NOT re-strike the lamp immediately after turning it off. Chauvet recommends waiting 5 minutes before trying to re-strike the lamp.
- DO NOT touch the lamp without wearing gloves to avoid leaving grease on the bulb or on the contacts that could reduce the lamp's life.
- ALWAYS change the lamp when it has reached its recommended lifespan to avoid the risk of lamp explosion.

# 4. Operation

## Control Panel Operation

| Button | Function |
|---|---|
| **<MENU>** | Exits from the current menu or function |
| **<ENTER>** | Enables the currently displayed menu or sets the currently selected value in to the current function |
| **<UP>** | Navigates upward through the menu list or increases the numeric value when in a function |
| **<DOWN>** | Navigates downward through the menu list or decreases the numeric value when in a function |

## Programming

Refer to the Menu Map to understand the menu options. The menu map shows the main level and a variable number of programming levels for each option.

- To go to the desired main level, press **<MENU>** repeatedly until the option shows on the display. Press **<ENTER>** to select. This will take you to the first programming level for that option.
- To select an option or value within the current programming level, press **<UP>** or **<DOWN>** until the option shows on the display. Press **<ENTER>** to select. In this case, if there is another programming level, you will see that first option, or you will see the selected value.
- Press **<MENU>** repeatedly to exit to the previous main level.

## Control Panel Lock

This setting enables you to activate or disable the control panel lock, which keeps unauthorized users from changing the product's settings.

1. Go to the **Key Lock** main level.
2. Select **ON** or **OFF**.

**When the control panel lock is activated, in order to access the products main programming level, the product will prompt for the passcode. Enter the passcode as described below.**

## Passcode

After being prompted to enter the passcode:
Press **<UP>, <DOWN>, <UP>, <DOWN>, <ENTER>**

## Menu Map

Refer for the Rogue R3 Beam product page on www.chauvetprofessional.com for the latest menu map.

| Main Level | Programming Levels | | | Description |
|---|---|---|---|---|
| **Address** | **001–512** | | | Sets the starting address |
| **Run Mode** | **DMX** | **16CH** | | Selects the DMX personality |
| | | **19CH** | | |
| | **Auto Test** | | | Auto test all functions |
| | **Manual Test** | **Pan** | **000–255** | Manually control and test all settings through the control panel |
| | | **Pan Fine** | | |
| | | **Tilt** | | |
| | | **Tilt Fine** | | |
| | | **P/T Speed** | | |
| | | **Dimmer** | | |
| | | **Dimmer Fine** | | |
| | | **Shutter** | | |
| | | **Color** | | |
| | | **Gobo** | | |
| | | **Prism1** | | |
| | | **Prism1 Rot** | | |
| | | **Prism2** | | |
| | | **Prism2 Rot** | | |
| | | **Frost** | | |
| | | **Focus** | | |
| | | **P/T Macro** | | |
| | | **P/T Ma. Speed** | | |
| | | **Special Function** | | |
| **Setup** | **Pan Reverse** | | **NO** | Normal pan |
| | | | **YES** | Reversed pan |
| | **Tilt Reverse** | | **NO** | Normal tilt |
| | | | **YES** | Reversed tilt |
| | **Screen Reverse** | | **NO** | Normal screen display |
| | | | **YES** | Inverted screen display |
| | **Pan Angle** | | **540** | 540° pan range |
| | | | **360** | 360° pan range |
| | | | **180** | 180° pan range |
| | **Tilt Angle** | | **270** | 270° tilt range |
| | | | **180** | 180° tilt range |
| | | | **90** | 90° tilt range |
| | **BL. O. P/T Move** | | **YES** | Blackout while panning/tilting |
| | | | **NO** | Do not blackout while panning/tilting |
| | **BL. O. Color Move** | | **YES** | Blackout while color wheel is moving |
| | | | **NO** | Do not blackout while color wheel is moving |
| | **BL. O. Gobo Move** | | **YES** | Blackout while gobo wheels are moving |
| | | | **NO** | Do not blackout while gobo wheels are moving |

| Main Level | Programming Levels | | | | Description |
|---|---|---|---|---|---|
| Setup (cont.) | Lamp Settings | | On/Off | ON | Turns lamp on/off |
| | | | | OFF | |
| | | | State/ Power On | ON | Defines the status of lamp when powering up product |
| | | | | OFF | |
| | | | Off via DMX | YES | Turns off the unit via DMX controller |
| | | | | NO | |
| | | | On if DMX On | YES | Turns lamp on when DMX signal is detected |
| | | | | NO | |
| | | | Off if DMX Off | YES | Turns lamp off when DMX signal is lost |
| | | | | NO | |
| | | | Ignition Delay | 000–255 | Selects duration of delay between product power on and lamp power on |
| | | | Low Power Delay | 000–255 | Selects the duration of delay when shutter is closed and lamp enters lower power state |
| | | | Reset Lamp Time | YES | Resets lamp timer to 0 |
| | | | | NO | Leaves lamp time unchanged |
| | Maintenance Timer | | Interval | 000–250 | Defines amount of hours between maintenance |
| | | | Remaining Time | NO | Shows amount of time remaining in maintenance cycle |
| | | | | RESET | Resets the time back to the beginning |
| | Reset Function | | Pan/Tilt | YES/NO | Reset individual functions or all functions from start-up |
| | | | Shutter/ Prism | | |
| | | | Color | | |
| | | | Gobo | | |
| | | | Frost/ Focus | | |
| | | | All | | |
| | Factory Settings | | YES | | Reset to factory default settings |
| | | | NO | | |
| Sys Info | System Information | Ver | | V_ | Shows firmware version |
| | | Running Mode | | _ _ _ | Shows current running mode |
| | | DMX Address | | _ _ _ | Shows current DMX address |
| | | Temperature | | _ _ _ | Displays the product's temperature in °C |
| | | Lamp On Time | | _ _ _ _ | Displays the amount of time the lamp has been on (provided the counter has been reset upon installation of new lamp) |
| | | Remain Time | | _ _ _ _ _ | Shows amount of time remaining in maintenance cycle |
| | | UID | | _ _ _ _ _ | Shows product UID |
| | | Fan1 Speed | | _ _ _ _ _ | Shows speed of Fan 1 |
| | | Fan2 Speed | | _ _ _ _ _ | Shows speed of Fan 2 |

# DMX Values

## 19CH

| Channel | Function | Value | Percent/Setting |
|---|---|---|---|
| **1** | **Pan** | 000 ⇔ 255 | 0–100% |
| **2** | **Pan fine** | 000 ⇔ 255 | Fine control (16-bit) |
| **3** | **Tilt** | 000 ⇔ 255 | 0–100% |
| **4** | **Tilt fine** | 000 ⇔ 255 | Fine control (16-bit) |
| **5** | **Pan/tilt speed** | 000 ⇔ 255 | Fast to slow |
| **6** | **Dimmer** | 000 ⇔ 255 | 0–100% |
| **7** | **Dimmer fine** | 000 ⇔ 255 | Fine control (16-bit) |
| **8** | **Strobe** | 000 ⇔ 007 | Closed |
| | | 008 ⇔ 015 | Open |
| | | 016 ⇔ 131 | Synchronized strobe, slow to fast |
| | | 132 ⇔ 167 | Fast close, slow open (slow to fast) |
| | | 168 ⇔ 203 | Slow close, fast open (slow to fast) |
| | | 204 ⇔ 239 | Pulse strobe, slow to fast |
| | | 240 ⇔ 250 | Random strobe, slow to fast |
| | | 251 ⇔ 255 | Open |
| **9** | **Color wheel** (see Color Wheel) | 000 ⇔ 004 | Open |
| | | 005 ⇔ 008 | Red |
| | | 009 ⇔ 012 | Orange |
| | | 013 ⇔ 016 | Cyan |
| | | 017 ⇔ 020 | Light green |
| | | 021 ⇔ 024 | Light yellow |
| | | 025 ⇔ 028 | Lavender |
| | | 029 ⇔ 032 | Pink |
| | | 033 ⇔ 036 | Yellow |
| | | 037 ⇔ 040 | Magenta |
| | | 041 ⇔ 044 | Light blue |
| | | 045 ⇔ 048 | Amber |
| | | 049 ⇔ 052 | CTO 5600K |
| | | 053 ⇔ 056 | CTO 6500K |
| | | 057 ⇔ 060 | UV |
| | | 061 ⇔ 127 | Split colors |
| | | 128 ⇔ 189 | Clockwise color scroll, fast to slow |
| | | 190 ⇔ 193 | Stop |
| | | 194 ⇔ 255 | Counterclockwise color scroll, slow to fast |
| **10** | **Static gobo wheel** (see Gobo Wheel) | 000 ⇔ 003 | Open |
| | | 004 ⇔ 006 | Gobo 1 |
| | | 007 ⇔ 009 | Gobo 2 |
| | | 010 ⇔ 012 | Gobo 3 |
| | | 013 ⇔ 015 | Gobo 4 |
| | | 016 ⇔ 018 | Gobo 5 |
| | | 019 ⇔ 021 | Gobo 6 |
| | | 022 ⇔ 024 | Gobo 7 |
| | | 025 ⇔ 027 | Gobo 8 |
| | | 028 ⇔ 030 | Gobo 9 |
| | | 031 ⇔ 033 | Gobo 10 |
| | | 034 ⇔ 036 | Gobo 11 |
| | | 037 ⇔ 039 | Gobo 12 |
| | | 040 ⇔ 042 | Gobo 13 |
| | | 043 ⇔ 045 | Gobo 14 |

| Channel | Function | Value | Percent/Setting |
|---|---|---|---|
| 10 | **Static gobo wheel** (see Gobo Wheel) | 046 ⇔ 048 | Gobo 15 |
| | | 049 ⇔ 051 | Gobo 16 |
| | | 052 ⇔ 055 | Gobo 17 |
| | | 056 ⇔ 059 | Open |
| | | 060 ⇔ 063 | Gobo 1 shaking, slow to fast |
| | | 064 ⇔ 067 | Gobo 2 shaking, slow to fast |
| | | 068 ⇔ 071 | Gobo 3 shaking, slow to fast |
| | | 072 ⇔ 075 | Gobo 4 shaking, slow to fast |
| | | 076 ⇔ 079 | Gobo 5 shaking, slow to fast |
| | | 080 ⇔ 083 | Gobo 6 shaking, slow to fast |
| | | 084 ⇔ 087 | Gobo 7 shaking, slow to fast |
| | | 088 ⇔ 091 | Gobo 8 shaking, slow to fast |
| | | 092 ⇔ 095 | Gobo 9 shaking, slow to fast |
| | | 096 ⇔ 099 | Gobo 10 shaking, slow to fast |
| | | 100 ⇔ 103 | Gobo 11 shaking, slow to fast |
| | | 104 ⇔ 107 | Gobo 12 shaking, slow to fast |
| | | 108 ⇔ 111 | Gobo 13 shaking, slow to fast |
| | | 112 ⇔ 115 | Gobo 14 shaking, slow to fast |
| | | 116 ⇔ 119 | Gobo 15 shaking, slow to fast |
| | | 120 ⇔ 123 | Gobo 16 shaking, slow to fast |
| | | 124 ⇔ 127 | Gobo 17 shaking, slow to fast |
| | | 128 ⇔ 189 | Clockwise gobo scroll, fast to slow |
| | | 190 ⇔ 193 | Stop |
| | | 194 ⇔ 255 | Counterclockwise gobo scroll, slow to fast |
| 11 | **Prism 1** | 000 ⇔ 004 | No function |
| | | 005 ⇔ 255 | Prism index |
| 12 | **Prism 1 rotation** | 000 ⇔ 127 | Prism index |
| | | 128 ⇔ 189 | Clockwise rotation, fast to slow |
| | | 190 ⇔ 193 | Stop |
| | | 194 ⇔ 255 | Counterclockwise rotation, slow to fast |
| 13 | **Prism 2** | 000 ⇔ 004 | No function |
| | | 005 ⇔ 255 | Prism index |
| 14 | **Prism 2 rotation** | 000 ⇔ 127 | Prism index |
| | | 128 ⇔ 189 | Clockwise rotation, fast to slow |
| | | 190 ⇔ 193 | Stop |
| | | 194 ⇔ 255 | Counterclockwise rotation, slow to fast |
| 15 | **Frost** | 000 ⇔ 255 | 0–100% |
| 16 | **Focus** | 000 ⇔ 255 | 0–100% |
| 17 | **Movement macros** | 000 ⇔ 007 | No function |
| | | 008 ⇔ 015 | Effect 1 |
| | | 016 ⇔ 023 | Effect 2 |
| | | 024 ⇔ 031 | Effect 3 |
| | | 032 ⇔ 039 | Effect 4 |
| | | 040 ⇔ 047 | Effect 5 |
| | | 048 ⇔ 055 | Effect 6 |
| | | 056 ⇔ 063 | Effect 7 |
| | | 064 ⇔ 071 | Effect 8 |
| | | 072 ⇔ 079 | Effect 9 |
| | | 080 ⇔ 087 | Effect 10 |
| | | 088 ⇔ 095 | Effect 11 |
| | | 096 ⇔ 103 | Effect 12 |

| Channel | Function | Value | Percent/Setting |
|---|---|---|---|
| 17 | Movement macros | 104 ⇔ 111 | Effect 13 |
| | | 112 ⇔ 119 | Effect 14 |
| | | 120 ⇔ 127 | Effect 15 |
| | | 128 ⇔ 135 | Effect 16 |
| | | 136 ⇔ 143 | Effect 17 |
| | | 144 ⇔ 151 | Effect 18 |
| | | 152 ⇔ 159 | Effect 19 |
| | | 160 ⇔ 167 | Effect 20 |
| | | 168 ⇔ 175 | Effect 21 |
| | | 176 ⇔ 183 | Effect 22 |
| | | 184 ⇔ 191 | Effect 23 |
| | | 192 ⇔ 199 | Effect 24 |
| | | 200 ⇔ 207 | Effect 25 |
| | | 208 ⇔ 215 | Effect 26 |
| | | 216 ⇔ 223 | Effect 27 |
| | | 224 ⇔ 231 | Effect 28 |
| | | 232 ⇔ 239 | Effect 29 |
| | | 240 ⇔ 247 | Effect 30 |
| | | 248 ⇔ 255 | Effect 31 |
| 18 | Movement macro speed | 000 ⇔ 255 | 0–100% |
| 19 | Control | 000 ⇔ 069 | No function |
| | | 070 ⇔ 079 | Enable pan/tilt blackout |
| | | 080 ⇔ 089 | Disable pan/tilt blackout |
| | | 090 ⇔ 099 | Enable blackout while color wheel is moving |
| | | 100 ⇔ 109 | Disable color wheel blackout |
| | | 110 ⇔ 119 | Enable blackout while gobo wheels are moving |
| | | 120 ⇔ 129 | Disable gobo wheel blackout |
| | | 130 ⇔ 139 | Lamp on |
| | | 140 ⇔ 149 | Pan/tilt reset |
| | | 150 ⇔ 159 | Color wheel reset |
| | | 160 ⇔ 169 | Gobo wheel reset |
| | | 170 ⇔ 179 | Shutter/prism reset |
| | | 180 ⇔ 189 | No function |
| | | 190 ⇔ 199 | Focus reset |
| | | 200 ⇔ 209 | All reset |
| | | 210 ⇔ 219 | Enable blackout all function during pan/tilt |
| | | 220 ⇔ 229 | Disable blackout all function during pan/tilt |
| | | 230 ⇔ 239 | Lamp off |
| | | 240 ⇔ 255 | No function |

### 16CH

| Channel | Function | Value | Percent/Setting |
|---|---|---|---|
| **1** | **Pan** | 000 ⇔ 255 | 0–100% |
| **2** | **Pan fine** | 000 ⇔ 255 | Fine control (16-bit) |
| **3** | **Tilt** | 000 ⇔ 255 | 0–100% |
| **4** | **Tilt fine** | 000 ⇔ 255 | Fine control (16-bit) |
| **5** | **Pan/tilt speed** | 000 ⇔ 255 | Fast to slow |
| **6** | **Dimmer** | 000 ⇔ 255 | 0–100% |
| **7** | **Strobe** | 000 ⇔ 007 | Closed |
| | | 008 ⇔ 015 | Open |
| | | 016 ⇔ 131 | Synchronized strobe, slow to fast |
| | | 132 ⇔ 167 | Fast close, slow open (slow to fast) |
| | | 168 ⇔ 203 | Slow close, fast open (slow to fast) |
| | | 204 ⇔ 239 | Pulse strobe, slow to fast |
| | | 240 ⇔ 250 | Random strobe, slow to fast |
| | | 251 ⇔ 255 | Open |
| **8** | **Color wheel** (see Color Wheel) | 000 ⇔ 004 | Open |
| | | 005 ⇔ 008 | Red |
| | | 009 ⇔ 012 | Orange |
| | | 013 ⇔ 016 | Cyan |
| | | 017 ⇔ 020 | Light green |
| | | 021 ⇔ 024 | Light yellow |
| | | 025 ⇔ 028 | Lavender |
| | | 029 ⇔ 032 | Pink |
| | | 033 ⇔ 036 | Yellow |
| | | 037 ⇔ 040 | Magenta |
| | | 041 ⇔ 044 | Light blue |
| | | 045 ⇔ 048 | Amber |
| | | 049 ⇔ 052 | CTO 5600K |
| | | 053 ⇔ 056 | CTO 6500K |
| | | 057 ⇔ 060 | UV |
| | | 061 ⇔ 127 | Split colors |
| | | 128 ⇔ 189 | Clockwise color scroll, fast to slow |
| | | 190 ⇔ 193 | Stop |
| | | 194 ⇔ 255 | Counterclockwise color scroll, slow to fast |

| Channel | Function | Value | Percent/Setting |
|---|---|---|---|
| 9 | **Static gobo wheel** (see Gobo Wheel) | 000 ⇔ 003 | Open |
| | | 004 ⇔ 006 | Gobo 1 |
| | | 007 ⇔ 009 | Gobo 2 |
| | | 010 ⇔ 012 | Gobo 3 |
| | | 013 ⇔ 015 | Gobo 4 |
| | | 016 ⇔ 018 | Gobo 5 |
| | | 019 ⇔ 021 | Gobo 6 |
| | | 022 ⇔ 024 | Gobo 7 |
| | | 025 ⇔ 027 | Gobo 8 |
| | | 028 ⇔ 030 | Gobo 9 |
| | | 031 ⇔ 033 | Gobo 10 |
| | | 034 ⇔ 036 | Gobo 11 |
| | | 037 ⇔ 039 | Gobo 12 |
| | | 040 ⇔ 042 | Gobo 13 |
| | | 043 ⇔ 045 | Gobo 14 |
| | | 046 ⇔ 048 | Gobo 15 |
| | | 049 ⇔ 051 | Gobo 16 |
| | | 052 ⇔ 055 | Gobo 17 |
| | | 056 ⇔ 059 | Open |
| | | 060 ⇔ 063 | Gobo 1 shaking, slow to fast |
| | | 064 ⇔ 067 | Gobo 2 shaking, slow to fast |
| | | 068 ⇔ 071 | Gobo 3 shaking, slow to fast |
| | | 072 ⇔ 075 | Gobo 4 shaking, slow to fast |
| | | 076 ⇔ 079 | Gobo 5 shaking, slow to fast |
| | | 080 ⇔ 083 | Gobo 6 shaking, slow to fast |
| | | 084 ⇔ 087 | Gobo 7 shaking, slow to fast |
| | | 088 ⇔ 091 | Gobo 8 shaking, slow to fast |
| | | 092 ⇔ 095 | Gobo 9 shaking, slow to fast |
| | | 096 ⇔ 099 | Gobo 10 shaking, slow to fast |
| | | 100 ⇔ 103 | Gobo 11 shaking, slow to fast |
| | | 104 ⇔ 107 | Gobo 12 shaking, slow to fast |
| | | 108 ⇔ 111 | Gobo 13 shaking, slow to fast |
| | | 112 ⇔ 115 | Gobo 14 shaking, slow to fast |
| | | 116 ⇔ 119 | Gobo 15 shaking, slow to fast |
| | | 120 ⇔ 123 | Gobo 16 shaking, slow to fast |
| | | 124 ⇔ 127 | Gobo 17 shaking, slow to fast |
| | | 128 ⇔ 189 | Clockwise gobo scroll, fast to slow |
| | | 190 ⇔ 193 | Stop |
| | | 194 ⇔ 255 | Counterclockwise gobo scroll, slow to fast |
| 10 | **Prism 1** | 000 ⇔ 004 | No function |
| | | 005 ⇔ 255 | Prism index |
| 11 | **Prism 1 rotation** | 000 ⇔ 127 | Prism index |
| | | 128 ⇔ 189 | Clockwise rotation, fast to slow |
| | | 190 ⇔ 193 | Stop |
| | | 194 ⇔ 255 | Counterclockwise rotation, slow to fast |
| 12 | **Prism 2** | 000 ⇔ 004 | No function |
| | | 005 ⇔ 255 | Prism index |
| 13 | **Prism 2 rotation** | 000 ⇔ 127 | Prism index |
| | | 128 ⇔ 189 | Clockwise rotation, fast to slow |
| | | 190 ⇔ 193 | Stop |
| | | 194 ⇔ 255 | Counterclockwise rotation, slow to fast |

| Channel | Function | Value | Percent/Setting |
|---|---|---|---|
| **14** | **Frost** | 000 ⇔ 255 | 0–100% |
| **15** | **Focus** | 000 ⇔ 255 | 0–100% |
| **16** | **Control** | 000 ⇔ 069 | No function |
| | | 070 ⇔ 079 | Enable pan/tilt blackout |
| | | 080 ⇔ 089 | Disable pan/tilt blackout |
| | | 090 ⇔ 099 | Enable blackout while color wheel is moving |
| | | 100 ⇔ 109 | Disable color wheel blackout |
| | | 110 ⇔ 119 | Enable blackout while gobo wheels are moving |
| | | 120 ⇔ 129 | Disable gobo wheel blackout |
| | | 130 ⇔ 139 | Lamp on |
| | | 140 ⇔ 149 | Pan/tilt reset |
| | | 150 ⇔ 159 | Color wheel reset |
| | | 160 ⇔ 169 | Gobo wheel reset |
| | | 170 ⇔ 179 | Shutter/prism reset |
| | | 180 ⇔ 189 | No function |
| | | 190 ⇔ 199 | Focus reset |
| | | 200 ⇔ 209 | All reset |
| | | 210 ⇔ 219 | Enable blackout all function during pan/tilt |
| | | 220 ⇔ 229 | Disable blackout all function during pan/tilt |
| | | 230 ⇔ 239 | Lamp off |
| | | 240 ⇔ 255 | No function |

## Address

This programming level sets the DMX starting address. In this mode, each product will respond to a unique starting address from the DMX controller. All products with the same starting address will respond in unison. This option sets the products DMX address.

1. Starting from the Main Level screen, select **Address,** press **<ENTER>.**
2. Select the starting address **(001–512)**, press **<ENTER>.**

## Run Mode

This programming level sets the DMX personality and controls the different test modes.

- Starting from the Main Level screen, select **Running Mode,** press **<ENTER>**.

### DMX Personality

This setting allows you to choose a particular DMX personality.

1. Highlight **DMX**, press **<ENTER>**.
2. Select the DMX personality **16** or **19** press **<ENTER>**.

**Make sure that the starting addresses on the various products do not overlap due to the new personality setting.**

### Auto Test

This option runs every attribute individually through 1 cycle.

- Highlight **Auto Test**, press **<ENTER>**.

**The Auto Test will end after 1 full cycle. You can stop the test by pressing <MENU> at any time.**

### Manual Test

This option allows each attribute to run individually or as a group.

1. Highlight **Manual Test**, press **<ENTER>**.
2. Highlight the desired attribute listed on the control panel screen, press **<ENTER>**.
3. Set the attribute value (**000–255**), press <**ENTER**>.
4. Repeat step 2 for the other attributes.

**When exiting the Manual Test level, the values of all tested channels will revert to zero.**

## Setup

This programming level controls the product's head movement, display, dimming, and fan adjustments.

- Starting from the Main Level screen, select **Setup,** press **<ENTER>**.

### Pan Reverse

Reverses the operation of the pan attribute.

1. Highlight **Pan Reverse**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**

### Tilt Reverse

Reverses the operation of the tilt attribute.

1. Highlight **Tilt Reverse**, press **<ENTER>**.
2. Select Y**ES** or **NO**, press **<ENTER>**

### Screen Reverse

Reverses the screen display.

1. Highlight **Screen Reverse**, press **<ENTER>**.
2. Select Y**ES** or **NO**, press **<ENTER>**

### Pan Angle

This option assigns pan range.

1. Highlight **Pan Angle**, press **<ENTER>**.
2. Select **540**, **360**, or **180**, press **<ENTER>**.

### Tilt Angle

This option assigns tilt range.

1. Highlight **Tilt Angle**, press **<ENTER>**.
2. Select **270**, **180**, or **90**, press **<ENTER>**.

### BL.O.P/T Move

Enables/disables blackout on pan/tilt move.

1. Highlight **BL.O.P/T Move**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>.**

### BL.O.Color Move

Enables/disables blackout on color wheel move.

1. Highlight **BL.O.Color Move**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>.**

### BL.O.Gobo Move

Enables/disables blackout on gobo wheel move.

1. Highlight **BL.O.Gobo Move**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**.

## Lamp Controls

This programming level allows the user to change a range of options that control the action of the lamp.

- Starting from the **Setup** screen level, select **Lamp Settings**, press **<ENTER>**.

### Lamp Settings

This option turns the lamp on and off.

1. Highlight **On/Off**, press **<ENTER>**.
2. Select **ON** or **OFF**, press **<ENTER>**.

- **Do not turn product on without a lamp!**
- **ALWAYS turn the lamp off by using the DMX controller or the product's control panel, then wait at least 5 minutes before switching off the product. This will keep the fans running to extract any remaining heat from the product's head.**
- **DO NOT power cycle the product unless it is necessary.**
- **DO NOT re-strike the lamp immediately after turning it off. Chauvet recommends waiting 5 minutes before trying to re-strike the lamp.**

### Lamp State

This option determines whether the lamp turns on automatically when the product is powered up.

1. Highlight **State/Power on**, press **<ENTER>**.
2. Select **ON** or **OFF**, press **<ENTER>**.

### Remote Turn Off

This option allows a connected DMX controller to turn the lamp on/off via the control channel.

1. Highlight **Off Via Dmx**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**.

### Lamp On if DMX Present

This option determines whether the lamp turns on automatically when a DMX signal is detected.

1. Highlight **On If Dmx On**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**.

### Lamp Off if DMX Absent

This option determines whether the lamp turns off automatically when a DMX signal is lost.

1. Highlight **Off If Dmx Off**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**.

### Lamp Strike Delay

This option sets the duration of time (seconds) it takes for the lamp to turn on when powering up the product.

1. Highlight **Ignition Delay**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

### Lamp Low Power State

This attribute puts the lamp into a low power state when the shutters are closed helping to increase the life of the shutters. This option allows the user to adjust how long from the instant the shutters are closed to the time the lamp enter the low power state.

1. Highlight **Low Power Delay**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

### Lamp Timer

This procedure resets the lamp maintenance timer to **0**. It is recommended that this be done after every lamp change.

1. Highlight **Reset Lamp Time**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**.

## Maintenance Timer

This programming level allows the user to change a range of options that control the action of the maintenance timer.

- Starting from the **Setup** screen level, select **Maintenance Timer**, press **<ENTER>**.

### Maintenance Timer Interval

This option defines the amount of time (hours) that the maintenance timer will count down to.

1. Highlight **Interval Time**, press **<ENTER>**.
2. Select **000**–**250**, press **<ENTER>**.

### Maintenance Timer Reset

This procedure resets the lamp maintenance timer to **0**. It is recommended that this be done after every lamp change.

1. Highlight **Remaining Time**, press **<ENTER>**.
2. Select **RESET**, press **<ENTER>**.

## Reset Function

This programming level allows the user to reset individual functions to the home position.

- Starting from the **Setup** screen level, select **Reset Function**, press **<ENTER>**.

### Pan/Tilt Reset

This option resets the Pan/Tilt functions to the home position.

1. Highlight **Pan/Tilt**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**.

### Shutter/Prism Reset

This option resets the Shutter/Prism functions to the home position.

1. Highlight **Shutter/Prism**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**.

### Color Reset

This option resets the Color functions to the home position.

1. Highlight **Color**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**.

### Gobo Reset

This option resets the Gobo functions to the home position.

1. Highlight **Gobo**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**.

### Frost/Focus Reset

This option resets the Frost/Focus functions to the home position.

1. Highlight **Frost/Focus**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**.

### All Reset

This option resets the all the functions to the home position.

1. Highlight **All**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**.

## Factory Reset Function

This reverts the product back to its original factory settings.

1. Starting from the **Setup** screen level, select **Factory Settings**, press **<ENTER>**.
2. Select **YES** or **NO**, press **<ENTER>**.

## System Information

This programming level shows standard information regarding the product's operating status. Starting from the Main Level screen, select **Sys Info,** press **<ENTER>**.

- **Ver:** The current software version is displayed on the screen.
- **Running Mode:** The current Running mode is displayed on the screen.
- **DMX Address:** The current DMX address is displayed on the screen.
- **Temperature:** The current product temperature is displayed on the screen.
- **Fixture Time:** The product's total running time.
- **Lamp On Time:** The amount of time the lamp has been powered on is displayed on the screen.
- **Remain Time:** The amount of time remaining in maintenance cycle is displayed on the screen.
- **UID:** The product UID is displayed on the screen.
- **Fan1/Fan2 Speed:** The speed of Fan 1 or Fan 2 is displayed on the screen.

## Offset Mode

The Offset mode provides fine adjustments for the home position of all the moving parts in the optical path as well as the pan and tilt movements. This way, when in their home position, the moving parts do not show any border or reduce the light output.

1. Starting from the Main Level screen, press and hold **<MENU>** until the passcode screen appears.
2. Using **<UP>** to increase the number value and **<DOWN>** to move to the next column, enter **2323**, press **<ENTER>**. This brings you into the Zero Adjust menu screen.

### Pan

1. Highlight **PAN**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

### Tilt

1. Highlight **TILT**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

### Shutter1

1. Highlight **SHUT1**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

### Shutter2

1. Highlight **SHUT2**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

### Color

1. Highlight **COLOR**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

### Gobo

1. Highlight **GOBO**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

### Prism 1

1. Highlight **PRISM1**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**

### Rotating Prism 1

1. Highlight **PRISM1 ROTATE**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

### Prism 2

1. Highlight **PRISM2**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**

### Rotating Prism 2

1. Highlight **PRISM2 ROTATE**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

### Focus

1. Highlight **FOCUS**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

### Frost

1. Highlight **FROST**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

### Mac 4

1. Highlight **MAC4**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

### Mac 5

1. Highlight **MAC5**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

### Mac 6

1. Highlight **MAC6**, press **<ENTER>**.
2. Select **000–255**, press **<ENTER>**.

## Error Codes

See the table below for error codes and recommended solutions:

| Error Code | Possible Reason | Potential Solution |
|---|---|---|
| **COLOR** | Sensor board is damaged | Replace the color sensor board |
| | The magnetic rod of COLOR sensor board is dropped or installed upside down | Check the magnetic rod |
| **FAN1** | Fan 1 is damaged | Replace fan 1 |
| | Fan wires have poor connection | Check fan wire connection |
| **FAN2** | Fan 2 is damaged | Replace fan 2 |
| | Fan wires have poor connection | Check fan wire connection |
| **Focus** | Sensor board is damaged | Replace the focus sensor board |
| | The magnetic rod of the focus sensor board is dropped or installed upside down | Check the magnetic rod |
| **Gobo** | Sensor board is damaged | Replace the gobo sensor board |
| | The magnetic rod of the gobo sensor board is dropped or installed upside down | Check the magnetic rod |
| **Lamp Hot** | Overheated LED | Do a factory reset |
| | | Update software |
| | | Check connections |
| | | Check fan functions |
| **Prism1** | Prism1 sensor board is damaged | Replace the prism 1 sensor board |
| | The magnetic rod of the prism 1 sensor board is dropped or installed upside down | Check the magnetic rod |
| **Prism1.R** | Prism 1 rotation sensor board is damaged | Replace the prism 1 rotation sensor board |
| | The magnetic rod of the prism 1 rotation sensor board is dropped or installed upside down | Check the magnetic rod |
| **Prism2** | Prism 2 sensor board is damaged | Replace the prism 2 sensor board |
| | The magnetic rod of the prism 2 sensor board is dropped or installed upside down | Check the magnetic rod |
| **Protecting(Lamp Off)** | Lamp is off, in protection mode | Resolve issue which triggered protection mode, then turn the lamp on through the Lamp Settings |
| **X_cm** | Pan magnetic locating board is damaged | Replace the pan magnetic locating board |
| | Pan/tilt driver board is damaged | Replace the pan/tilt driver board |
| **X_op** | Pan optocoupler board is damaged | Replace the pan optocoupler board |
| | Pan/tilt driver board is damaged | Replace the pan/tilt driver board |
| **Y_cm** | Tilt magnetic locating board is damaged | Replace the tilt magnetic locating board |
| | Pan/tilt driver board is damaged | Replace the pan/tilt driver board |
| **Y_op** | Tilt optocoupler board is damaged | Replace the tilt optocoupler board |
| | Pan/tilt driver board is damaged | Replace the pan/tilt driver board |

# 5. Maintenance

## Product Maintenance

To maintain optimum performance and minimize wear, clean this product frequently. Usage and environment are contributing factors in determining the cleaning frequency.

Clean this product at least twice a month. Dust build-up reduces light output performance and can cause overheating. This can lead to reduced light source life and increased mechanical wear.

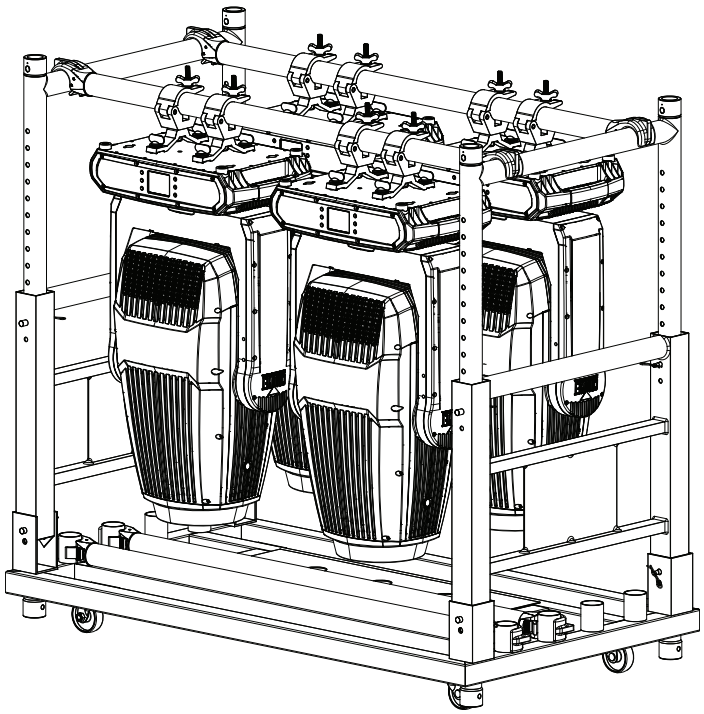
To clean the product:

1. Unplug the product from power.
2. Wait until the product is at room temperature.
3. Use a vacuum (or dry compressed air) and a soft brush to remove dust collected on the external vents.
4. Clean all transparent surfaces with a mild soap solution, ammonia-free glass cleaner, or isopropyl alcohol.
5. Apply the solution directly to a soft, lint-free cotton cloth or a lens cleaning tissue.
6. Softly drag any dirt or grime to the outside of the transparent surface.
7. Gently polish the transparent surfaces until they are free of haze and lint.

**Always dry the transparent surfaces carefully after cleaning them.**

**Do not spin the cooling fans while blowing compressed air into them.**

## Transporting on Truss or Racks



**When transporting fixtures in pre-rigged truss and transportation racks, mount fixtures in the vertical position with the lenses facing down and the pan and tilt locks engaged. This is to prevent undue stress on the tilt locks and limit the amount of off-axis bounce on internal components.**

# 6. Technical Specifications

### Dimensions and Weight

| Length | Width | Height | Weight |
|---|---|---|---|
| 12.79 in (325 mm) | 8.66 in (220 mm) | 21.65 in (550 mm) | 34.4 lb (15.6 kg) |

**Note**: Dimensions in inches rounded to the nearest hundredth.

### Power

| Power Supply Type | Range | Voltage Selection |
|---|---|---|
| Switching (internal) | 100 to 240 VAC, 50/60 Hz | Auto-ranging |

| Parameter | 100 V, 60 Hz | 120 V, 60 Hz | 208 V, 60 Hz | 230 V, 50 Hz | 240 V, 50 Hz |
|---|---|---|---|---|---|
| Consumption | 422 W | 418 W | 411 W | 411 W | 406 W |
| Operating current | 4.20 A | 3.55 A | 1.98 A | 1.78 A | 1.68 A |
| Fuse | F7A, 250 V | F7A, 250 V | F7A, 250 V | F7A, 250 V | F7A, 250 V |

| Power I/O | U.S./Canada | Worldwide |
|---|---|---|
| Power input connector | Neutrik® powerCON® power cable | Neutrik® powerCON® power cable |
| Power cable plug | Edison (U.S.) | Local plug |

### Light Source

| Type | Color Temperature | Lifespan |
|---|---|---|
| 300W NSL Ushio lamp | 7657 K | 8,000 hours |

### Photometrics

| Beam angle | Field angle | Cutoff angle | Illuminance @ 15 m |
|---|---|---|---|
| 0.8° | 1.6° | 2° | 208,006 lux |

### Thermal

| Ambient Temperature Range | Cooling System |
|---|---|
| -4 °F to 113 °F (-20° C to 45 °C) | Fan-assisted convection |

### Acoustics

| Settings | Idle | Auto | Max |
|---|---|---|---|
| Sound pressure level (dBA @ 1 m) | _41.6 | _37.9_ | _38.4_ |

### DMX

| I/O Connector | Channel Range |
|---|---|
| 3- and 5-pin XLR | 16 or 19 |

### Ordering

| Product Name | Item Code | UPC Number |
|---|---|---|
| Rogue R3 Beam | 08011732 | 781462220716 |

UL 1573
CSA C22.2 No. 166
E113093

# Contact Us

| General Information | Technical Support |
|---|---|
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Visit the applicable website above to verify our contact information and instructions to request support. Outside the U.S., U.K., Ireland, Mexico, France, Germany, or Benelux, contact the dealer of record.