ROGUE OUTCAST 1L BEAM

User Manual

Model ID: ROGUEOUTCAST1LBEAM

CHAUVET PROFESSIONAL

Edition Notes

The Rogue Outcast 1L Beam User Manual includes a description, safety precautions, installation, programming, operation, and maintenance instructions for the Rogue Outcast 1L Beam.

Trademarks

Chauvet, Chauvet Professional, the Chauvet logo, Rogue, Outcast, and Rogue Outcast are registered trademarks or trademarks of Chauvet & Sons, LLC (d/b/a Chauvet and Chauvet Lighting) in the United States and other countries. Other company and product names and logos referred to herein may be trademarks of their respective companies.

Copyright Notice

The works of authorship contained in this manual, including, but not limited to, all designs, text, and images are owned by Chauvet.

© Copyright 2023 Chauvet & Sons, LLC. All rights reserved.

Electronically published by Chauvet in the United States of America.

Manual Use

Chauvet authorizes its customers to download and print this manual for professional information purposes only. Chauvet expressly prohibits the usage, copy, storage, distribution, modification, or printing of this manual or its content for any other purpose without written consent from Chauvet.

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.

Disclaimer

Chauvet believes that the information contained in this manual is accurate in all respects. However, Chauvet assumes no responsibility and specifically disclaims any and all liability to any party for any loss, damage or disruption caused by any errors or omissions in this document, whether such errors or omissions result from negligence, accident or any other cause. Chauvet reserves the right to revise the content of this document without any obligation to notify any person or company of such revision, however, Chauvet has no obligation to make, and does not commit to make, any such revisions. Download the latest version from www.chauvetprofessional.com

Document Revision

This is revision 2 of the Rogue Outcast 1L Beam User Manual. Go to www.chauvetprofessional.com for the latest version.

TABLE OF CONTENTS

1. Before You Begin

What Is Included

- Rogue Outcast 1L Beam
- Seetronic Powerkon IP65 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 a 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.

Text Conventions

Convention	Meaning
1–512	A range of values
50/60	A set of values of which only one can be chosen
Settings	A menu option not to be modified
<ENTER>	A key to be pressed on the product's control panel

Symbols

Symbol	Meaning
⚠	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.

⚠ **Any reference to data or power connections in this manual assumes the use of Seetronic IP-rated cables.**

📝 **The term "DMX" used throughout this manual refers to the USITT DMX512-A digital data transmission protocol.**

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.
- 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.
    - When using an IP65-rated product in an outdoor environment, use IP65- (or higher) rated power and data cable.
    - Replace and secure IP-rated protective covers to all power, data, USB, or other ports when not in use.
    - 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 within 20 cm of 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.
    - Submerge this product (adhere to standards for the published IP rating). Regular outdoor operation is fine.
    - Permanently install outdoors in locations with extreme environmental conditions. This includes, but is not limited to:
        - Exposure to a marine/saline environment (within 3 miles of a saltwater body of water).
        - Locations where normal temperatures exceed the temperature ranges in this manual.
        - Locations that are prone to flooding or being buried in snow.
        - Other areas where the product will be subject to extreme radiation or caustic substances.
- ONLY use the handles or the hanging/mounting brackets to carry this product.
- The maximum ambient temperature is 113 °F (45 °C). Do not operate this product at higher 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.

📝 **If a Chauvet product requires service, contact Chauvet Technical Support.**

Expected LED Lifespan

Over time, use and heat will gradually reduce LED brightness. Clustered LEDs produce more heat than single LEDs, contributing to shorter lifespans if always used at full intensity. The average LED lifespan is 40,000 to 50,000 hours. To extend LED lifespan, maintain proper ventilation around the product, and limit the overall intensity..

2. Introduction

Description
The Rogue Outcast 1L Beam is an IP65 moving head that outputs an intensely bright 140 W beam with 14-position, individually controllable color wheel for solid and split hues. The outdoor-ready unit raises the bar in dynamic effect options with its ability to focus down to a pencil-thin 1.4° beam for tight aerials, overlapping 8- and 5-facet prisms, frost for even light distribution, and 14 rotating and static gobos for even more creative options. Control is over DMX and RDM.

Features
- Fully featured, high powered, IP65-rated LED beam fixture with a single color wheel, single gobo wheel, rotating and static gobos, and layerable prisms in a lightweight and durable aluminum / magnesium casing.
- Fast and precise movement of pan and tilt functions.
- Individually controllable and layerable 5- and 8-facet prisms.
- Frost for even light distribution.
- 5-pin DMX input/output connections.
- Tight 1.4° beam for extremely focused areal effects.
- RDM enabled for remote addressing and troubleshooting.
- 7 rotating and 7 static gobos on one wheel for dynamic gobo effects.
- Easy to read OLED display with simple, effective menu options.
- Simple and complex DMX channel profiles for programming versatility.
- USB-C port for uploading software.

Product Overview

Handles

Display screen   Menu buttons

5-pin DMX in/out   Fuse

Condensation Valve

Power input/output

Product Dimensions

12.56 in
319mm

8.82 in
224mm

19.88 in
505mm

13.58 in
345mm

11.93 in
303mm

3.03 in
77mm

11.93 in
303mm

ROGUE

8.58 in
218 mm

7.56 in
192mm
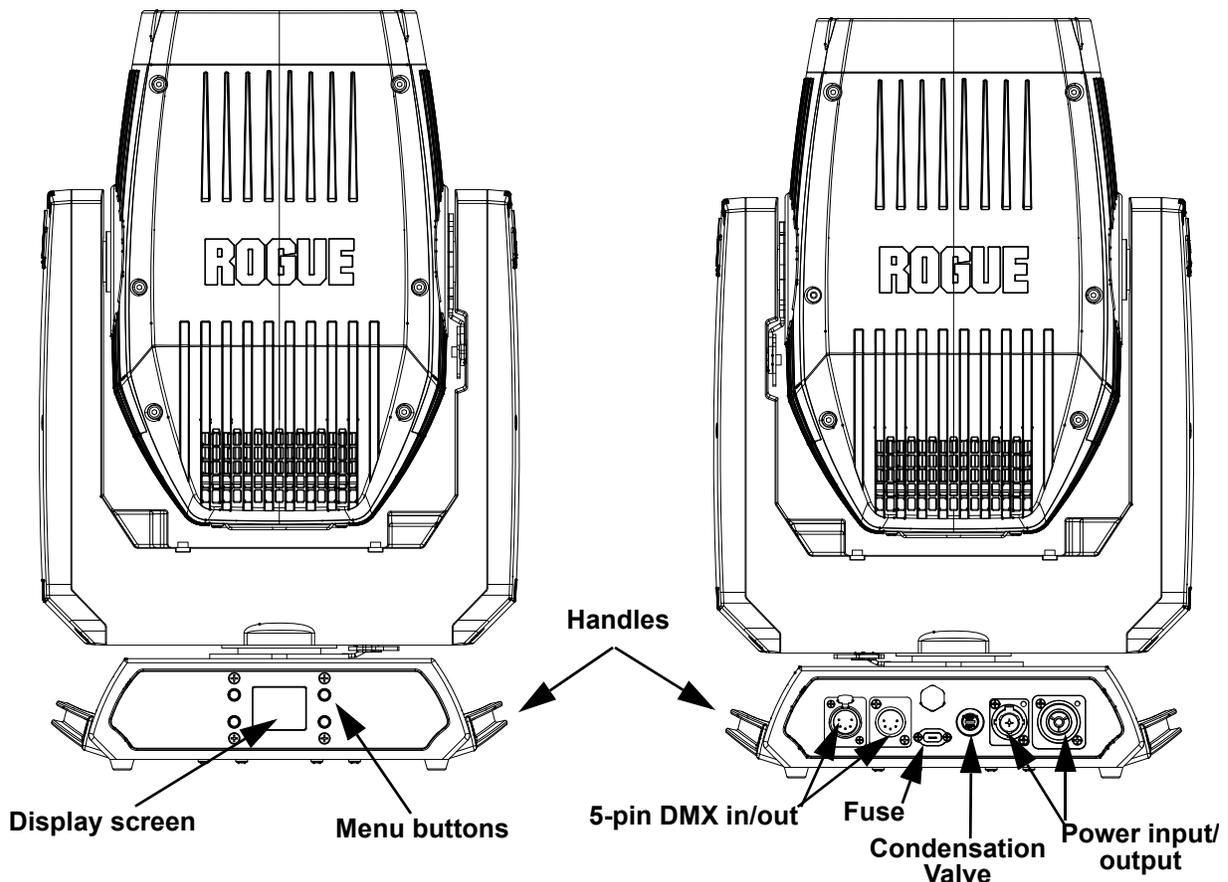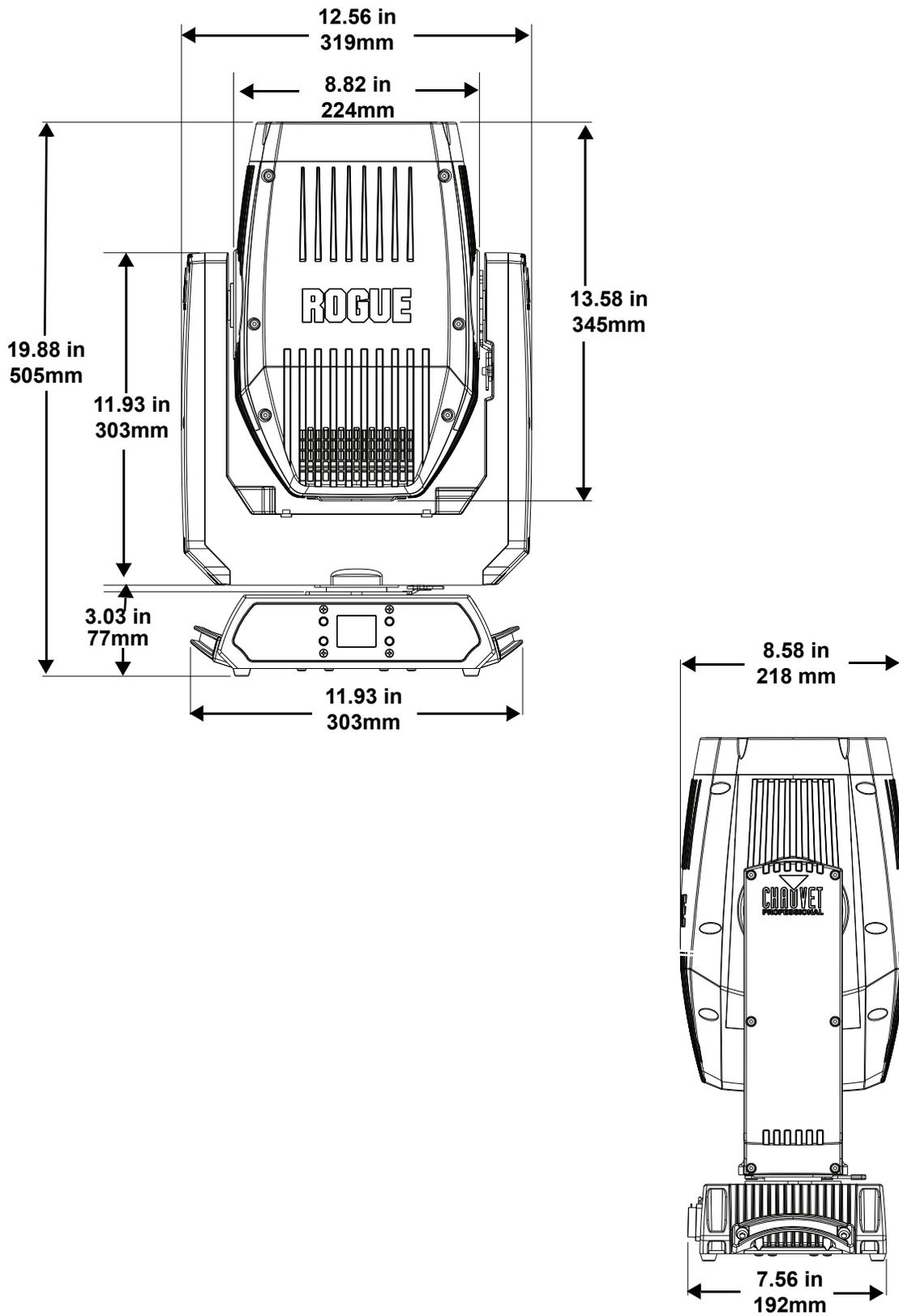
3. Setup

AC Power

The Rogue Outcast 1L Beam has an auto-ranging power supply, and it can work with an input voltage range of 100 to 240 VAC, 50/60 Hz.

To determine the product's power requirements (circuit breaker, power outlet, and wiring), use the current value listed on the label affixed to the product's back panel, or refer to the product's specifications chart. The listed current rating indicates the product's average current draw under normal conditions.

⚠️ • **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 Outcast 1L Beam comes with a power input cord terminated with a Seetronic Powerkon IP65 connector on one end and an Edison plug on the other end (U.S. market). If the power input cord that came with the product has no plug, or if the plug needs to be changed, 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 (T 5 A, 250 V).
4. Screw the fuse holder cap back in place and reconnect power.

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

Power Linking

This product comes with a power input cord. Power-linking cables are available from Chauvet for purchase.It is possible to power link Rogue Outcast 1L Beam products. See the table below for the current draw at each voltage and frequency:

	100 V, 60 Hz	120 V, 60 Hz	208 V, 60 Hz	230 V, 50 Hz	240 V, 50 Hz
Current Draw	2.45 A	2.08 A	1.15A	1.04 A	1.01 A

Never exceed 12 A on a single circuit. Power-linking cables can be purchased separately

DMX Linking

The Rogue Outcast 1L Beam can be linked to a DMX controller using a 5-pin DMX connection. If using other DMX-compatible products with this product, each can be controlled individually with a single DMX controller.

DMX Personalities

The Rogue Outcast 1L Beam uses a 5-pin DMX data connection for the 17- 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 Outcast 1L 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 Outcast 1L Beam supports RDM protocol that allows feedback to make changes to menu map options.

USB Software Update

The Rogue Outcast 1L Beam allows for software updates with a USB device using the built-in USB port. To update the software using a USB flash drive, do the following:

1. Power on the product, and plug the flash drive into the USB port.
2. Once the flash drive has been detected, the message "**USB UPDATE**" will be displayed. Press **<YES>**.
3. The next screen will show the software versions available for this fixture on the USB drive. If the user has multiple versions of software for the same fixture, arrow down to the version the user wants to load. Press **<ENTER>**.
4. The "**USB UPDATE**" screen will re-appear. Press **<YES>**.
5. The upgrade will start. **DO NOT** turn off the power or disconnect the USB while the USB LED is still blinking during the process. The screen display will read: "**USB UPDATE WAIT**". USB update can take several minutes to complete.

⚠️ **When the USB stops blinking, all the motors will power down and the display will go blank. DO NOT turn off the power. The fixture will automatically reboot when the update is done.**

6. Go to **Sys Info** on the product's menu map and confirm the firmware revision.
7. When the boot-up process is finished, restart the product..

📝 • **Place the .chl file in the root directory of the USB drive.**
• **The product's USB port supports up to 32GB capacity and only works with FAT32 file format.**

⚠️ **Turning off the power or removing the USB while still blinking during the update will cause partial or total firmware failure in the targeted fixture(s). If this occurs, the user will need the UPLOAD 08 device to fix this. Please contact Chauvet regarding this device.**

Mounting

Before mounting the product, read and follow the safety recommendations indicated in the Safety Notes.

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 the product is being mounted can support the product's weight (see 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 Outcast 1L Beam comes with 2 Omega brackets. The user can directly attach mounting clamps (sold separately) to these omega brackets. 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

Mounting clamp
(such as **CTC-50** or **CTC-50HCN**
from Chauvet)

Safety cable
(such as **CH-05** from Chauvet)

Omega bracket
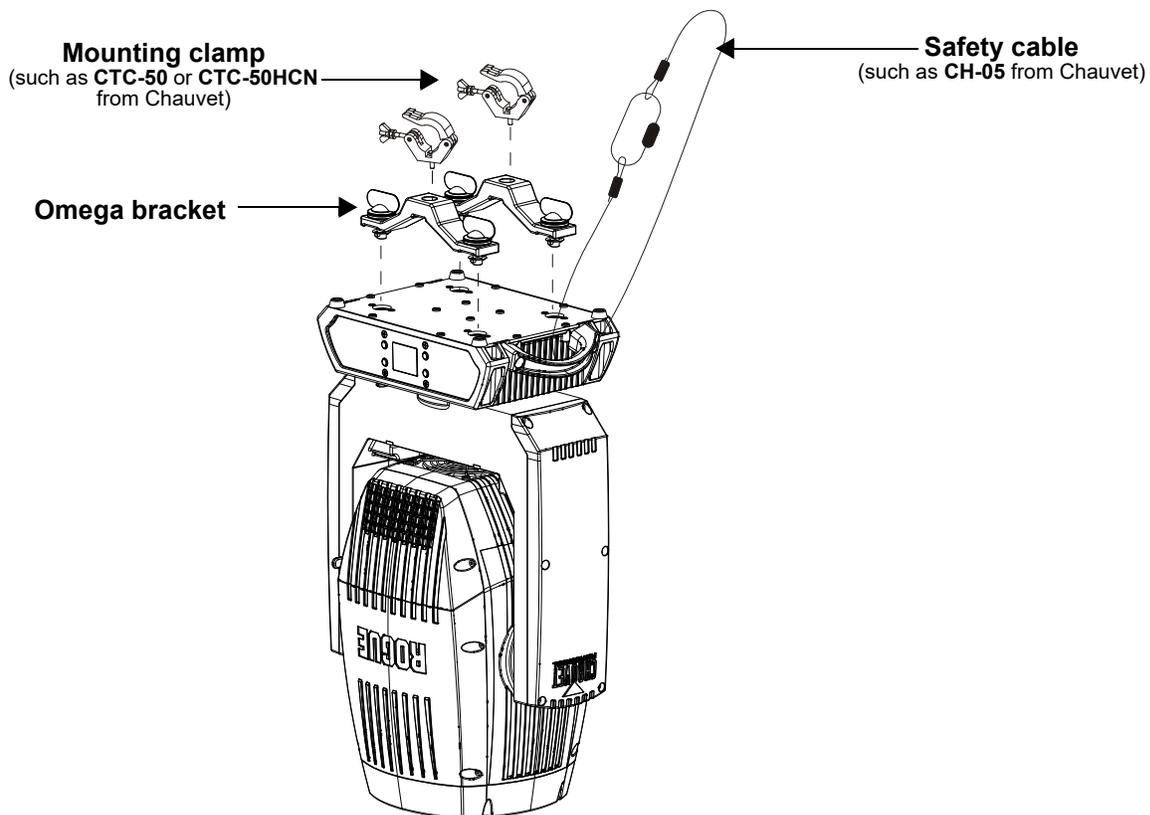
4. Operation

Control Panel Operation

Button	Function
<MENU>	Exits from the current menu or function
<UP>	Enables the selected menu or sets the selected value in to the current function
<DOWN>	Navigates upward through the menu list or increases the numeric value when in a function
<ENTER>	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 show 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. This will show the selected value or the first option of the next programming level.
- Press **<MENU>** repeatedly to exit to the previous main level.

Control Panel Lock

This setting enables the user 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**.

> The product will prompt for a passcode to access the product's main programming level when the control panel lock is activated. Enter the following passcode: **<UP>**, **<DOWN>**, **<UP>**, **<DOWN>**, **<ENTER>**

Menu Map

Refer to the Rogue Outcast 1L 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**	**17CH**		Selects the DMX personality
		19CH		
	Auto Test			Auto test all functions
	Manual Test	**Pan**	**0–255**	Manually control and test all settings through the control panel
		Pan Fine		
		Tilt		
		Tilt Fine		
		P/T Speed		
		Dimmer		
		Dimmer Fine		
		Shutter		
		Color		
		Gobo		
		Gobo Rotate		
		Prism1		
		Prism1 Rotate		
		Prism2		
		Prism2 Rotate		
		Frost		
		Focus		
		Fine focus		
		Special Function		
Setup	**Pan Reverse**	**ON**		Reversed pan
		OFF		Normal pan
	Tilt Reverse	**ON**		Reversed tilt
		OFF		Normal tilt
	Screen Reverse	**YES**		Inverted screen display
		NO		Normal screen display
		AUTO		Automatic 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		Disable blackout while panning/tilting
	BL. O. Color Move	**YES**		Blackout while color wheel is moving
		NO		Disable blackout while color wheel is moving
	BL. O. Gobo Move	**YES**		Blackout while gobo wheels are moving
		NO		Disable blackout while gobo wheels are moving

Main Level	Programming Levels		Description
Setup (cont.)	**Backlight Timer**	**30S**	Display turns off after 30 seconds
		1M	Display turns off after 1 minute
		5M	Display turns off after 5 minutes
		ON	Display stays on
	PWM Option	**600Hz**	Sets the Pulse Width Modulation frequency
		1200Hz	
		2000Hz	
		4000Hz	
		6000Hz	
		15000Hz	
	Fan Mode	**Auto**	Fan speed according to product temperature
		Full	Fan speed set on high
		ECO	Quiet mode
	USB Update	**NO**	Enables/disables software update using USB
		YES	
	Reset Function	**Pan/Tilt**	Reset individual functions or all functions from start-up
		Prism	
		Color	
		Gobo/ Gobo Rotate	
		Frost/Focus	
		All	
		YES NO	
	Factory Settings	**YES**	Reset to factory default settings
		NO	
Sys Info	**Ver:**	**V_**	Shows firmware version
	Running Mode:	**_ _ _**	Shows current running mode
	DMX Address:	**_ _ _**	Shows current DMX address
	Temperature:	**_ _ C**	Shows the product's temperature in °C
	Fixture Hours	**_ _ _ _ _**	Shows number of hours product has been powered on
	LED Hours:	**_ _ _ _ _**	Shows number of hours LED has been on
	UID:	**_ _ _ _ _ _ _ _ _ _ _ _**	Shows product UID
	Fan 1	**_ _ _ _**	Shows fan speed
	Fan 2	**_ _ _ _**	
	Base Fan 1	**_ _ _ _**	Shows base fan speed
	Base Fan 2	**_ _ _ _**	

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.

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

DMX Personality

This setting allows users to choose a particular DMX personality.

1. Highlight **DMX**, press **<ENTER>**.
2. Select the DMX personality **17CH** or **19CH**, then press **<ENTER>**.

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

Control Channel Assignments and Values

17CH	19CH	Function	Value	Percent/Setting
1	**1**	**Pan**	000 ⇔ 255	0–100%
2	**2**	**Pan fine**	000 ⇔ 255	Fine control (16-bit)
3	**3**	**Tilt**	000 ⇔ 255	0–100%
4	**4**	**Tilt fine**	000 ⇔ 255	Fine control (16-bit)
5	**5**	**Pan/tilt speed**	000 ⇔ 255	Fast to slow
6	**6**	**Dimmer**	000 ⇔ 255	0–100%
–	**7**	**Dimmer fine**	000 ⇔ 255	Fine control (16-bit)
7	**8**	**Strobe**	000 ⇔ 003	No function
			004 ⇔ 007	On
			008 ⇔ 076	Synchronized strobe, slow to fast
			077 ⇔ 145	Pulse strobe, slow to fast
			146 ⇔ 215	Random strobe, slow to fast
			216 ⇔ 255	On
8	**9**	**Color wheel**	000 ⇔ 003	Open
			004 ⇔ 007	Red
			008 ⇔ 011	Orange
			012 ⇔ 015	Cyan
			016 ⇔ 019	Light green
			020 ⇔ 023	Light yellow
			024 ⇔ 027	Lavender
			028 ⇔ 031	Pink
			032 ⇔ 035	Yellow
			036 ⇔ 039	Magenta
			040 ⇔ 043	Light blue
			044 ⇔ 047	Amber
			048 ⇔ 051	CTO 5600K
			052 ⇔ 055	CTO 6500K
			056 ⇔ 059	UV
			060 ⇔ 187	Split colors
			188 ⇔ 219	Clockwise color scroll, fast to slow
			220 ⇔ 223	Stop
			224 ⇔ 255	Counterclockwise color scroll, slow to fast

17CH	19CH	Function	Value	Percent/Setting
9	10	**Rotating gobo wheel** (see Mounting)	000 ⇔ 003	Open
			004 ⇔ 007	Gobo 1
			008 ⇔ 011	Gobo 2
			012 ⇔ 015	Gobo 3
			016 ⇔ 019	Gobo 4
			020 ⇔ 023	Gobo 5
			024 ⇔ 027	Gobo 6
			028 ⇔ 031	Gobo 7
			032 ⇔ 035	Gobo 8
			036 ⇔ 039	Gobo 9
			040 ⇔ 043	Gobo 10
			044 ⇔ 047	Gobo 11
			048 ⇔ 051	Gobo 12
			052 ⇔ 055	Gobo 13
			056 ⇔ 063	Gobo 14
			064 ⇔ 071	Gobo 14 shaking, slow to fast
			072 ⇔ 075	Gobo 13 shaking, slow to fast
			076 ⇔ 079	Gobo 12 shaking, slow to fast
			080 ⇔ 083	Gobo 11 shaking, slow to fast
			084 ⇔ 087	Gobo 10 shaking, slow to fast
			088 ⇔ 091	Gobo 9 shaking, slow to fast
			092 ⇔ 095	Gobo 8 shaking, slow to fast
			096 ⇔ 099	Gobo 7 shaking, slow to fast
			100 ⇔ 103	Gobo 6 shaking, slow to fast
			104 ⇔ 107	Gobo 5 shaking, slow to fast
			108 ⇔ 111	Gobo 4 shaking, slow to fast
			112 ⇔ 115	Gobo 3 shaking, slow to fast
			116 ⇔ 119	Gobo 2 shaking, slow to fast
			120 ⇔ 123	Gobo 1 shaking, slow to fast
			124 ⇔ 131	Open
			132 ⇔ 191	Clockwise gobo scroll, fast to slow
			192 ⇔ 255	Counterclockwise gobo scroll, slow to fast
10	11	**Gobo rotation**	000 ⇔ 063	Gobo index
			064 ⇔ 145	Gobo rotation, fast to slow
			146 ⇔ 149	Stop
			150 ⇔ 231	Reverse gobo rotation, slow to fast
			232 ⇔ 255	Bounce effect, short to long
11	12	**Prism 1**	000 ⇔ 004	No function
			005 ⇔ 255	Prism insert
12	13	**Rotating prism 1**	000 ⇔ 127	Prism index
			128 ⇔ 189	Clockwise rotation, fast to slow
			190 ⇔ 193	Stop
			194 ⇔ 255	Counterclockwise rotation, slow to fast
13	14	**Prism 2**	000 ⇔ 004	No function
			005 ⇔ 255	Prism index

| 17CH	19CH	Function	Value	Percent/Setting
14	**15**	**Rotating prism 2**	000 ⇔ 127	Prism index
			128 ⇔ 189	Clockwise rotation, fast to slow
			190 ⇔ 193	Stop
			194 ⇔ 255	Counterclockwise rotation, slow to fast
15	**16**	**Frost**	000 ⇔ 255	0–100%
16	**17**	**Focus**	000 ⇔ 255	0–100%
–	**18**	**Fine focus**	000 ⇔ 255	Fine control (16-bit)
17	**19**	**Control**	000 ⇔ 007	No function
			008 ⇔ 015	Pan/tilt blackout
			016 ⇔ 023	Color blackout
			024 ⇔ 031	Gobo blackout
			032 ⇔ 039	Pan/tilt/color blackout
			040 ⇔ 047	Pan/tilt/gobo blackout
			048 ⇔ 055	Pan/tilt/color/gobo blackout
			056 ⇔ 095	No function
			096 ⇔ 103	Pan reset
			104 ⇔ 111	Tilt reset
			112 ⇔ 119	Color reset
			120 ⇔ 127	Gobo reset
			128 ⇔ 135	No function
			136 ⇔ 143	Prism reset
			144 ⇔ 151	Focus reset
			152 ⇔ 159	All reset
			160 ⇔ 167	No function
			168 ⇔ 231	Frost reset
			232 ⇔ 255	No function

Gobo Wheel

The Rogue Outcast 1L Beam includes one gobo wheel with 14 fixed gobos plus open. The diagram shows the gobo number on the wheel as numbered in the tables.
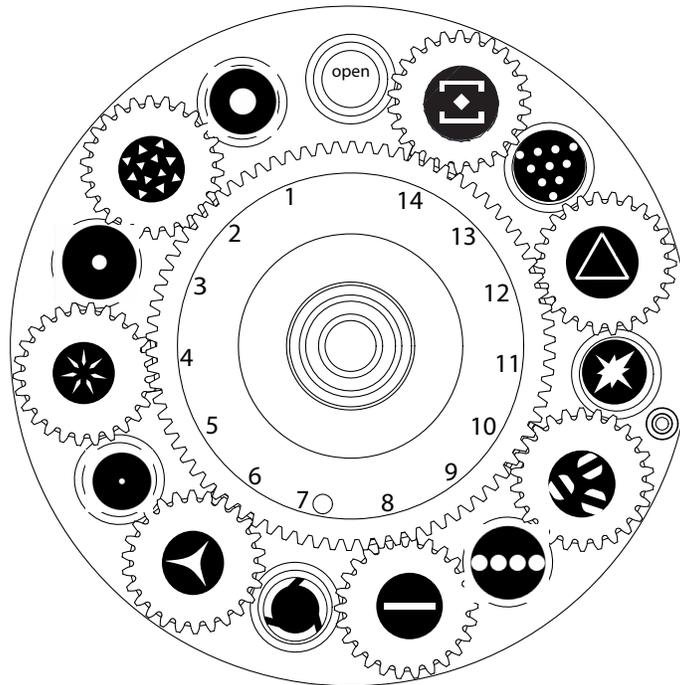
Color Wheel

The Rogue Outcast 1L 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 tables.
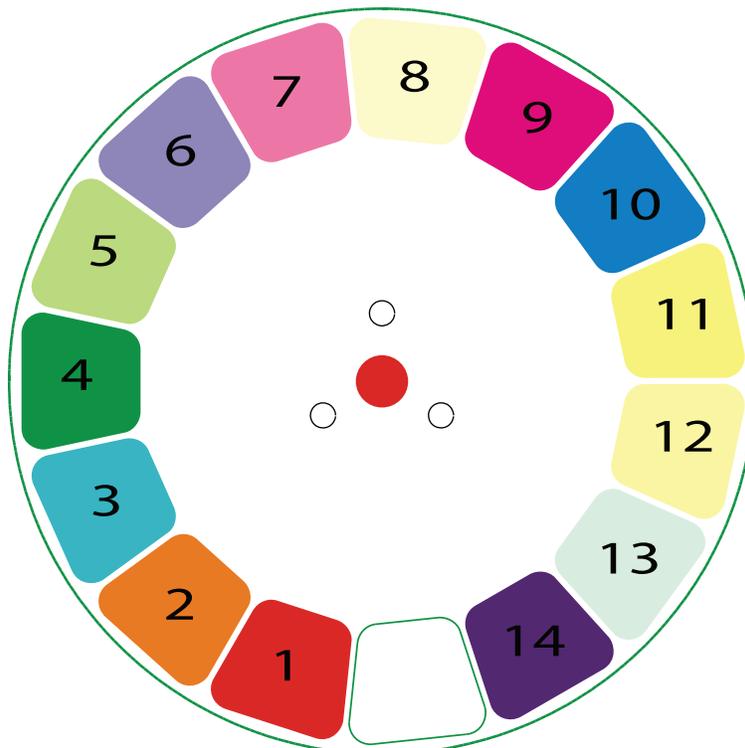
Auto Test
This option runs every attribute individually through one cycle.
1. Highlight **Auto Test**.
2. Press **<ENTER>**.

> The **Auto Test** will end after one full cycle. Users 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, lamp settings, and maintenance 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 **ON** (reverse pan) or **OFF** (normal pan), press **<ENTER>**.

Tilt Reverse
Reverses the operation of the tilt attribute.
1. Highlight **Tilt Reverse**, press **<ENTER>**.
2. Select **ON** (reverse tilt) or **OFF** (normal tilt), press **<ENTER>**.

Screen Reverse
To set the orientation of the display:
1. Go to the **Setup** main level.
2. Select the **Screen Rev** option.
3. Select from **NO** (right-side up), **YES**(upside-down) or **AUTO**.

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 **90**, **180**, or **270**, 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** (blackout while panning/tilting) or **NO** (disable blackout while panning/tilting), press **<ENTER>**.

BL.O. Color Move

Enables/disables blackout on color wheel move.
1. Highlight **BL.O.Color Move**, press **<ENTER>**.
2. Select **YES** (blackout while color wheel is moving) or **NO** (disable blackout while color wheel is moving), press **<ENTER>.**

BL.O. Gobo Move

Enables/disables blackout on gobo wheel move.
1. Highlight **BL.O.Gobo Move**, press **<ENTER>**.
2. Select **YES** (blackout while gobo wheel is moving) or **NO** (disable blackout while gobo wheel is moving), press **<ENTER>**.

Backlight Timer

To set the length of time before an inactive display will turn off:
1. Select the **Backlight Timer** option.
2. Select the length of the backlight timer, from **30S** (30 seconds), **1M** (1 minute), **5M** (5 minutes), or **ON** (always on).

Pulse Width Modulation

To adjust the frequency of the pulse width modulation:
1. Select the **PWM Option** option.
2. Select the frequency, from **600Hz**, **1200Hz**, **2000Hz**, **4000Hz**, **6000Hz**, or **15000Hz**.
3. Press **<ENTER>**.

Fan Mode

To set the fan speed mode:
1. Select the **Fans** option.
2. Select the fan mode, from **Auto** (fan speed adjusts to product temperature), **Full** (fan speed at maximum), or **ECO** (quiet mode).

USB Update

To enable or disable software update using USB:
1. Select the **USB Update** option.
2. Select **NO** (disables software update through USB) or **YES** (enables software update through USB).

Reset Function

This programming level allows the user to reset individual functions to the home position.
1. Starting from the **Setup** screen level, select **Reset Function**.
2. 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>**.

Prism Reset
This option resets the prism functions to the home position.
1. Highlight **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/Gobo Rotate Reset
This option resets the gobo functions to the home position.
1. Highlight **Gobo/ Gobo Rotate**, 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 resets 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 Hours:** The product's total running time is displayed on the screen
- **LED Hours:** The LED's total running time is displayed on the screen.
- **UID:** The product's UID is displayed on the screen.
- **Fan 1/Fan 2:** The product's fan speed is displayed on the screen.
- **Base Fan 1/Base Fan 2:** The product's base fan speed is displayed on the screen.

Offset Mode
The Offset mode provides fine adjustments for the home position of every moving part in the optical path as well as the pan and tilt movements. To adjust these options and prevent borders showing or reduction of the light output:
1. From the main level screen, press and hold **<MENU>** until the passcode screen appears.
2. Enter the passcode: **2323** and press **<ENTER>**.
3. Select the "zero" position to adjust, from **PAN**, **TILT**, **COLOR, GOBO, GOBO ROTATE, PRISM1, PRISM2, ROTATE2, FROST, FOCUS, DIMMER, RDM4, RDM5, RDM6**.
4. Adjust the "zero" position for the selected function from **000–255**.

5. Maintenance

Product Maintenance

Dust build-up reduces light output performance and can cause overheating. This can lead to reduction of the light source's life and/or mechanical wear. To maintain optimum performance and minimize wear, clean all lighting products at least twice a month. However, be aware that usage and environmental conditions could be contributing factors to increase the cleaning frequency.

To clean the product, follow the instructions below:

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 surface/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.**

6. Technical Specifications

Dimensions and Weight

Length	Width	Height	Weight
12.56 in (319 mm)	8.58 in (218 mm)	19.88 in (505 mm)	35.4 lb (16.1 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	235 W	233 W	226 W	223 W	224 W
Operating current	2.45 A	2.08 A	1.15 A	1.04 A	1.01 A
Fuse	T 5 A, 250 V	T 5 A, 250 V	T 5 A, 250 V	T 5 A, 250 V	T 5 A, 250 V

Power I/O	U.S./Canada	Worldwide
Power input connector	Seetronic Powerkon IP65 power cord	Seetronic Powerkon IP65 power cord
Power output connector	Seetronic Powerkon IP65 power cord	Seetronic Powerkon IP65 power cord
Power cord plug	Bare end	Local plug

Light Source

Type	Power	Lifespan
LED	140 W	50,000 hours

Photometrics

Beam Angle	Field Angle	Cutoff Angle	Illuminance @ 5 m
1.4°	1.7°	1.8°	224,670 lux

Thermal

Maximum External Temperature	Cooling System
113 °F (45 °C)	Convection

DMX

I/O Connector	Channel Range
5-pin XLR	17 or 19

Ordering

Product Name	Item Code	UPC Number
Rogue Outcast 1L Beam	08011930	781462222789

UL 1573
CSA C22.2 No. 166
E113093

RoHS

Contact Us

General Information	Technical Support
Chauvet World Headquarters	
Address: 3360 Davie Rd.	Voice: (844) 393-7575
Davie, FL 33314	Fax: (954) 756-8015
Voice: (954) 577-4455	Email: chauvetcs@chauvetlighting.com
Fax: (954) 929-5560	
Toll Free: (800) 762-1084	Website: www.chauvetprofessional.com
Chauvet U.K.	
Address: Pod 1 EVO Park	Email: UKtech@chauvetlighting.eu
Little Oak Drive, Sherwood Park	
Nottinghamshire, NG15 0EB	Website: www.chauvetprofessional.eu
UK	
Voice: +44 (0) 1773 511115	
Fax: +44 (0) 1773 511110	
Chauvet Benelux	
Address: Stokstraat 18	Email: BNLtech@chauvetlighting.eu
9770 Kruishoutem	
Belgium	Website: www.chauvetprofessional.eu
Voice: +32 9 388 93 97	
Chauvet France	
Address: 3, Rue Ampère	Email: FRtech@chauvetlighting.fr
91380 Chilly-Mazarin	
France	Website: www.chauvetprofessional.eu
Voice: +33 1 78 85 33 59	
Chauvet Germany	
Address: Bruno-Bürgel-Str. 11	Email: DEtech@chauvetlighting.de
28759 Bremen	
Germany	Website: www.chauvetprofessional.eu
Voice: +49 421 62 60 20	
Chauvet Mexico	
Address: Av. de las Partidas 34 - 3B (Entrance by Calle 2)	Email: servicio@chauvet.com.mx
Zona Industrial Lerma	Website: www.chauvetprofessional.mx
Lerma, Edo. de México, CP 52000	
Voice: +52 (728) 690-2010	

Warranty & Returns

For warranty terms and conditions and return information, please visit our website.

For customers in the United States and Mexico: www.chauvetlighting.com/warranty-registration.

For customers in the United Kingdom, Republic of Ireland, Belgium, the Netherlands, Luxembourg, France, and Germany: www.chauvetlighting.eu/warranty-registration.