ROGUE OUTCAST 3 SPOT

User Manual



Model ID: ROGUEOUTCAST3SPOT

CHAUVET PROFESSIONAL

Edition Notes

The Rogue Outcast 3 Spot User Manual includes a description, safety precautions, installation, programming, operation, and maintenance instructions for the Rogue Outcast 3 Spot as of the release date of this edition.

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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
4	11/2026	Updated Tech. Specs section.

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1. Before You Begin

What Is Included

- Rogue Outcast 3 Spot
- 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.
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.

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.
- The minimum startup temperature is -4°F (-20°C). Do not start the product at lower temperatures.
- The minimum ambient temperature is 14°F (-10°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.



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

FCC 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.

Expected LED Lifespan

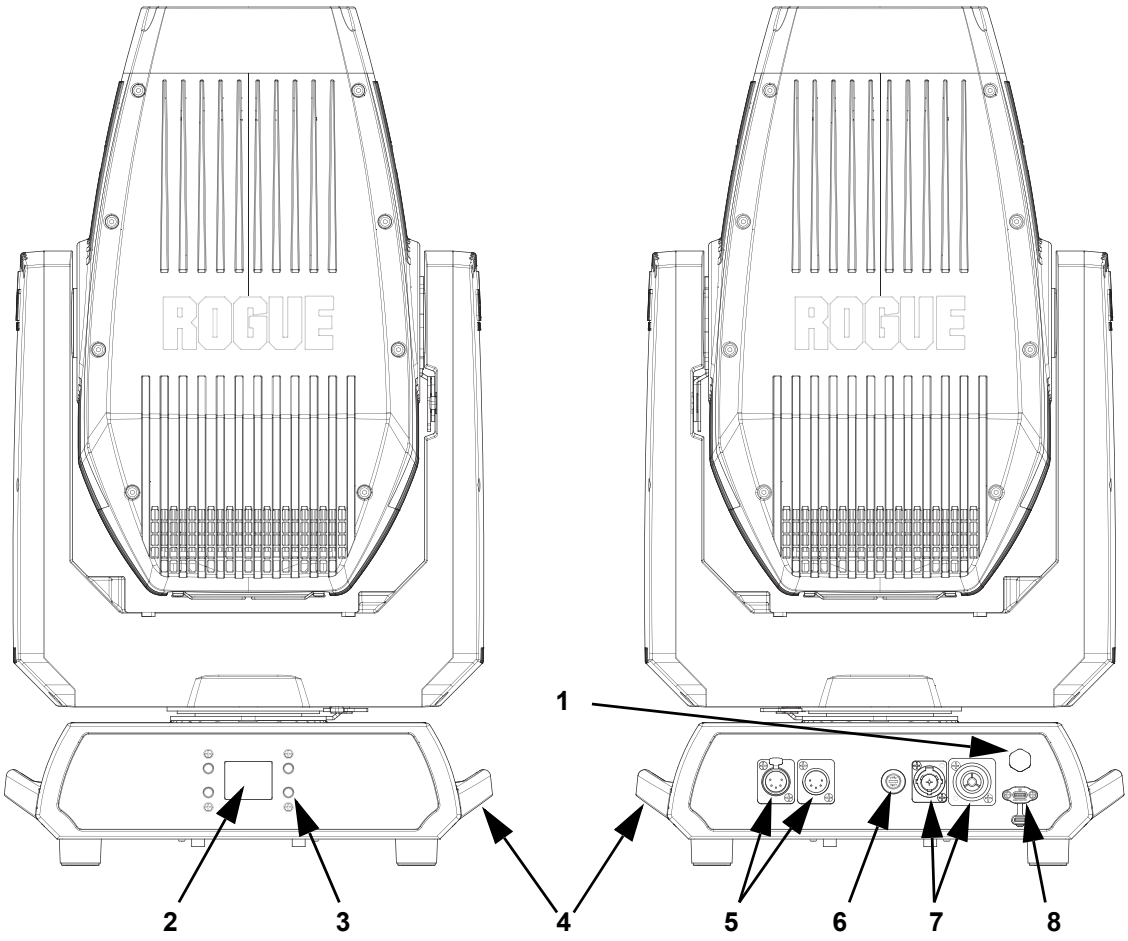
Over time, use and heat will gradually reduce LED brightness. Clustered LEDs produce more heat than single LEDs, contributing to shorter lifespans if always used at full intensity. The average LED lifespan is 40,000 to 50,000 hours. To extend LED lifespan, maintain proper ventilation around the product,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

2. Introduction

Features

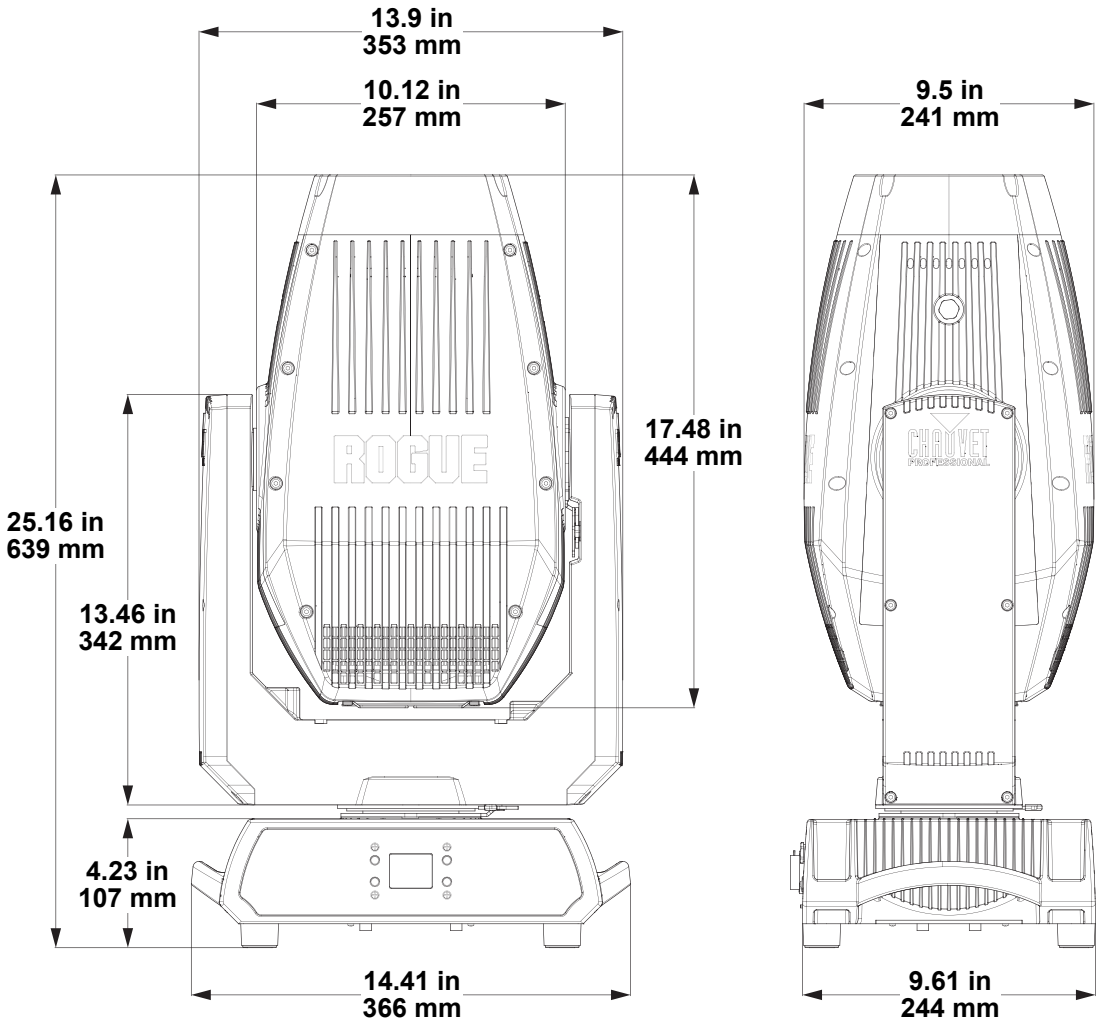
- IP65 rated LED Spot with (2) color wheels, a static and rotating gobo wheel, motorized zoom, Iris, 5 facet prism, encased in a lightweight aluminum and magnesium alloy
- Zoom range of 4.5° to 40.4° to easily cover stages and surfaces from a distance
- Perfect gobo morphing between gobo wheels
- Two color wheels with 7 colors, split color ability, and continuous variable speed scrolling
- Two gobo wheels: one fixed scrolling wheel and one rotating, interchangeable, scrolling wheel
- Iris, 5-facet prism, and frost for beam control
- Beautiful 16-bit LED dimming for ultimate fade control
- IP65 rated power input/output connections for power linking
- 5-pin DMX input/output connections
- RDM enabled for remote addressing and trouble shooting
- Selectable PWM settings to maintain flicker free operation on camera
- Simple and complex DMX channel profiles for programming versatility
- USB-C port for uploading software

Product Overview



#	Name	#	Name
1	GORE® valve	**5**	DMX in/out
2	LCD display	**6**	Fuse holder
3	Menu buttons	**7**	Power in/out
4	Carry handles	**8**	USB-C port

Product Dimensions



3. Setup

AC Power

The Rogue Outcast 3 Spot 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 3 Spot comes with a power input cable terminated with a Seetronic Powerkon A connector on one end and bare wire on the other end (U.S. market). Use the table below to wire a 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

Power Linking

It is possible to power link Rogue Outcast 3 Spot 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, 60 Hz
Current Draw	5.43 A	4.46 A	2.55 A	2.32 A	2.31 A

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

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 (F 8 A, 250 V).
4. Screw the fuse holder cap back in place and reconnect power.

DMX Linking

The Rogue Outcast 3 Spot will work with a DMX controller using a 5-pin DMX serial connection. A DMX Primer is available from www.chauvetprofessional.com.

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 3 Spot supports RDM protocol that allows feedback to make changes to menu map options.

USB Software Update

The Rogue Outcast 3 Spot allows for software update through USB using the built-in USB port. To update the software using a USB type C flash drive, do the following:

1. Power on the fixture 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. For multiple versions of the software for the same fixture, use <**UP**> or <**DOWN**> to select the desired version. Press <**ENTER**>.
4. The "**USB UPDATE**" screen will re-appear. Press <**YES**>
5. The updgrade 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 the Fixture Information 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. 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

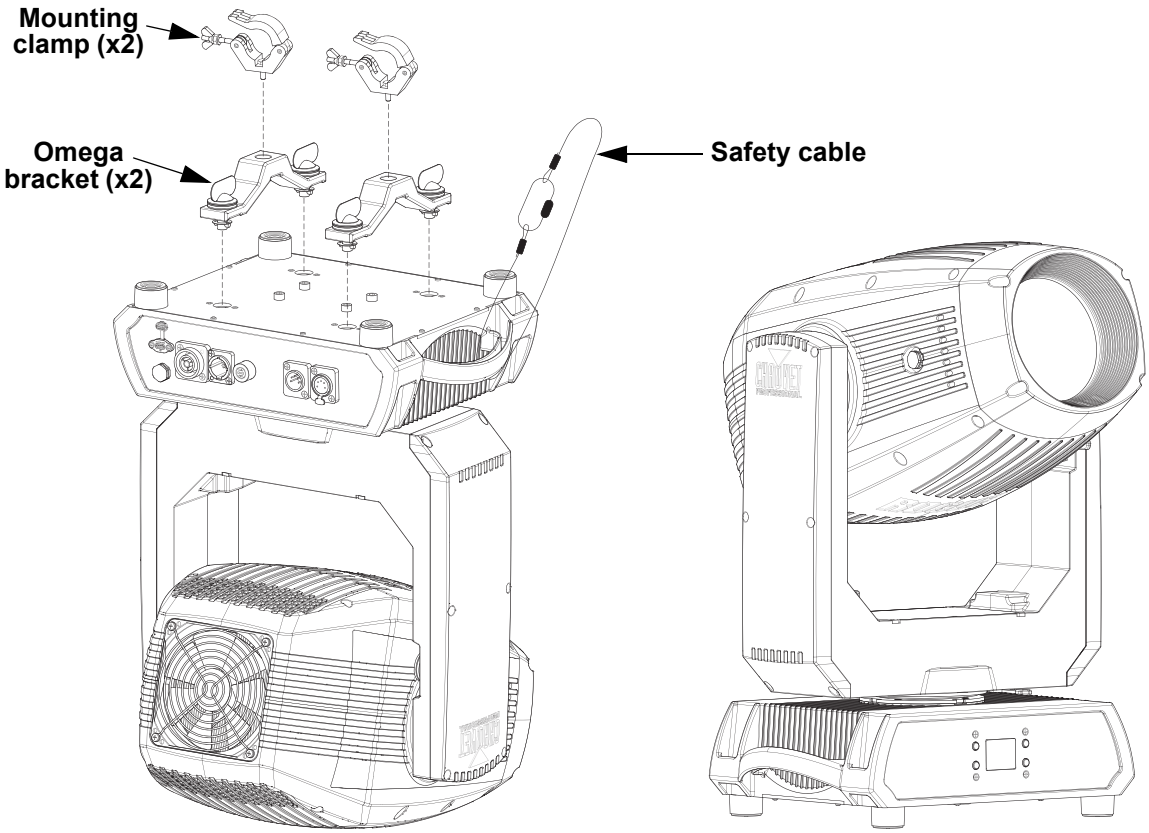
Chauvet recommends using the following general guidelines when mounting this product.

- 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 and attachment points can support the weight before hanging the product (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.

Procedure

The Rogue Outcast 3 Spot comes with 2 omega brackets to which mounting clamp can be attached directly. Mounting clamps are (sold separately). Make sure the clamps are capable of supporting the weight of this product. Use at least two mounting points per product. For the Chauvet Professional line of mounting clamps, go to http://www.trusst.com/products.

Mounting Diagram



Overhead mounting **Surface mounting**

Gobo Replacement

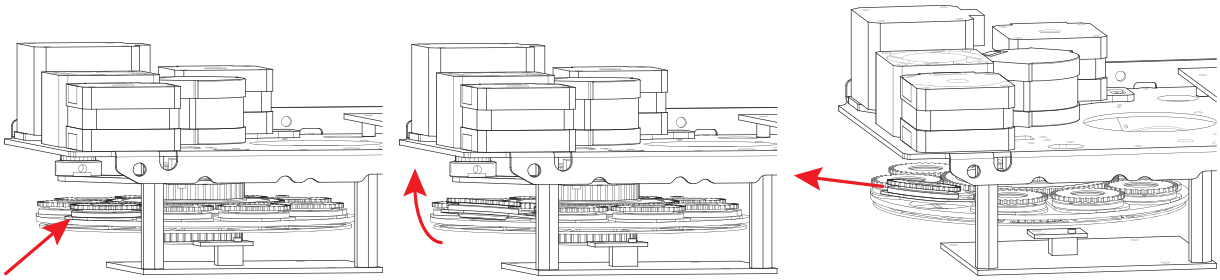
The gobos in gobo wheel 1 are removable from their gobo holders. This operation requires a technician to carefully follow the recommended procedure.

- **Make sure to disconnect the product's power cord before replacing a gobo.**
- **Always replace a gobo with a gobo of the same dimensions.**
- **When inserting a glass gobo, always make sure that the shiny side of the gobo (glass base) faces the LED. This provides a layer of protection against the high temperature from the light source.**

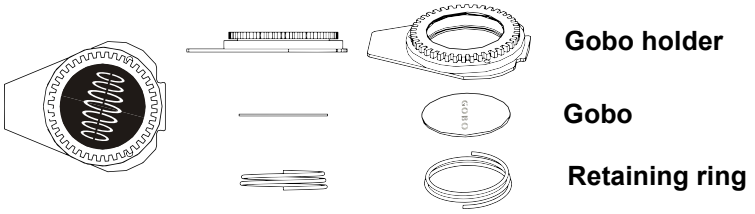
Procedure

1. Turn the product off and disconnect it from the power outlet.
2. Open the head cover by loosening the screws on the top cover.
3. Separate the gobo holder away from the gobo wheel by pushing it toward the front of the moving head. Be careful not to push the gobo out of the gobo holder.
4. Extract the gobo holder by pulling it outward.
5. On a flat surface, remove the expansion ring that holds the gobo in place and remove the gobo from the gobo holder.
6. Insert a new gobo and hold it in place with the expansion ring.
7. Slide the tip of the gobo holder under the pressure plate near the center of the gobo wheel.
8. Push the gobo holder inwards. DO NOT force the gobo holder into the gobo wheel slot. If correctly installed, the gobo holder should easily slide into the gobo wheel slot.

Diagram







4. Operation

Control Panel Description

Button	Function
<MENU>	Exits from the current menu or function
<ENTER>	Enables the currently displayed menu or sets the selected value into the selected function
<UP>	Navigates upwards through the menu list or increases the value when in a function
<DOWN>	Navigates downwards through the menu list or decreases the value when in a function

Menu Map

Refer to the Rogue Outcast 3 Spot 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**	**20CH**		Selects the DMX personality
		25CH		
	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		
		Virtual Shaking		
		Color1		
		Color2		
		Gobo2		
		Gobo		
		Gobo Rotate		
		Gobo Index		
		Gobo2		
		Focus		
		Focus Fine		
		Auto Focus		
		Zoom		
		Zoom Fine		
		Prism		
		Prism Rotate		
		Iris		
		Frost		
		Special Function		
Setup	**Pan Reverse**	**NO**		Normal pan
		YES		Reversed pan
	Tilt Reverse	**NO**		Normal tilt
		YES		Reversed tilt

Main Level	Programming Levels			Description
Setup (cont.)	Screen Reverse	NO		Normal screen display
		YES		Inverted screen display
		AUTO		Automatic screen orientation
	Pan Angle	540		540° pan range
		360		360° pan range
		180		180° pan range
	Tilt Angle	270		270° tilt range
		180		180° tilt range
		090		90° tilt range
	BL.O.P/T Move	NO		Enable/disable blackout while panning/tilting
		YES		
	BL.O. ColorMove	NO		Enable/disable blackout while color wheel is moving
		YES		
	BL.O. GoboMove	NO		Enable/disable blackout while gobo wheels are moving
		YES		
	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
	Swap XY	NO		Do not swap pan and tilt
		YES		Pan controls tilt, tilt controls pan
	Loss of Data	Hold		Holds last signal received
		Close		Blacks out fixture
	Fan Mode	Auto		Fan set by product temperature
		Full		Fan speed set on high
		ECO		Quiet mode
	Dimmer Curve	Linear		Set the dimmer curve
		Square		
		I Squa		
		SCurve		
		Linear2		
	PWM Option	600Hz		Sets the PWM frequency
		1200Hz		
		2000Hz		
		4000Hz		
		6000Hz		
		15000Hz		
	USB Update	NO		Update firmware via USB C
		YES		
	Reset	Pan/Tilt	NO YES	Reset individual functions or all functions from start-up
		Prism		
		Color/Iris		
		Gobo/Gobo2		
		Frost		
		All		
	Factory Set	NO		Reset to factory default settings
		YES		

Main Level	Programming Levels		Description
Sys Info	**Ver**	**V_._ _ _ _ _ _**	Shows firmware version
	Running Mode	**_ _ _**	Shows current running mode
	Dmx Address	**_ _ _**	Shows current DMX address
	Temperature	**_ _ _**	Shows the product temperature in °C
	Fixture Hours	**_ _ _ _ _**	Shows time product has been on
	LED Hours	**_ _ _ _ _**	Shows time LED has been on
	UID	**_ _ _ _ _ _ _ _ _ _ _ _**	Shows UID information
	Fan _ _ _ (x3)	**_ _ _ _ _**	Shows speeds of fans
	Base Fan1	**_ _ _ _ _**	Shows speed of base fan

DMX Configuration

Use control configurations to operate the product with a DMX controller.

Control Personalities

To set the control personality:

1. Go to the **Run Mode** main level.
2. Select the **DMX** option.
3. Select the desired personality from **20CH** or **25CH**.

- See the Starting Address section for the highest selectable starting address.
- Make sure that the starting addresses on the various products do not overlap due to the new personality setting.

Starting Address

Each product will respond to a unique starting address from the controller. All products with the same starting address will respond in unison. To set the starting address:

1. Go to the **Address** main level.
2. Select the starting address (**001**–**512**).
   - The highest recommended starting address for **20CH** is **493**.
   - The highest recommended starting address for **25CH** is **48**.

Control Channel Assignments and Values

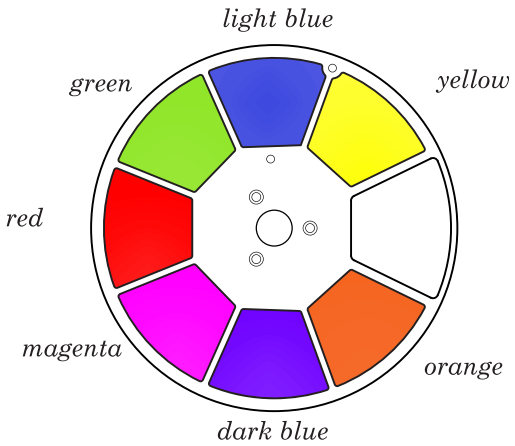
20CH	25CH	Function	Value	Percent/Setting
1	**1**	**Pan**	000 ⇔ 255	0–100%
2	**2**	**Fine pan**	000 ⇔ 255	Fine control (16-bit)
3	**3**	**Tilt**	000 ⇔ 255	0–100%
4	**4**	**Fine tilt**	000 ⇔ 255	Fine control (16-bit)
5	**5**	**Pan/tilt speed**	000 ⇔ 255	Fast to slow
6	**6**	**Dimmer**	000 ⇔ 255	0–100%
–	**7**	**Fine dimmer**	000 ⇔ 255	Fine control (16-bit)
7	**8**	**Strobe**	000 ⇔ 003	Off
			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**	**Virtual shaking**	000 ⇔ 001	No function
			002 ⇔ 128	Shaking effect, slow to fast
			129 ⇔ 255	Fade effect, slow to fast

20CH	25CH	Function	Value	Percent/Setting
9	10	**Color wheel 1**	000 ⇔ 006	Open
			007 ⇔ 013	Yellow
			014 ⇔ 020	Light blue
			021 ⇔ 027	Green
			028 ⇔ 034	Red
			035 ⇔ 041	Magenta
			042 ⇔ 048	Dark blue
			049 ⇔ 059	Orange
			060 ⇔ 187	Color wheel indexing
			188 ⇔ 219	Color scroll, fast to slow
			220 ⇔ 223	Stop
			224 ⇔ 255	Reverse color scroll, slow to fast
10	11	**Color wheel 2**	000 ⇔ 006	Open
			007 ⇔ 013	CTO 3200K
			014 ⇔ 020	CTO 5600K
			021 ⇔ 027	Green
			028 ⇔ 034	UV
			035 ⇔ 041	Orange
			042 ⇔ 048	Pink
			049 ⇔ 059	Light blue
			060 ⇔ 187	Color wheel indexing
			188 ⇔ 219	Color scroll, fast to slow
			220 ⇔ 223	Stop
			224 ⇔ 255	Reverse color scroll, slow to fast
11	12	**Gobo wheel 1** (see Gobo Wheels)	000 ⇔ 007	Open
			008 ⇔ 015	Gobo 1
			016 ⇔ 023	Gobo 2
			024 ⇔ 031	Gobo 3
			032 ⇔ 039	Gobo 4
			040 ⇔ 047	Gobo 5
			048 ⇔ 055	Gobo 6
			056 ⇔ 063	Gobo 7
			064 ⇔ 071	Gobo 7 shaking, slow to fast
			072 ⇔ 079	Gobo 6 shaking, slow to fast
			080 ⇔ 087	Gobo 5 shaking, slow to fast
			088 ⇔ 095	Gobo 4 shaking, slow to fast
			096 ⇔ 103	Gobo 3 shaking, slow to fast
			104 ⇔ 111	Gobo 2 shaking, slow to fast
			112 ⇔ 119	Gobo 1 shaking, slow to fast
			120 ⇔ 127	Open
			128 ⇔ 191	Gobo scroll, slow to fast
			192 ⇔ 255	Reverse gobo scroll, slow to fast

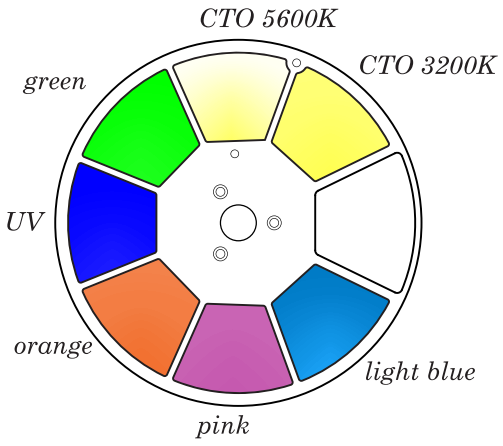
20CH	25CH	Function	Value	Percent/Setting
12	13	**Gobo wheel 1 rotate**	000 ⇔ 063	Gobo index
			064 ⇔ 145	Rotation, fast to slow
			146 ⇔ 149	Stop
			150 ⇔ 231	Reverse rotation, slow to fast
			232 ⇔ 255	Alternating clockwise/counterclockwise rotation, short to long
–	14	**Fine gobo rotation**	000 ⇔ 255	Fine control (16-bit)
13	15	**Gobo wheel 2** (see Gobo Wheels)	000 ⇔ 005	Open
			006 ⇔ 011	Gobo 1
			012 ⇔ 017	Gobo 2
			018 ⇔ 023	Gobo 3
			024 ⇔ 029	Gobo 4
			030 ⇔ 035	Gobo 5
			036 ⇔ 041	Gobo 6
			042 ⇔ 047	Gobo 7
			048 ⇔ 053	Gobo 8
			054 ⇔ 063	Gobo 9
			064 ⇔ 069	Gobo 9 shaking, slow to fast
			070 ⇔ 075	Gobo 8 shaking, slow to fast
			076 ⇔ 081	Gobo 7 shaking, slow to fast
			082 ⇔ 087	Gobo 6 shaking, slow to fast
			088 ⇔ 093	Gobo 5 shaking, slow to fast
			094 ⇔ 099	Gobo 4 shaking, slow to fast
			100 ⇔ 105	Gobo 3 shaking, slow to fast
			106 ⇔ 111	Gobo 2 shaking, slow to fast
			112 ⇔ 117	Gobo 1 shaking, slow to fast
			118 ⇔ 127	Open
			128 ⇔ 191	Gobo scroll, slow to fast
			192 ⇔ 255	Reverse gobo scroll, slow to fast
14	16	**Focus**	000 ⇔ 255	0–100%
–	17	**Fine focus**	000 ⇔ 255	Fine control (16-bit)
–	18	**Auto focus**	000 ⇔ 010	No function
			011 ⇔ 030	0-5 meters
			031 ⇔ 050	6 meters
			051 ⇔ 070	7 meters
			071 ⇔ 090	8 meters
			091 ⇔ 110	9 meters
			111 ⇔ 130	10 meters
			131 ⇔ 150	12.5 meters
			151 ⇔ 170	15 meters
			171 ⇔ 190	17.5 meters
			191 ⇔ 210	20-60 meters
			211 ⇔ 255	Auto detect distance
15	19	**Zoom**	000 ⇔ 255	0–100%
–	20	**Zoom fine**	000 ⇔ 255	Fine control (16-bit)
16	21	**Prism**	000 ⇔ 004	No function
			005 ⇔ 255	Prism insert

20CH	25CH	Function	Value	Percent/Setting
17	22	**Prism rotate**	000 ⇔ 127	Prism index
			128 ⇔ 189	Clockwise rotation, fast to slow
			190 ⇔ 193	Stop
			194 ⇔ 255	Counterclockwise rotation, slow to fast
18	23	**Iris**	000 ⇔ 063	Big to small
			064 ⇔ 127	Auto change, slow to fast
			128 ⇔ 191	Slow open, fast close, slow to fast
			192 ⇔ 255	Fast open, slow close, slow to fast
19	24	**Frost**	000 ⇔ 255	0–100%
20	25	**Control** (3 second hold)	000 ⇔ 007	No function
			008 ⇔ 015	Blackout during pan/tilt
			016 ⇔ 023	Blackout while color wheels are moving
			024 ⇔ 031	Blackout while gobo wheels are moving
			032 ⇔ 039	Blackout during pan/tilt/color wheel
			040 ⇔ 047	Blackout during pan/tilt/gobo wheels
			048 ⇔ 055	Blackout during pan/tilt/color wheel/gobo wheels
			056 ⇔ 095	No function
			096 ⇔ 103	Pan reset
			104 ⇔ 111	Tilt reset
			112 ⇔ 119	Color wheels reset
			120 ⇔ 127	Gobo wheels reset
			128 ⇔ 135	No function
			136 ⇔ 143	Prism reset
			144 ⇔ 151	No function
			152 ⇔ 159	All reset
			160 ⇔ 167	Iris reset
			168 ⇔ 175	Frost reset
			176 ⇔ 183	Zoom reset
			184 ⇔ 191	Fan ECO
			192 ⇔ 199	Fan Full
			200 ⇔ 215	Fan Auto
			216 ⇔ 255	No function

Color Wheels



Color Wheel 1

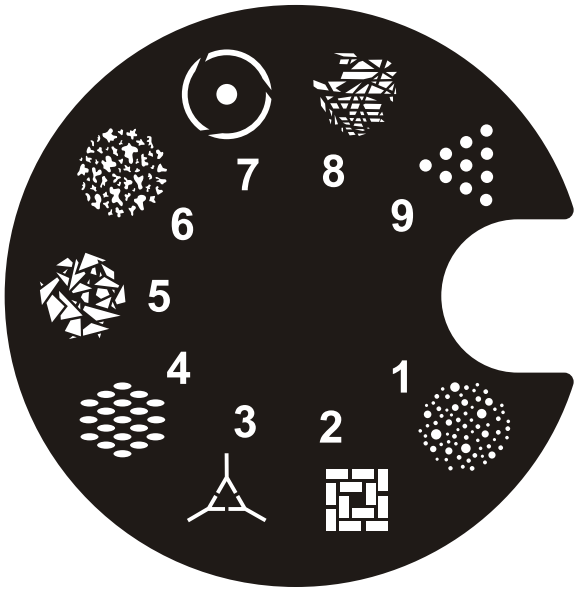


Color Wheel 2

Gobo Wheels

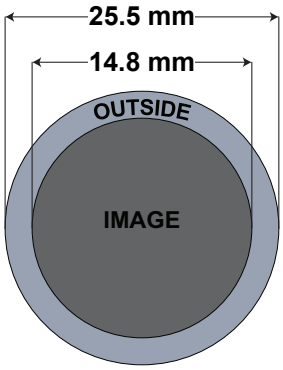


Gobo Wheel 1



Gobo Wheel 2

Rotating Gobo Dimensions



Settings Configuration

Pan Reverse

To set the orientation of the pan:

1. Go to the **Setup** main level.
2. Select the **Pan Reverse** option.
3. Select from **NO** (normal pan motion), or **YES** (reversed pan motion).

Tilt Reverse

To set the orientation of the tilt:

1. Go to the **Setup** main level.
2. Select the **Tilt Reverse** option.
3. Select from **NO** (normal tilt motion), or **YES** (reversed tilt motion).

Screen Reverse

To set the orientation of the display:

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

Pan Angle

To set the maximum angle of the pan:

1. Go to the **Setup** main level.
2. Select the **Pan Angle** option.
3. Select from **540** (540°), **360** (360°), or **180** (180°).

Tilt Angle

To set the maximum angle of the tilt:

1. Go to the **Setup** main level.
2. Select the **Tilt Angle** option.
3. Select from **270** (270°), **180** (180°), or **90** (90°).

Black Out on Movement

To set the product to black out on movement of the pan/tilt, color wheels, and/or gobo wheels.

1. Go to the **Setup** main level.
2. Select from **BL.O.P/T Move** (pan/tilt), **BL.O. ColorMove** (color wheels), or **BL.O. GoboMove** (gobo wheels).
3. Select from **NO** (do not black out during the selected movement), or **YES** (black out during the selected movement).

Display Backlight Timer

To set how long before an inactive display will turn off:

1. Go to the **Setup** main level.
2. Select the **Backlight Timer** option.
3. Select the length of the backlight timer, from **30S** (30 seconds), **1M** (1 minute), **5M** (5 minutes), or **ON** (always on).

Swap Pan and Tilt

To swap the controls for pan and tilt with each other:

1. Go to the **Setup** main level.
2. Select the **Swap XY** option.
3. Select from **NO** (pan controls pan, tilt controls tilt), or **YES** (pan controls tilt, tilt controls pan).

DMX Loss

To set how the product responds when the DMX signal is lost:

1. Go to the **Setup** main level.
2. Select the **Loss of Data** option.
3. Select from **Hold** (holds the last signal received), or **Close** (blacks out the product).

Fan Mode

To set the fan speed mode:

1. Go to the **Settings** main level.
2. Select the **Fan Mode** option.
3. Select the fan mode, from **Auto** (fan speed adjusts to product temperature), **Full** (fan speed at maximum), or **ECO** (quiet mode).

Dimmer Curve

To set the dimmer curve:

1. Go to the **Setup** main level.
2. Select the **Dimmer Curve** option.
3. Select the dimmer curve, from **Linear**, **Square**, **I Squa**, **SCurve**, or **Linear2**.

Pulse Width Modulation

To adjust the frequency of the pulse width modulation:

1. Go to the **Setup** main level.
2. Select the **PWM Option** option.
3. Select the frequency, from **600Hz**, **1200Hz**, **2000Hz**, **4000Hz**, **6000Hz**, or **15000Hz**.

USB Update

To enable or disable software update using USB:

1. Go to the **Setup** main level.
2. Select the **USB Update** option.
3. Select **NO** (disables software update through USB) or **YES** (enables software update through USB).

See the USB Software Update section for the detailed instructions on how to update the Rogue Outcast 3 Spot software using a USB C connection.

Reset Function

To reset specific functions or the entire product:

1. Go to the **Setup** main level.
2. Select the **Reset Function** option.
3. Select the functions to reset, from **Pan/Tilt**, **Prism**, **Color/Iris**, **Gobo/Gobo2**, **Frost**, or **All**.
4. Select **NO** (to cancel) or **YES** (to reset the selected functions).

Factory Reset

To reset the product to factory settings:

1. Go to the **Setup** main level.
2. Select the **Factory Set** option.
3. Select **NO** (to cancel) or **YES** (to reset the product configuration).

Test Mode

Auto Test

To have the Rogue Outcast 3 Spot automatically test all functions one after the other:

1. Go to the **Run Mode** main level.
2. Select the **Auto Test** option.

Manual Test

To manually test an individual function of the Rogue Outcast 3 Spot:

1. Go to the **Run Mode** main level.
2. Select the **Manual Test** option.
3. Select a function to test, from **Pan**, **Pan Fine**, **Tilt**, **Tilt Fine**, **P/T Speed**, **Dimmer**, **Dimmer Fine**, **Shutter**, **Virtual Shaking**, **Color1**, **Color2**, **Gobo2**, **Gobo**, **Gobo Rotate**, **Gobo Index**, **Gobo2**, **Focus**, **Focus Fine**, **Auto Focus**, **Zoom**, **Zoom Fine**, **Prism**, **Prism Rotate**, **Iris**, **Frost**, or **Special Function**.
4. Increase or decrease the value of the selected function from **000–255** to test it.

System Information

The information section of the menu displays statistics and the current status of the product's various functions. To view this information:

1. Go to the **Sys Info** main level.
2. Use **<UP>** and **<DOWN>** to view all information.

Offset Mode (Zero Adjust)

The Offset mode provides fine adjustments for the home position of the pan, tilt, and zoom movements. To adjust these options:

1. From the main level screen, press and hold **<MENU>** until the passcode screen appears.
2. Use **<UP>** (increase value) and **<DOWN>** (next value) to enter the passcode: **2323** and press **<ENTER>**.
3. Select the "zero" position to adjust, from **PAN**, **TILT**, **COLOR1**, **COLOR2**, **GOBO**, **GOBO ROTATE**, **GOBO2**, **FOCUS–GOBO**, **FOCUS–GOBO2**, **ZOOM**, **PRISM**, **IRIS**, **FROST**, **Light Block**, **DIMMER1**, **DIMMER2**, **RDM4**, **RDM5**, or **RDM6**.
4. Adjust the "zero" position for the selected function from **000–255**.

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 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.

Do not spin the cooling fans with compressed air. Damage may result.

Torque Measurements

To maintain the IP rating when reassembling the product, use the given torque measurements for each of the following screws and bolts:

Fixture Parts	Torque Rating (Kgf.cm)	Torque Rating (lbf.in)
Screws around display	3.5	3
Screws around power and data ports	7.1	6.1
Screws inside feet	9.1	7.6
Omega bracket holder Front lens cover hex screws	12.2	10.6
Arm cover screws	12.23	10.6
Base screws around outside (not the feet)	16.3	14.1
Fuse Center of yoke plate Allen key screws [lens support plate (under lens cover) and head covers]	25.5	22.1
Base screws in middle	35.7	31

Vacuum Test Measurements

Use the IP Tester from Chauvet Professional to ensure the product has been reassembled correctly by following the information below:

Parameters	Values
Method	Positive
Test pressure	2.18 kPa
Test duration	60 seconds
PASS state leak pressure	<0.02 kPa

Gobo Maintenance

To ensure optimal operation, 1) inspect and 2) clean gobos every four months. More frequent maintenance may be necessary if usage is higher.

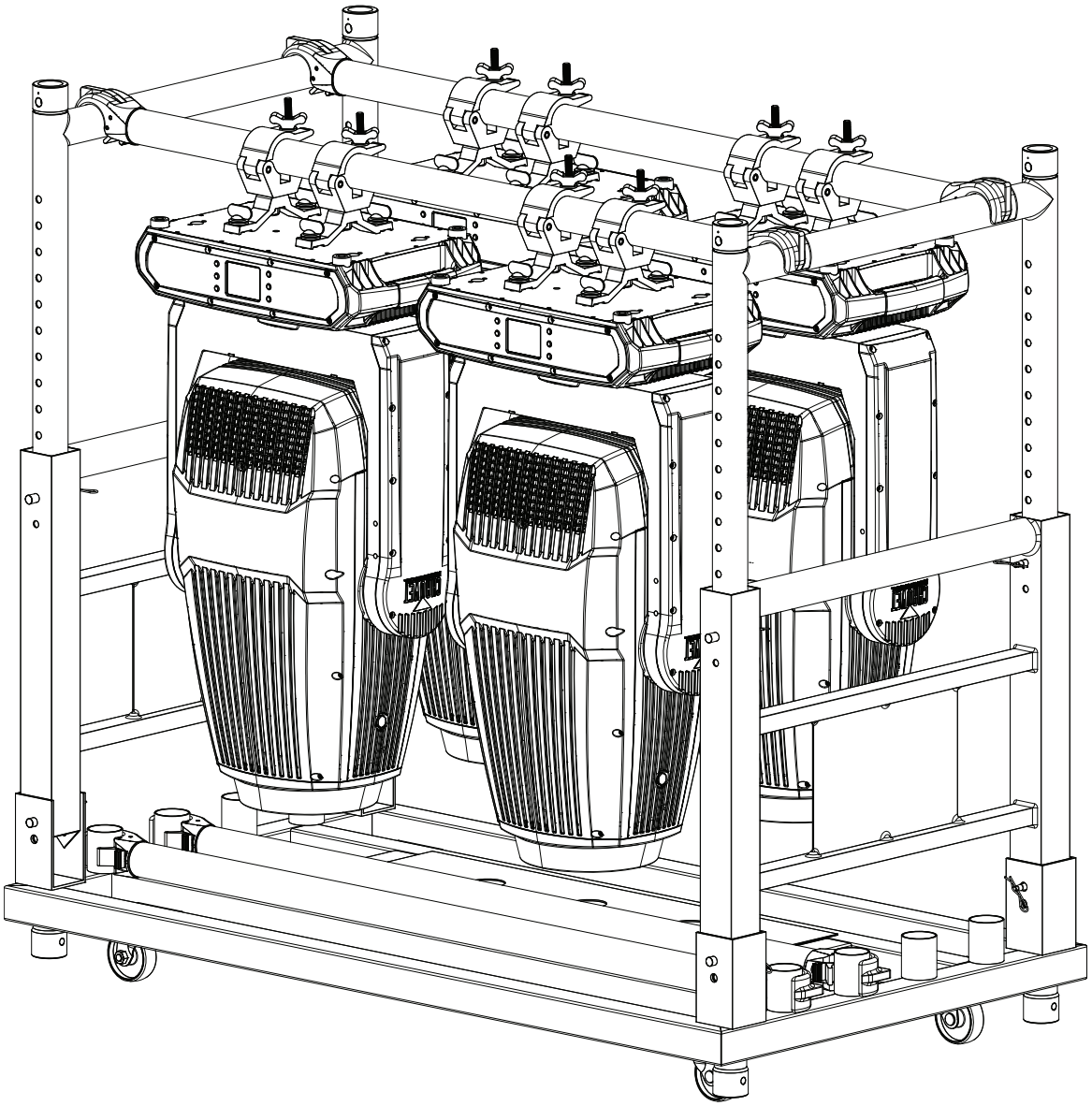
To inspect, remove each gobo holder and check if:

- the holders are clean (free of dirt, grime, or gunk).
- the gobos are properly installed in the holders.
- all the bearings are in place.
- the holders are rotating freely.

To clean the gobos and the gobo holder, follow the instructions below:

1. Remove the gobos from the holder.
2. Clean the gobos with a soft, lint-free cotton cloth. Use an ammonia-free glass cleaner sprayed to a piece of lint-free cotton cloth to clean glass gobos.
3. Submerge the gobo holder (without the gobo installed) in a container with a liquid lubricant (i.e., WD40) and let it rest for a couple of minutes.
4. Shake the container with the gobo holder inside to help release/loosen any gunk/grime/dirt.
5. Take the gobo holder out of the container and clean it using a small nylon brush.
6. Wipe off all the lubricant from the gobo holder using a piece of lint-free cotton cloth.
7. Apply a small coat of synthetic oil (i.e., Liquid Bearings) to the bearings and rotate it thoroughly in both directions (needle tip applier recommended). Make sure the gobo holder is rotating freely and is not making any abnormal noise.
8. Reinstall the gobos in the gobo holder. Make sure the gobos are in the correct positions.
9. Reinstall the gobo holder in the unit.

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
14.41 in (366 mm)	9.61 in (244 mm)	25.16 in (639 mm)	51 lb (23.2 kg)

Note: Dimensions in inches are rounded.

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	543 W	535 W	525 W	521 W	521 W
Operating Current	5.43 A	4.46 A	2.55 A	2.32 A	2.31 A
Power linking current (products)	12 A (2 products)	12 A (3 products)	12 A (5 products)	12 A (6 products)	12 A (6 products)
Fuse/Breaker	F 8 A, 250 V	F 8 A, 250 V	F 8 A, 250 V	F 8 A, 250 V	F 8 A, 250 V

Power I/O	U.S./Worldwide	UK/Europe
Power Input Connector	Seetronic Powerkon IP65	Seetronic Powerkon IP65
Power Output Connector	Seetronic Powerkon IP65	Seetronic Powerkon IP65
Power Cable plug	Edison	Local plug

Light Source

Type	Color	Quantity	Power	Current	Lifespan
LED	Cool white	1	350 W	5 A	50,000 hours

Photometrics

Beam Angle	Field Angle	Cutoff Angle	Zoom Range
4.8° to 33.8°	5.4° to 37°	5.6° to 37.8°	4.8° to 37.8°

Illuminance @ 5 m (4.8°)	Illuminance @ 5 m (37.8°)	Lumens - Source	Lumens - Output
90,145 lux	3,054 lux	24,500	18,107

Noise Level

Idle	Fan Auto	Fan ECO	Fan Full	Max
39.8 dB(A)	42.8 dB(A)	42.0 dB(A)	53.0 dB(A)	56.3 dB(A)

Thermal

Maximum External Temperature	Cooling System
113 °F (45 °C)	Fan-assisted convection

DMX

I/O Connector	Channel Range
5-pin XLR	20 or 25

Ordering

Product Name	Item Name	Item Code	UPC Number
Rogue Outcast 3 Spot	ROGUEOUTCAST3SPOT	08011949	781462222970

UL 1573
CSA C22.2 No. 166
E113093

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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.