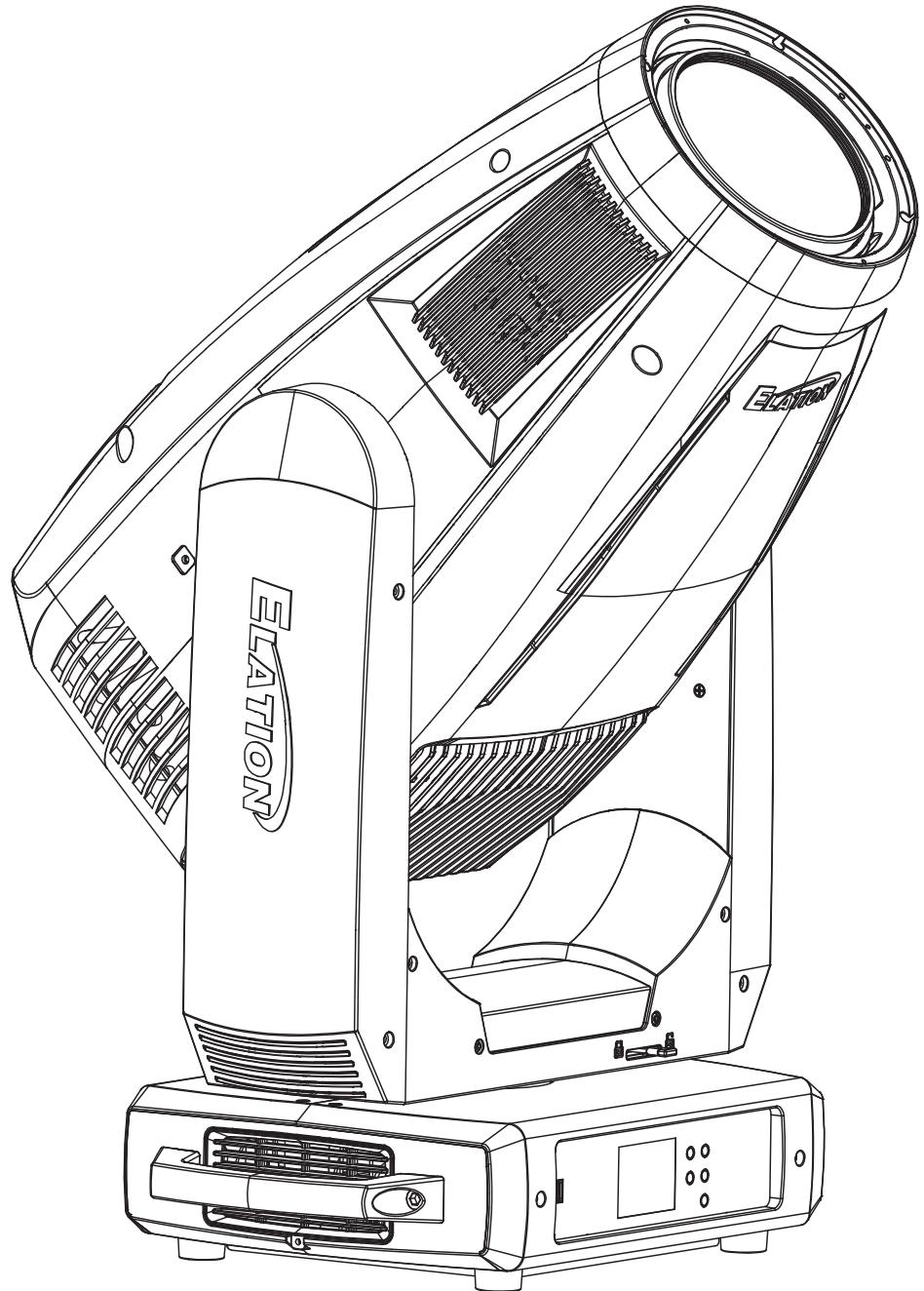


ELATION®



FUZE TEATRO

User Manual

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DOCUMENT VERSION



Due to additional product features and/or enhancements, an updated version of this document may be available online. Please scan the QR Code with your mobile device or visit www.elationlighting.com for the latest revision/update of this manual, before installation and/or programming.

Date	Document Version	Software Version	DMX Channel Mode	Notes
12/15/23	1.0	1.01	42/60/40 RGB/56 RGB Ext/40 CMY/56 CMY Ext	Initial Release
03/14/24	1.1	1.1.1	42/61/40 RGB/57 RGB Ext/40 CMY / 57 CMY Ext	Updated General Information, Gobos, Installation Guidelines, RDM, System Menu, DMX Traits, Specifications; added Colourtune Technology
03/28/24	1.2	N/C	No Change	Updated Dimensional Drawings, Specifications
05/08/24	1.3	N/C	No Change	Updated Specifications
12/15/25	1.4	N/C	No Change	Updated General Info, Installation Guidelines, Specifications

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GENERAL INFORMATION

INTRODUCTION

Please read and understand the instructions in this manual carefully and thoroughly before attempting to operate this device. These instructions contain important safety and use information. **This device is intended for professional use only.**

UNPACKING

Every device has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton is damaged, carefully inspect the device for damage, and be sure all accessories necessary to install and operate the device have arrived intact. In the event damage has been found or parts are missing, please contact our customer support team for further instructions. Please do not return this device to your dealer without first contacting customer support. Please do not discard the shipping carton in the trash. Please recycle whenever possible.

BOX CONTENTS

Power Cable (x1)
Safety Cable (x1)
Omega Bracket (x2)
Snoot (x1)

CUSTOMER SUPPORT

Contact ELATION Service for any product related service and support needs. Also visit forums.elationlighting.com with questions, comments or suggestions.

ELATION SERVICE USA - Monday - Friday 8:00am to 4:30pm PST

323-582-3322 | support@elationlighting.com

ELATION SERVICE EUROPE - Monday - Friday 08:30 to 17:00 CET

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REPLACEMENT PARTS please visit parts.elationlighting.com

LIMITED WARRANTY

For up-to-date warranty information regarding your device, please visit Elation's warranty information page online or scan the QR codes below.



USA: <https://www.elationlighting.com/warranty-information>

EU: https://www.elationlighting.eu/terms_and_conditions

THERE ARE NO USER SERVICEABLE PARTS INSIDE THIS UNIT. DO NOT ATTEMPT ANY REPAIRS YOURSELF, AS DOING SO WILL VOID YOUR MANUFACTURER'S WARRANTY. DAMAGES RESULTING FROM MODIFICATIONS TO THIS FIXTURE AND/OR THE DISREGARD OF SAFETY INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID THE MANUFACTURER'S WARRANTY AND ARE NOT SUBJECT TO ANY WARRANTY CLAIMS AND/OR REPAIRS.

SAFETY GUIDELINES

This fixture is a sophisticated piece of electronic equipment. To guarantee smooth operation, it is important to follow all instructions and guidelines in this manual. Elation Professional is not responsible for injury and/or damages resulting from the misuse of this fixture due to the disregard of the information printed in this manual. Only qualified and/or certified personnel should perform installation of this fixture and only the original rigging parts included with this fixture should be used for installation. Any modifications to the fixture and/or the included mounting hardware will void the original manufacturer's warranty and increase the risk of damage and/or personal injury.



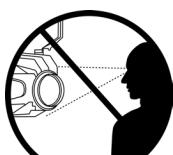
PROTECTION CLASS 1 - FIXTURE MUST BE PROPERLY GROUNDED.



THERE ARE NO USER SERVICEABLE PARTS INSIDE THIS UNIT. DO NOT ATTEMPT ANY REPAIRS YOURSELF. DOING SO WILL VOID YOUR MANUFACTURER'S WARRANTY. DAMAGES RESULTING FROM MODIFICATIONS TO THIS DEVICE AND/OR THE DISREGARD OF SAFETY INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID THE MANUFACTURER'S WARRANTY AND ARE NOT SUBJECT TO ANY WARRANTY CLAIMS AND/OR REPAIRS.



**DO NOT PLUG THIS UNIT INTO A DIMMER PACK
DO NOT REMOVE THE COVER PANELS FOR ANY REASON
NEVER OPERATE THIS UNIT WITH THE CASING REMOVED
UNPLUG FROM POWER DURING LONG PERIODS OF NON-USE
DISCONNECT POWER BEFORE PERFORMING MAINTENANCE**



**NEVER LOOK DIRECTLY INTO THE LIGHT SOURCE!
RETINA INJURY RISK - MAY INDUCE BLINDNESS!
SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK!
FIXTURE SHOULD BE PLACED A MINIMUM OF 1.0 FOOT (0.3 METERS) FROM ANY NEARBY OBJECTS OR SURFACES.**



**FIXTURE SHOULD BE PLACED A MINIMUM OF 1.6 FEET (0.5 METERS) FROM ANY FLAMMABLE MATERIALS.
MAXIMUM AMBIENT OPERATING TEMPERATURE IS 113°F (45°C)**

SAFETY GUIDELINES

**For Your Own Personal Safety, Please Read and Understand This Manual Completely
Before You Attempt To Install Or Operate This Unit!**

- Do not touch the fixture housing during operation, as it may be hot.
- Do not shake the fixture, and avoid using brute force when installing and/or operating.
- Use only the original packaging and materials to transport or ship the fixture for service. Make sure to retain the original packaging for this purpose.
- Be sure that the local power outlet matches the required voltage for the device.
- Do not open up the device for any reason. There are no user serviceable parts inside.
- Disconnect the device's main power when left unused for long periods of time.
- Never connect this device to a dimmer pack.
- Do not attempt to operate this device if it has been damaged in any way.
- Never operate this device with the cover removed.
- Do not attempt to operate this device if the power cord has been frayed or broken.
- Never force a power cord connector into the fixture. If the power cord or any of its connectors are damaged, replace immediately with a new cord of the same power rating.
- Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Only handle the power cord by the plug end. Never disconnect the plug by tugging on the wire portion of the power cord.
- Disconnect from main power before making any type of connection.
- Never block the air ventilation slots. Always be sure to mount this device in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- Always mount this unit in a safe and stable matter.
- This device is intended for indoor use only! Outdoors usage voids all manufacturer's warranties.
- Please route your power cord out of the way of foot traffic. Power cords should be routed so they are not likely to be walked on or pinched by items placed upon or against them.
- Before performing any servicing, turn off and disconnect the device from power and allow at least 15 minutes for the device to cool.
- Consistent operational breaks will ensure that this fixture will function properly for many years.
- The device should be serviced by qualified service personnel when:
 - A. The power-supply cord or the plug has been damaged.
 - B. Objects have fallen on, or liquid has been spilled into, the device.
 - C. The device has been immersed in liquid or exposed to moisture.
 - D. The appliance does not appear to operate normally or exhibits a marked change in performance.

Keep all flammable materials away from this fixture!

MAINTENANCE GUIDELINES



DISCONNECT POWER BEFORE PERFORMING ANY MAINTENANCE!

CLEANING

Frequent cleaning is recommended to ensure proper function, optimized light output, and an extended life. The frequency of cleaning depends on the environment in which the fixture operates: damp, smoky or particularly dirty environments can cause greater accumulation of dirt on the fixture's optics. Clean periodically with a soft cloth to avoid dirt/debris accumulation.

NEVER use alcohol, solvents, or ammonia-based cleaners.

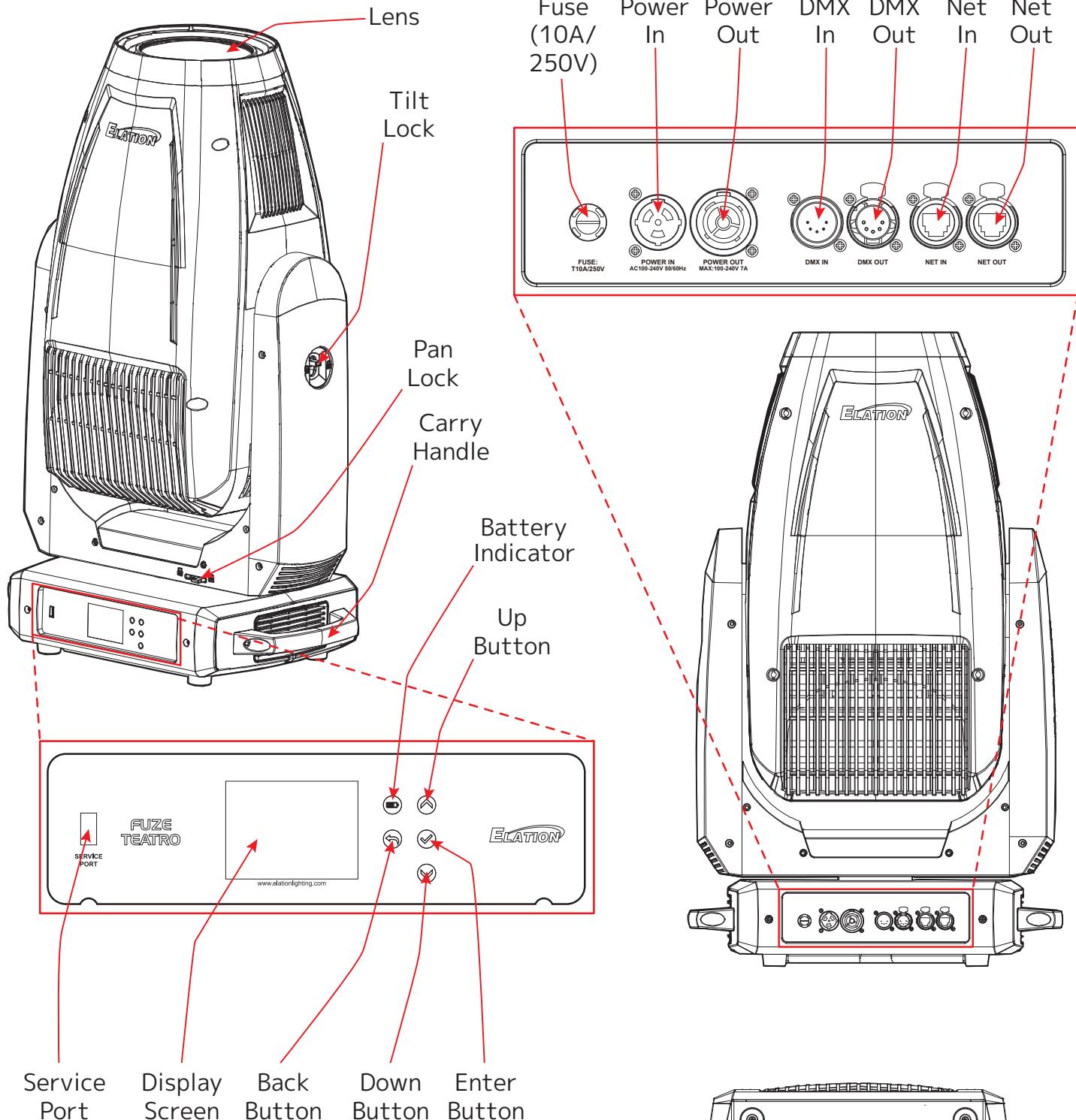
MAINTENANCE

Regular inspections are recommended to insure proper function and extended life. There are no user serviceable parts inside this fixture. Please refer all other service issues to an authorized Elation service technician. Should you need any spare parts, please order genuine parts from an authorized Elation dealer.

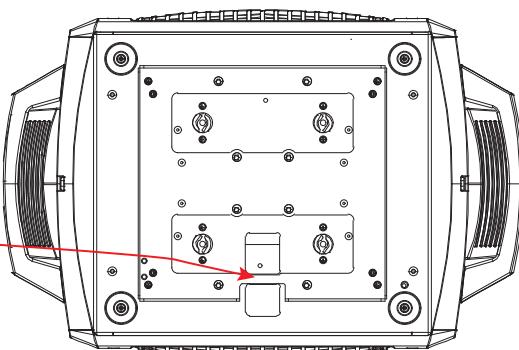
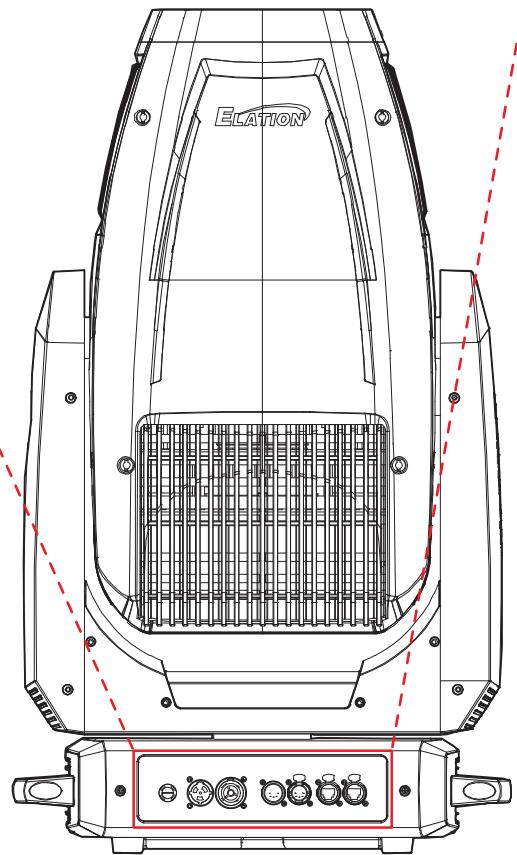
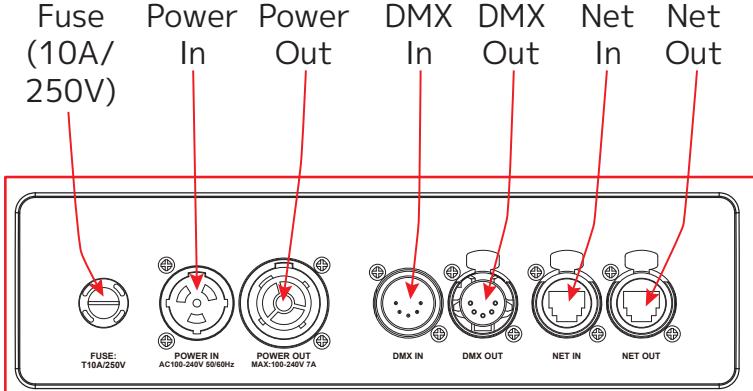
Please refer to the following points during routine inspections:

- A detailed electrical check by an approved electrical engineer every three months, to make sure the circuit contacts are in good condition and prevent overheating.
- Be sure all screws and fasteners are securely tightened at all times. Loose screws may fall out during normal operation, resulting in damage or injury as larger parts could fall.
- Check for any deformations on the housing, color lenses, rigging hardware and rigging points (ceiling, suspension, trussing). Deformations in the housing could allow for dust to enter into the fixture. Damaged rigging points or unsecured rigging could cause the fixture to fall and seriously injure a person(s).
- Electric power supply cables must not show any damage, material fatigue or sediments.

OVERVIEW



**ALWAYS ATTACH A SAFETY CABLE
WHENEVER INSTALLING THIS FIXTURE
IN A SUSPENDED ENVIRONMENT TO
ENSURE THAT THE FIXTURE WILL NOT
FALL IF THE CLAMP FAILS.**



GOBOS

ROTATING GOBO WHEEL 1



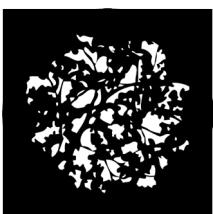
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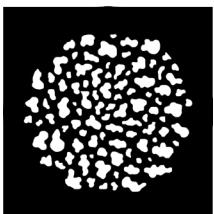
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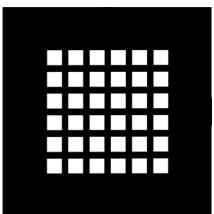
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4



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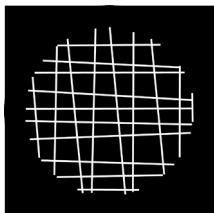


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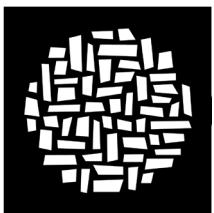
ROTATING GOBO WHEEL 2



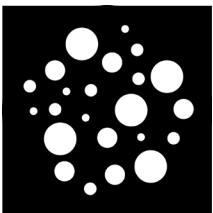
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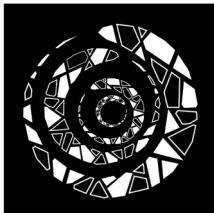
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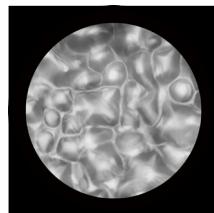
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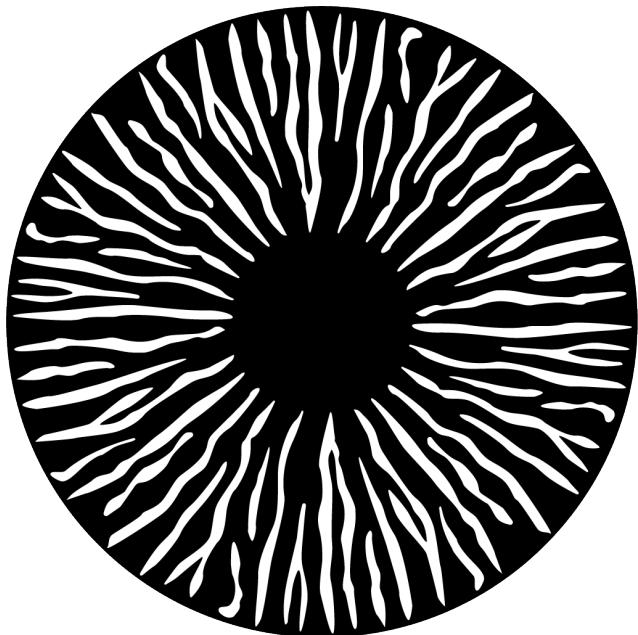


5



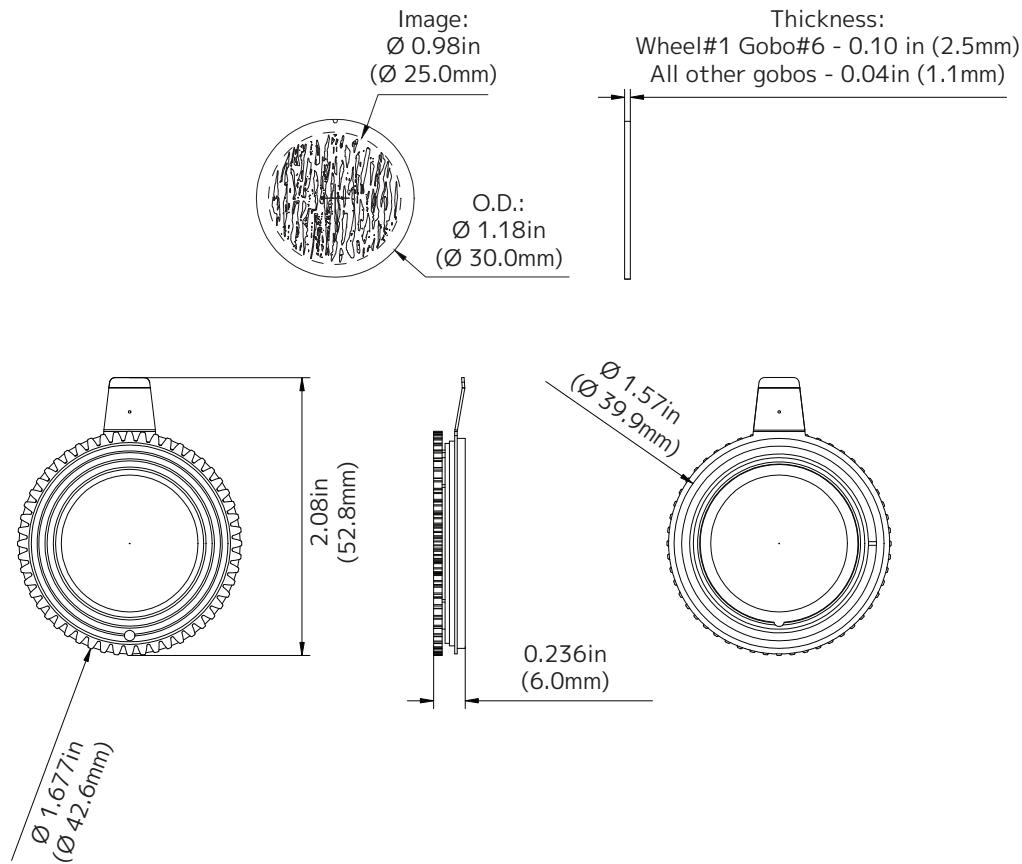
6

ANIMATION WHEEL



GOBO DIMENSIONS

ROTATING WHEEL GOBOS	
Gobo O.D. (Max Outer Diameter)	\varnothing 1.18in (\varnothing 30.0mm)
Gobo I.D. (Max Image Diameter)	\varnothing 0.98in (\varnothing 25.0mm)
Gobo Holder Diameter	\varnothing 1.57in (\varnothing 39.9mm)
Gobo Thickness	Wheel #1, Gobo #6: 0.10in (2.5mm) All Other Gobos: 0.04 in (1.1mm)
Gobo Material	Glass



Please be aware of the intended position and correct sizing requirements of custom gobos.

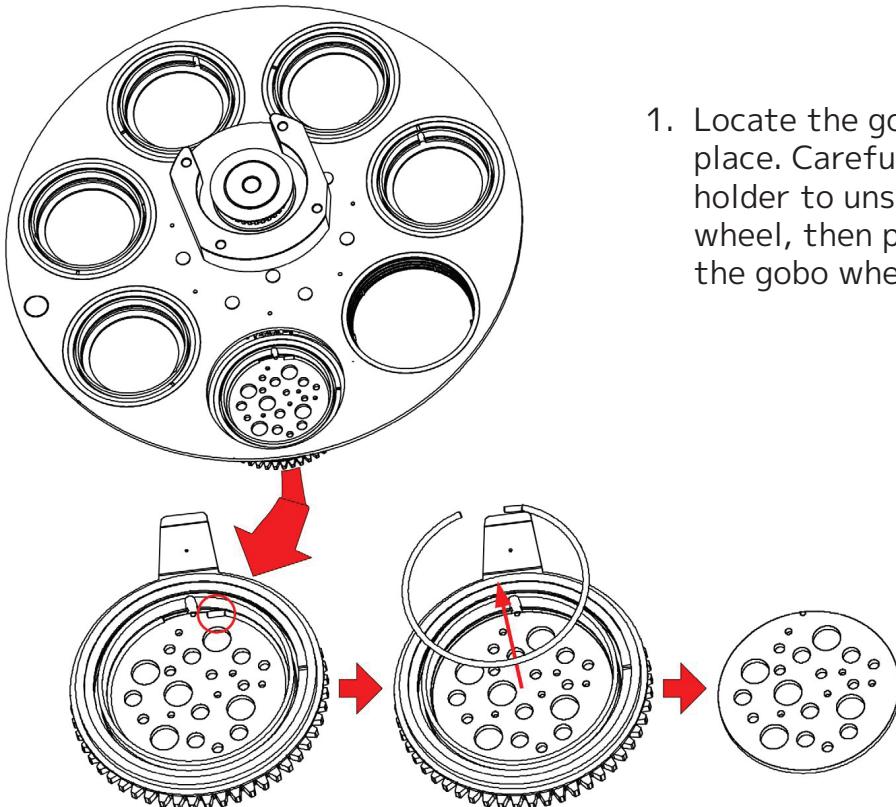
*** * * IMPORTANT NOTICE REGARDING CUSTOM GOBOS * * ***

Due to the high temperature optical system, special glass material is required for custom gobos. Due to varying manufacturing processes and tolerances, it is highly recommended to provide a gobo sample and holder from the fixture to the custom gobo vendor for accurate sizing. Extended testing of custom gobo designs is highly recommended prior to use. Contact ELATION SERVICE for further information.

ELATION SERVICE USA -Monday -Friday 8:00am to 4:30pm PST
323-582-3322 | support@elationlighting.com

ELATION SERVICE EUROPE -Monday -Friday 08:30 to 17:00 CET
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GOBO INSTALLATION

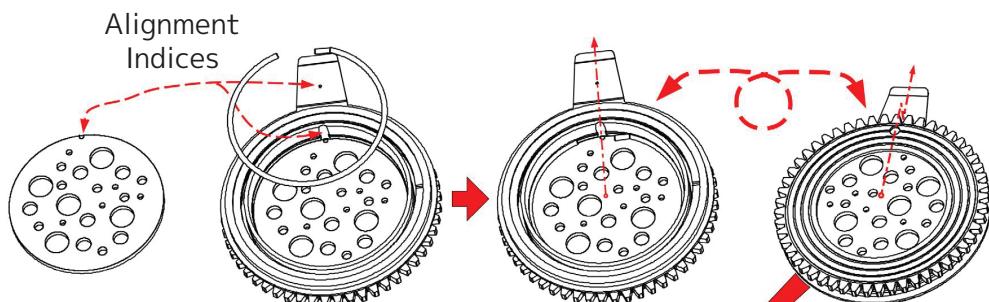


1. Locate the gobo that you would like to replace. Carefully press down on the gobo holder to unseat it from its slot in the gobo wheel, then pull the holder out and away from the gobo wheel.

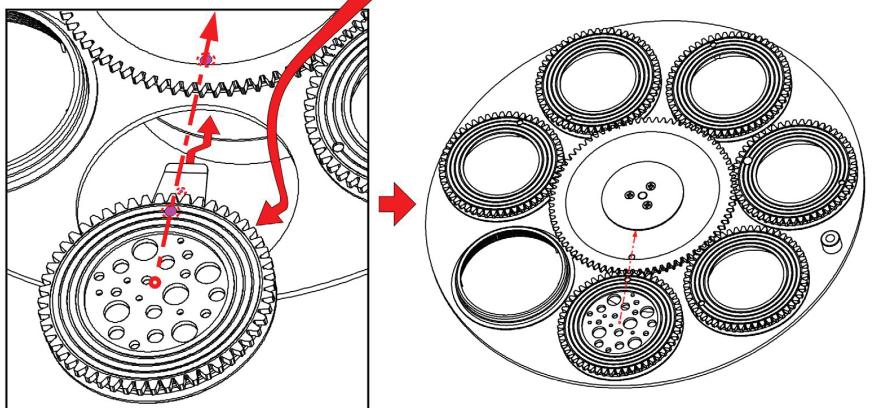
2. Locate the tab of the retainer spring, then use a precision pick or similar tool to carefully press the retainer spring tab inward to relieve the spring's tension. Remove the retainer spring and carefully separate the gobo from the gobo holder.

WARNING: USE CAUTION IN ORDER TO AVOID SCRATCHING THE GOBO OR GOBO HOLDER

3. To ensure proper gobo orientation on the gobo wheel, align the alignment indices on the gobo and gobo holder before installing the retainer spring. These alignment indices take the form of a notch in the gobo holder, and dots on the gobo holder tab and the gobo itself.



4. Rotate the gear of the gobo wheel until the gear alignment dot on the bottom of the gobo wheel is aligned with the empty gobo holder slot. Insert the gobo holder tab into its receptacle on the wheel and press until the gobo holder clicks into the empty slot.



INSTALLATION GUIDELINES



FLAMMABLE MATERIAL WARNING

Keep fixture minimum 5.0 feet (1.5m) away from flammable materials and/or pyrotechnics.



ELECTRICAL CONNECTIONS

A qualified electrician should be used for all electrical connections and/or installations.



MINIMUM DISTANCE TO OBJECTS/SURFACES IS 1 FOOT (0.3 METERS)



MINIMUM DISTANCE OF FLAMMABLE MATERIALS FROM THE SURFACE IS 1.6 FEET (0.5 METER)



MAXIMUM AMBIENT TEMPERATURE 113° F (45°C)



DO NOT INSTALL THE FIXTURE IF YOU ARE NOT QUALIFIED TO DO SO!

Fixture **MUST** be installed following all local, national, and country commercial electrical and construction codes and regulations.

Before rigging/mounting a single fixture or multiple fixtures to any metal truss/structure or placing the fixture(s) on any surface, a professional equipment installer **MUST** be consulted to determine if the metal truss/structure or surface is properly certified to safely hold the combined weight of the fixture(s), clamps, cables, and accessories.

Fixture(s) should be installed away from walking paths, seating areas, or areas where unauthorized personnel might reach the fixture by hand.

NEVER stand directly below the fixture(s) when rigging, removing, or servicing.

Overhead fixture installation must always be secured with a secondary safety attachment, such as an appropriately rated safety cable.

Allow approximately 15 minutes for the fixture to cool down before servicing.

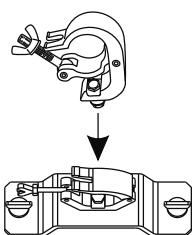
INSTALLATION GUIDELINES

OMEGA BRACKET WITH CLAMP INSTALLATION

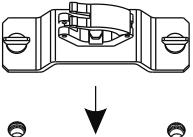
When mounting the fixture to a truss, be sure to secure appropriately rated professional grade rigging clamps to the included Omega Brackets using an M10 or M12 screw fitted through the center hole of the Omega Brackets. This fixture requires the installation of two Omega brackets and two clamps for secure truss mounting.

OMEGA BRACKET INSTALLATION

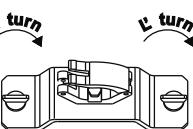
1. Insert a bolt through the holes in the clamp and Omega bracket, and secure in place with a nut and washer.



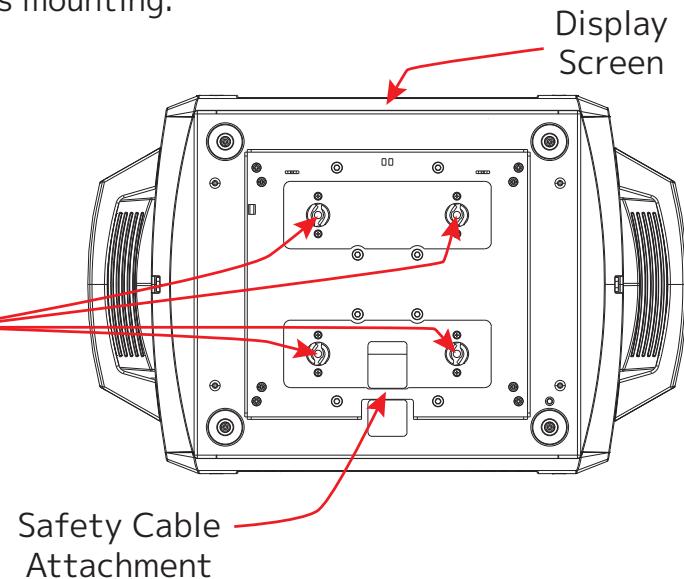
2. Insert the Omega bracket fasteners into the matching holes on the fixture.



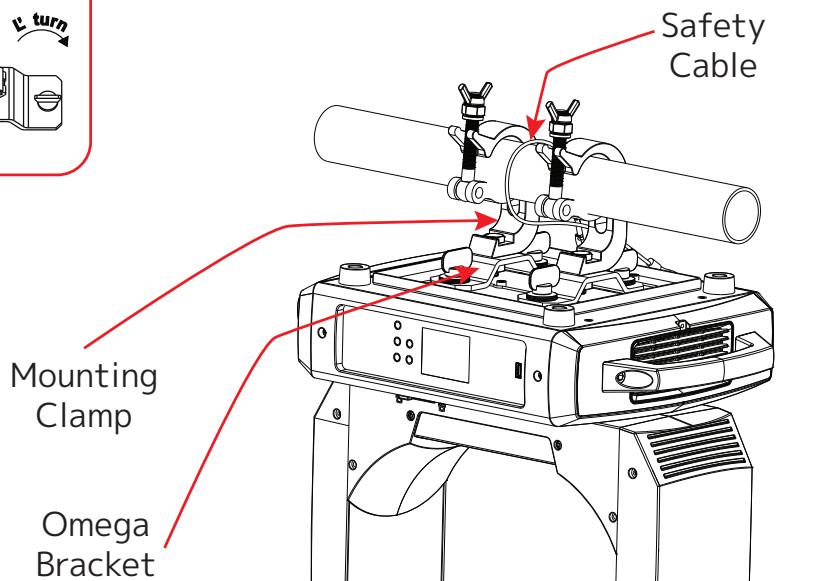
3. Turn both fasteners on the Omega bracket a quarter turn clockwise to secure in place.



ALWAYS ATTACH A SAFETY CABLE WHENEVER INSTALLING THIS FIXTURE IN A SUSPENDED ENVIRONMENT TO ENSURE THAT THE FIXTURE WILL NOT FALL IF THE CLAMP FAILS.

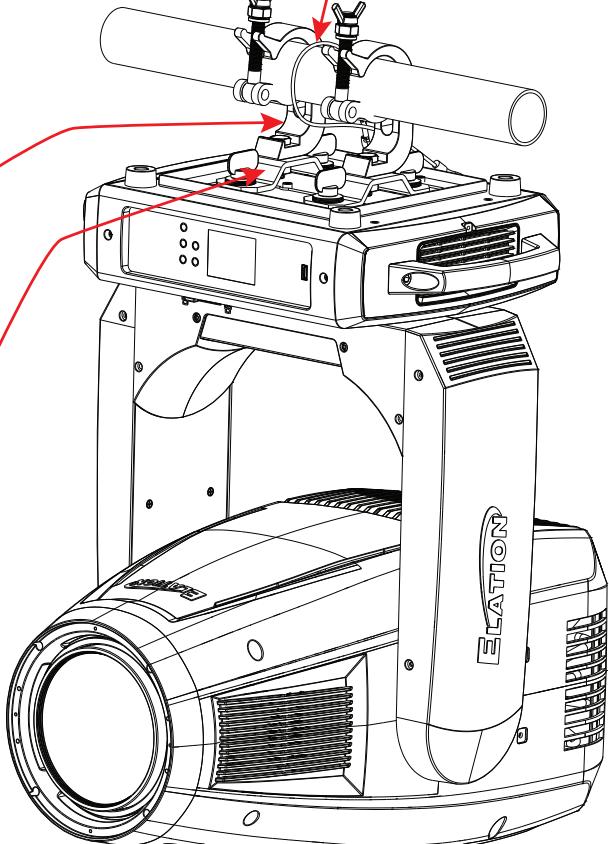


Safety Cable Attachment



RIGGING

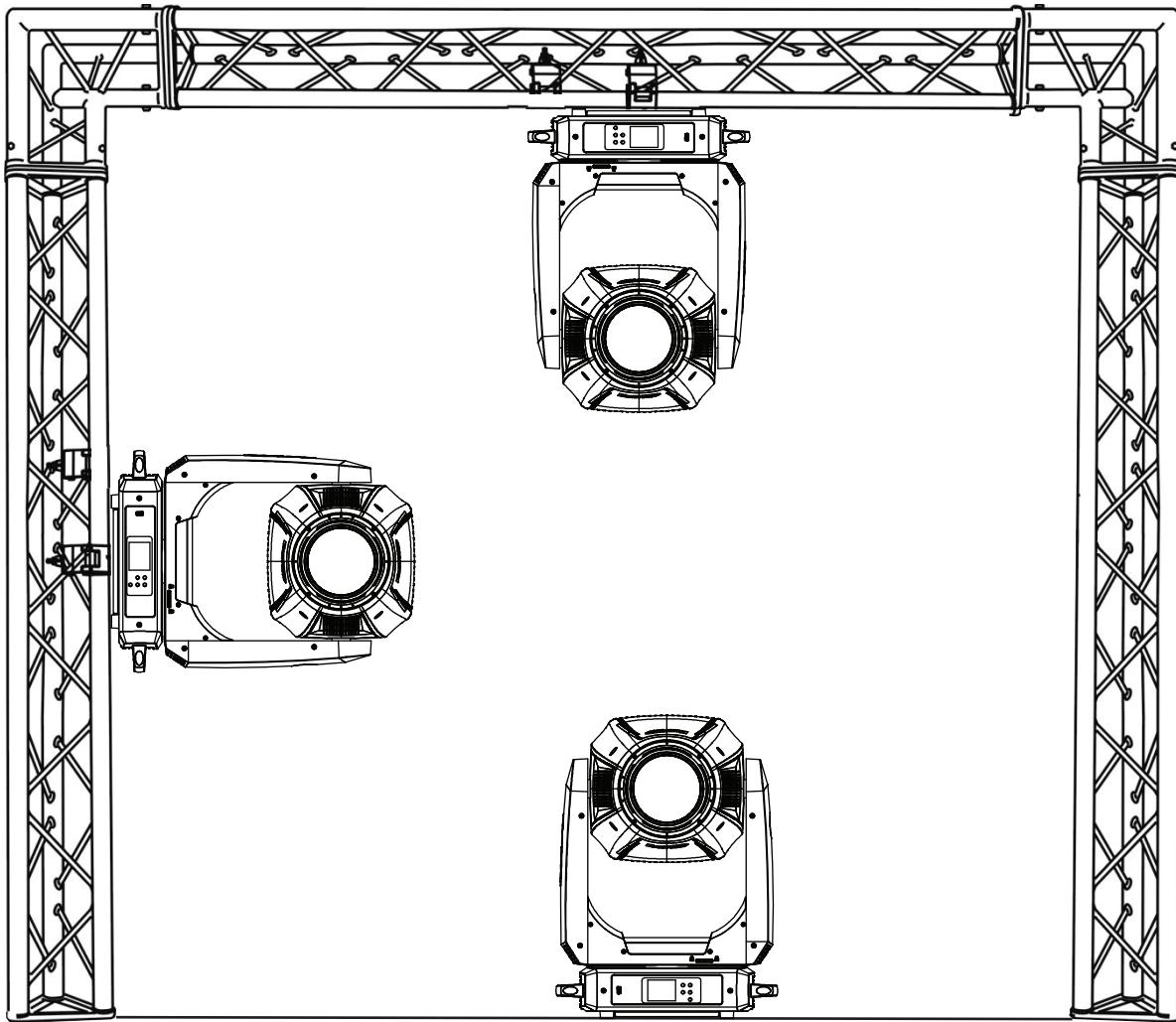
When mounting the fixture to a truss, be sure to secure an appropriately rated professional grade rigging clamp to the bottom of the fixture using (2x) minimum grade 8.8 steel (2x) M12x25mm bolts fitted through the mounting hole of the Clamp. The fixture provides built-in rigging points for a SAFETY CABLE (not included). Be sure to only use one of the designated rigging points for the safety cable and never secure a safety cable to a carrying handle.



INSTALLATION GUIDELINES

Fixture Installation

This fixture is fully operational in three different mounting positions: hanging upside-down, mounted sideways on trussing, or set on a flat level surface. Be sure this fixture is kept well away from any flammable materials (decoration etc.). Always use and install a safety cable of the proper rating as a safety measure to prevent accidental damage and/or injury in the event the clamp fails.



FALLING FIXTURES CAN CAUSE SEVERE INJURY OR SERIOUS EQUIPMENT DAMAGE! FOR THIS REASON, FIXTURES SHOULD BE INSTALLED AND INSPECTED ONLY BY QUALIFIED PERSONNEL. DO NOT INSTALL THE UNIT IF YOU LACK THE QUALIFICATIONS TO DO SO, OR IF YOU HAVE DOUBTS ABOUT THE SAFETY AND SECURITY OF THE INSTALLATION SETUP OR LOCATION!



ALWAYS ATTACH A SAFETY CABLE WHENEVER INSTALLING THIS FIXTURE IN A SUSPENDED ENVIRONMENT TO ENSURE THE FIXTURE WILL NOT FALL IF THE CLAMP FAILS.

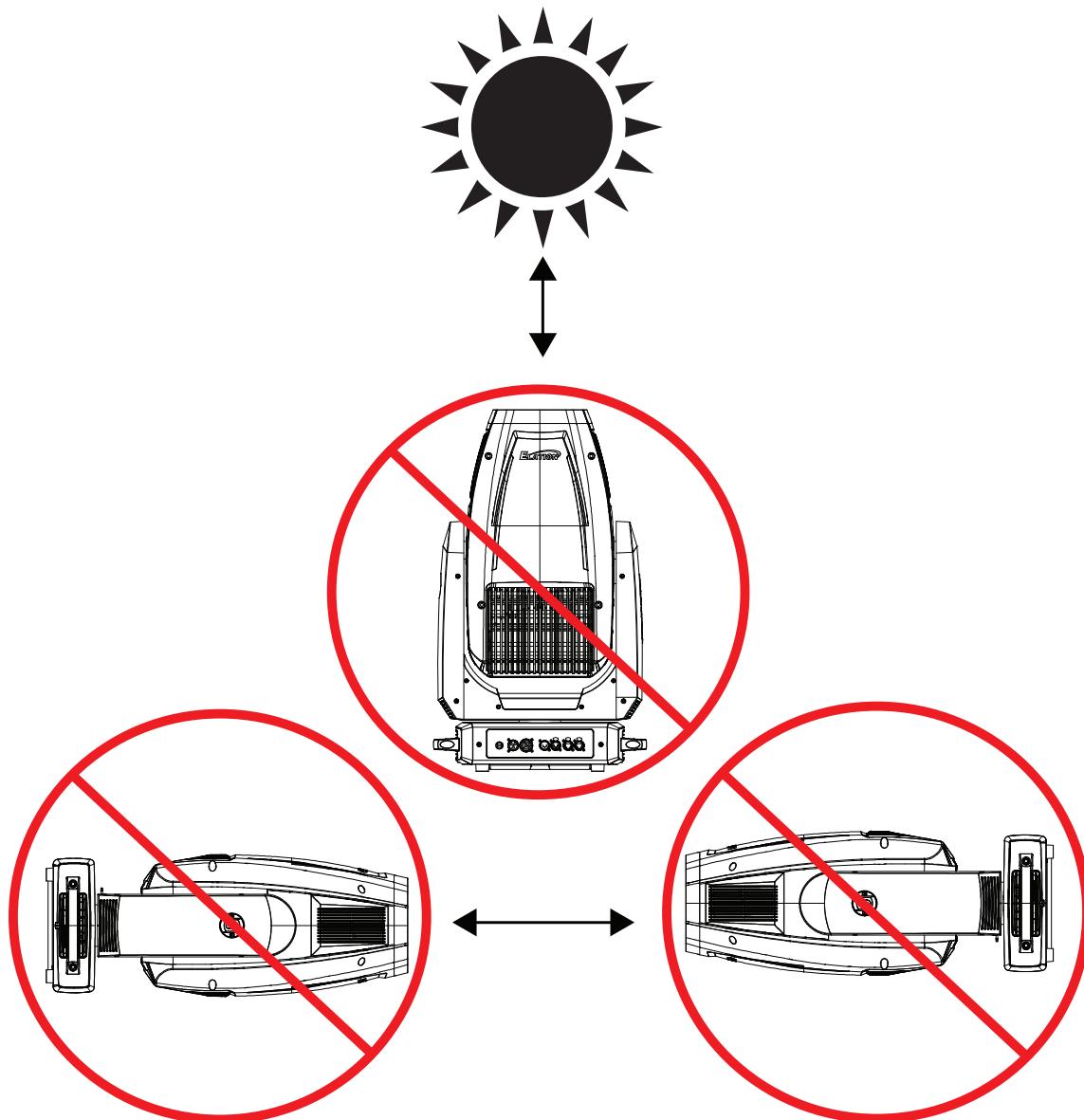
INSTALLATION GUIDELINES

POTENTIAL INTERNAL FIXTURE DAMAGE FROM EXTERNAL SOURCES OF LIGHT BEAMS

External sources of light beams from direct sunlight, lighting moving head fixtures, and lasers, which are focused directly towards the exterior housing and/or penetrate the front lens opening of ELATION lighting fixtures, can cause severe internal damage including burning to optics, dichroic color filters, glass and metal gobos, prisms, animation wheels, frost filters, iris, shutters, motors, belts, wiring, discharge lamps, and LEDs.

This issue is not specific only to ELATION lighting fixtures, it is a common issue with lighting fixtures from all manufacturers. Although there is no true way to fully prevent this issue from happening, the guidelines below can prevent any potential damage from occurring if followed. Contact ELATION Service for more details.

DO NOT EXPOSE THE FIXTURE AND/OR FRONT LENS OPENING TO LIGHT BEAMS FROM DIRECT SUNLIGHT, OTHER LIGHTING MOVING HEAD FIXTURES, AND LASERS WHILE UNPACKING, INSTALLATION, USE, AND EXTENDED IDLE TIMES OUTDOORS. DO NOT FOCUS A LIGHT BEAM FROM ONE LIGHTING FIXTURE DIRECTLY TOWARDS ANOTHER.



REMOTE DEVICE MANAGEMENT (RDM)

NOTE: In order for RDM to work properly, RDM enabled equipment must be used throughout the entire system, including DMX data splitters and wireless systems.

Remote Device Management (RDM) is a protocol that sits on top of the DMX512 data standard for lighting, and allows the DMX systems of the fixtures to be modified and monitored remotely. This protocol is ideal for instances in which a unit is installed in a location that is not easily accessible.

With RDM, the DMX512 system becomes bi-directional, allowing a compatible RDM enabled controller to send out a signal to devices on the wire, as well as allowing the fixture to respond (known as a GET command). The controller can then use its SET command to modify settings that would typically have to be changed or viewed directly via the unit's display screen, including the DMX Address, DMX Channel Mode, and Temperature Sensors.

Fixture RDM Information:

Device ID	Device Model ID	RDM Code	Personality ID
0043	43	0x22A6	001: Standard 002: Extended 003: RGB 004: RGB Extended 005: CMY 006: CMY Extended

Please be aware that **not all RDM devices support all RDM features**, and therefore it is important to check beforehand to ensure that the equipment that you are considering includes all of the features that you require.

The following parameters are accessible in RDM on this device:

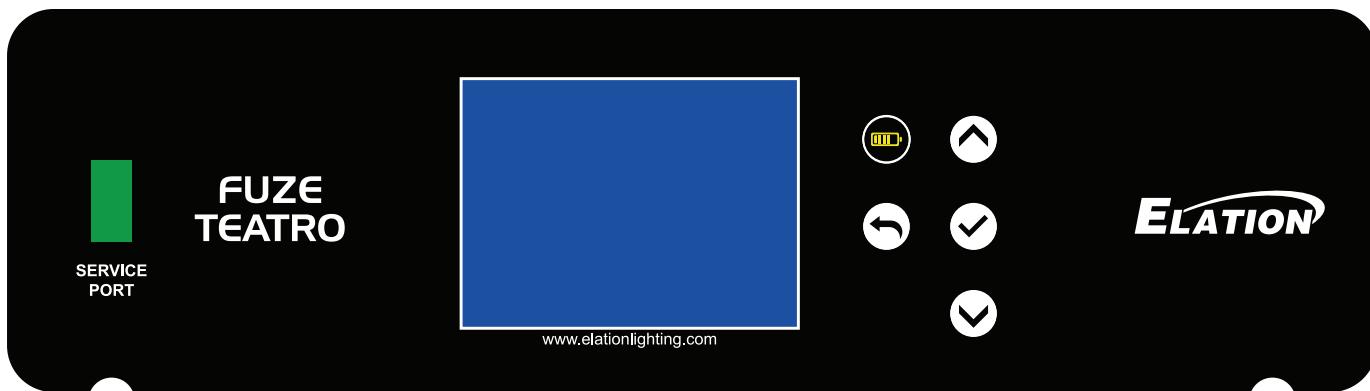
[0x0200] Sensor Definition	[0x0500] Display Invert
[0x0201] Sensor Value	[0x0501] Display Level
[0x0080] Device Model Description	[0x0603] Realtime Clock
[0x0081] Manufacturer Label	[0x1010] Power State
[0x0082] Device Label	[0x1031] Preset Playback
[0x00E0] DMX Personality	[0x0122] Default Slot Value
[0x00E1] DMX Personality Description	[0x00B0] Language
[0x0400] Device Hours	[0x00A0] Language Capabilities
[0x0015] Comms Status	[0x00C2] Boot Software Version Label
[0x0031] Status ID Description	[0x00C1] Boot Software Version ID
[0x0032] Clear Status ID	[0x0070] Product Detail ID List
[0x0405] Device Power Cycles	[0x0030] Status Messages
[0x0600] Pan Invert	[0x1001] Reset Device
[0x0601] Tilt Invert	[0x0014] Undefined PID
[0x0602] Pan Tilt Swap	

CONTROL PANEL

The fixture includes an easy to navigate system menu. The control panel display is located on the rear panel of the fixture (see image below) and provides access to the main system menu, where all necessary system adjustments are made to the fixture. During normal operation, you can navigate through the different menu options with the DOWN and UP buttons. To select the option shown on the screen, press the ENTER (check mark) button, then use the DOWN and UP buttons to adjust the field. Pressing the ENTER button once more will confirm the setting. Exit the main menu at any time without making any adjustments by pressing the BACK button.

The control panel also features a battery charge indicator near the control buttons, as well as a service port for updating the device's software (see the note below).

In default setting, the screen will remain on as long as that device is connected to power. However, it can be configured to lock after a certain period of inactivity by navigating to Settings > Display > Screen Lock in the System Menu. To unlock the device, press and hold the ENTER button until a progress bar appears and fills in.



DISPLAY SHORTCUTS:

- **To disable pan/tilt:** Press and hold UP and DOWN for 3 seconds.
- **To reset unit to default settings:** Press and hold BACK and ENTER for 10 seconds (screen will count down from 10). Then use UP and DOWN to toggle between "yes" and "no". "Yes" resets the unit to default settings, while "No" returns to the previous menu without making any changes.



A USB FLASH DRIVE CAN BE USED TO UPDATE THE FIXTURE TO THE LATEST SOFTWARE. Load the updated software onto a USB Flash Drive, making sure the drive contains no other files, and insert the driver into the USB Service Port. Turn the fixture off, then power it back on. The updated software will load and install automatically.

AN ELATION C-LOADER II CAN ALSO BE USED TO UPDATE THE FIXTURE TO THE LATEST SOFTWARE. To order this device, please contact Elation Support for further details.

ELATION SERVICE USA - Monday - Friday 8:00am to 4:30pm PST
323-582-3322 | support@elationlighting.com

ELATION SERVICE EUROPE - Monday - Friday 08:30 to 17:00 CET
+31 45 546 85 63 | support@elationlighting.eu

SYSTEM MENU

DMX	DMX Address	001 - 512		Set DMX address					
	DMX Mode	Standard		Select DMX channel mode					
		Extended							
		RGB							
		RGB Extended							
		CMY							
		CMY Extended							
	No DMX Status	Hold Last		Unit holds last setting if DMX signal is lost or interrupted					
		Fade to Black		Unit display fades to black if DMX signal is lost or interrupted					
		Hibernation	Off, 1min - 99min, default = 15min	Unit goes on standby for the selected time period if DMX signal is lost or interrupted					
CONTROL	Protocol	Select Signal	DMX	Select signal					
			Art-Net						
			sACN						
			Aria In - DMX Out						
			DMX In - Aria Out						
		Universe	0 - 255 (default = 1)	Select universe					
		IP Address	2.x.x.x	Set IP address					
		Subnet Mask	255.0.0.0	Set subnet mask					
		KlingNet	Off / On						
	Ethernet DMX Out	Off / On	Enable or disable ethernet out ports						
	Aria	Aria Channel	0 - 14	Set Aria channel					
CONTROL	Manual Control	Pan		Manual control of each trait					
		Pan Fine							
		Tilt							
		...							
	Reset	All		Reset indicated motors					
		Pan Tilt							
		Gobo							
Focus and Zoom									
Others									

SYSTEM MENU

CONTROL (continued)	Self Test	All	Run indicated self test	
		Dimmer		
		Movement		
		Color Mix		
		Gobo		
		Beam		
SETTINGS	Performance	Ultra Quiet	Select performance mode	
		Best Speed		
	Movement	Pan Invert	Off / On	Invert pan movement
		Tilt Invert	Off / On	Invert tilt movement
		Pan Tilt Speed	Smooth / Fast	Select pan/tilt speed setting
		Follow Spot	Off / On	Disables pan/tilt functions
		Pan Tilt Feedback	Off / On	Enable or disable pan/tilt feedback
	Dimmer Curve	Pan Degree	540 / 630	Set pan degree
		Pan/Tilt Reset Mode	Fast Reset / Traditional	Set pan/tilt reset mode
		Linear	Select dimmer curve	
		Square		
		Square Inverse		
		S-Curve		
	Dimmer Mode	Standard	Select dimmer mode	
		Stage		
		TV		
		Architectural		
		Theatre		
		Stage 2	Set dim speed	
		Dim Speed		
	Dim to Warm	0s - 10s	Set dim speed	
	LED Refresh Rate	900Hz - 1500Hz, 2500Hz, 4000Hz, 5000Hz, 6000Hz, 10KHz, 15KHz , 20KHz, 25KHz	Set LED refresh rate	
	Color Tuning	Highest Fidelity	Set color tuning	
		Balanced Output and Fidelity		
		Highest Output		
	Output Balance	Bright (Highest Output)	Set output balance	
		Uniform (Elation Full Spectrum Match)		

SYSTEM MENU

SETTINGS (continued)	LED Power Limit	50%	Set LED power limit
		60%	
		70%	
		80%	
		90%	
		100%	
	Display	Screen Delay Screen Lock Auto Rotate	10s - 5min (default = 1min) Off , 10s - 5min Off / On
INFORMATION	Reset Defaults	Yes / No	Reset unit to factory default settings
	Time	Current Time	Displays current run time
		Total Run Time	Displays lifetime run time
		Last Run Time	Displays last run time
		LED Time	Displays LED on time
		Base	Displays base temperature
	DMX Values	LED	Displays LED temperature
		Pan	Displays current DMX values for each parameter
		Tilt	
	Product IDs	RDM UID	Displays RDM UID
	Error Logs	Fixture Errors	Displays logged errors one by one
	Software Version	Vx.x	Displays current software version

SYSTEM MENU

SERVICE (Passcode = 50)	Calibration	Dimmer	Calibrate each parameter
		Pan	
		Tilt	
		...	
	Reset Last Run	Yes / No	Reset last run time
	Reset Error Logs	Yes / No	Clear error log
	Pan Tilt Record	No Record	Select pan tilt record setting
		Pan Record	
		Tilt Record	
	All Record		

DMX TRAITS

Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
1	1	1	1	1	1	0 - 255	Pan		127
							Left → Right		
2	2	2	2	2	2	0 - 255	Pan Fine		127
							Fine Position		
3	3	3	3	3	3	0 - 255	Tilt		127
							Forward → Backward		
4	4	4	4	4	4	0 - 255	Tilt Fine		127
							Fine Position		
5	5	5	5			0 - 255	Red		0
							0% → 100%		
	6		6			0 - 255	Red Fine		0
							Fine Saturation		
6	7	6	7			0 - 255	Green		0
							0% → 100%		
	8		8			0 - 255	Green Fine		0
							Fine Saturation		
7	9	7	9			0 - 255	Blue		0
							0% → 100%		
	10		10			0 - 255	Blue Fine		0
							Fine Saturation		
8	11					0 - 255	Mint		0
							0% → 100%		
	12					0 - 255	Mint Fine		0
							Fine Saturation		
9	13					0 - 255	Amber		0
							0% → 100%		
	14					0 - 255	Amber Fine		0
							Fine Saturation		
						0 - 255	Cyan		0
							0% → 100%		
						0 - 255	Cyan Fine		0
							Fine Saturation		
						0 - 255	Magenta		0
							0% → 100%		
						0 - 255	Magenta Fine		0
							Fine Saturation		
						0 - 255	Yellow		0
							0% → 100%		
						0 - 255	Yellow Fine		0
							Fine Saturation		

DMX TRAITS

Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
10		8		8			CCT Presets		0
						0 - 23	Open (6000K)		
						24 - 85	2400K → 8500K (refer to Color Temperature Chart)		
						86 - 255	8500K		
	15		11		11		Variable CCT		0
						0 - 23	Open (6000K)		
						24 - 255	2400K → 8500K		
	16		12		12		Variable CCT Fine		0
						0 - 255	Fine Adjustment		
	17		13		13		Green Shift		0
						0	Idle		
						1 - 127	Full Minus Green to Neutral		
						128	Neutral White		
						129 - 255	Neutral to Full Plus Green		
	11	18	9	14	9	14			0
							Color		
							0		
							Virtual Swatch Book (see Virtual Colors section of this manual)		
							Scroll		
							180 - 201	Clockwise Fast → Slow	
							202 - 207	Stop	
							208 - 229	Counter-clockwise Slow → Fast	
							230 - 234	Open	
								Random Slots	
							235 - 239	Fast	
							240 - 244	Medium	
							245 - 249	Slow	
							250 - 255	Open	
	12	19	10	15	10	15			0
							Rotating Gobo Wheel 1		
							0 - 9	Open	
							10 - 19	Rotating Gobo 1	
							20 - 29	Rotating Gobo 2	
							30 - 39	Rotating Gobo 3	
							40 - 49	Rotating Gobo 4	
							50 - 59	Rotating Gobo 5	
							60 - 69	Rotating Gobo 6	
							70 - 89	Gobo 1 Shake Slow → Fast	
							90 - 109	Gobo 2 Shake Slow → Fast	
							110 - 129	Gobo 3 Shake Slow → Fast	
							130 - 149	Gobo 4 Shake Slow → Fast	
							150 - 169	Gobo 5 Shake Slow → Fast	
							170 - 189	Gobo 6 Shake Slow → Fast	

DMX TRAITS

Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
12	19	10	15	10	15		Scroll		0
						190 - 221	Clockwise Fast → Slow		
						222 - 223	Stop		
						224 - 255	Counter-clockwise Slow → Fast		
13	20	11	16	11	16		Rotating Gobo Index / Rotation		0
						0 - 127	Index Position		
							Rotate		
						128 - 189	Clockwise Fast → Slow		
						190 - 193	Stop		
						194 - 255	Counter-clockwise Slow → Fast		
14	21	12	17	12	17		Rotating Gobo Index / Rotation Fine		0
						0 - 255	Fine Adjustment		
15	22	13	18	13	18		Rotating Gobo Wheel 2		0
						0 - 9	Open		
						10 - 19	Rotating Gobo 1		
						20 - 29	Rotating Gobo 2		
						30 - 39	Rotating Gobo 3		
						40 - 49	Rotating Gobo 4		
						50 - 59	Rotating Gobo 5		
						60 - 69	Rotating Gobo 6		
						70 - 89	Gobo 1 Shake Slow → Fast		
						90 - 109	Gobo 2 Shake Slow → Fast		
						110 - 129	Gobo 3 Shake Slow → Fast		
						130 - 149	Gobo 4 Shake Slow → Fast		
						150 - 169	Gobo 5 Shake Slow → Fast		
						170 - 189	Gobo 6 Shake Slow → Fast		
							Scroll		
						190 - 221	Clockwise Fast → Slow		
						222 - 223	Stop		
						224 - 255	Counter-clockwise Slow → Fast		
16	23	14	19	14	19		Rotating Gobo Wheel 2 Index/Rotation		0
						0 - 127	Index Position		
							Rotate		
						128 - 189	Clockwise Fast → Slow		
						190 - 193	Stop		
						194 - 255	Counter-clockwise Slow → Fast		
17	24	15	20	15	20		Rotating Gobo Wheel 2 Index/Rotation Fine		0
						0 - 255	Fine Adjustment		

DMX TRAITS

Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
18	25	16	21	16	21		Prism	X	0
						0 - 5	Open		
						6 - 31	Prism 1		
						32 - 127	Prism 2		
						128 - 255	Idle		
19	26	17	22	17	22		Prism Index / Rotation	64	64
						0 - 127	Index Position		
							Rotate		
						128 - 189	Clockwise Fast → Slow		
						190 - 193	Stop		
						194 - 255	Counter-clockwise Slow → Fast		
20	27	18	23	18	23	0 - 255	Prism Index / Rotation Fine		127
							Fine Adjustment		
21	28	19	24	19	24	0 - 255	Focus		127
							Infinity → Near		
	29		25		25	0 - 255	Focus Fine		127
							Fine Adjustment		
22	30	20	26	20	26	0 - 255	Zoom		127
							Narrow → Wide		
23	31	21	27	21	27	0 - 255	Zoom Fine		127
							Fine Adjustment		
24	32	22	28	22	28		Strobe	50	50
						0 - 31	Closed		
						32 - 63	Open		
						64 - 95	Strobe effect slow → fast		
						96 - 127	Open		
						128 - 159	Pulse effect		
						160 - 191	Open		
						192 - 223	Random Slow → Fast		
						224 - 255	Open		
25	33	23	29	23	29	0 - 255	Dimmer		0
							0% → 100%		
26	34	24	30	24	30	0 - 255	Dimmer Fine		0
							Fine Adjustment		
27	35	25	31	25	31		Dimmer Modes	X	0
						0 - 20	Standard		
						21 - 40	Stage		
						41 - 60	TV		
						61 - 80	Architectural		
						81 - 100	Theatre		
						101 - 120	Stage 2		

DMX TRAITS

Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
27	35	25	31	25	31		Dimmer Time	X	0
						121	0s		
						122	0.1s		
						123	0.2s		
						124	0.3s		
						125	0.4s		
						126	0.5s		
						127	0.6s		
						128	0.7s		
						129	0.8s		
						130	0.9s		
						131	1.0s		
						132	1.5s		
						133	2.0s		
						134	3.0s		
						135	4.0s		
						136	5.0s		
						137	6.0s		
						138	7.0s		
						139	8.0s		
						140	9.0s		
						141	10s		
						142 - 149	Idle		
							Dim to Warm		
						150 - 154	DTW On		
						155 - 159	DTW Off		
						160 - 255	Idle		
28	36	26	32	26	32		Iris	0	0
						0 - 191	Max diameter to min diameter		
						192 - 223	Pulse opening fast to slow		
						224 - 255	Pulse closing slow to fast		
	37		33		33	0 - 255	Iris Fine	0	0
							Fine Adjustment		
29	38	27	34	27	34	0 - 255	Frost (Light)	0	0
							Open → Closed		
30	39	28	35	28	35	0 - 255	Frost (Wash)	0	0
							Open → Closed		
31	40	29	36	29	36		Animation Wheel	0	0
						0 - 7	Open		
						8 - 255	Animation Min → Max		

DMX TRAITS

Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
32	41	30	37	30	37	0 - 255	Animation Index / Rotation		64
							0 - 127 Index Position		
							Rotate		
							128 - 189 Clockwise Fast → Slow		
							190 - 193 Stop		
							194 - 255 Counter-clockwise Slow → Fast		
33	42	31	38	31	38	0 - 255	Blade 1 A		0
							Open → Closed		
	43		39		39	0 - 255	Blade 1 A Fine		0
							Fine Adjustment		
34	44	32	40	32	40	0 - 255	Blade 1 B		0
							Open → Closed		
	45		41		41	0 - 255	Blade 1 B Fine		0
							Fine Adjustment		
35	46	33	42	33	42	0 - 255	Blade 2 A		0
							Open → Closed		
	47		43		43	0 - 255	Blade 2 A Fine		0
							Fine Adjustment		
36	48	34	44	34	44	0 - 255	Blade 2 B		0
							Open → Closed		
	49		45		45	0 - 255	Blade 2 B Fine		0
							Fine Adjustment		
37	50	35	46	35	46	0 - 255	Blade 3 A		0
							Open → Closed		
	51		47		47	0 - 255	Blade 3 A Fine		0
							Fine Adjustment		
38	52	36	48	36	48	0 - 255	Blade 3 B		0
							Open → Closed		
	53		49		49	0 - 255	Blade 3 B Fine		0
							Fine Adjustment		
39	54	37	50	37	50	0 - 255	Blade 4 A		0
							Open → Closed		
	55		51		51	0 - 255	Blade 4 A Fine		0
							Fine Adjustment		
40	56	38	52	38	52	0 - 255	Blade 4 B		0
							Open → Closed		
	57		53		53	0 - 255	Blade 4 B Fine		0
							Fine Adjustment		
41	58	39	54	39	54	0 - 255	Framing Rotation		127
							0 - 126 Min (-60°)		
							127 - 128 Parallel (0°)		
							129 - 255 Max (+60°)		

DMX TRAITS

Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
	59		55		55		Framing Rotation Fine		0
						0 - 255	Fine Adjustment		
	60		56		56		Pan / Tilt Speed		
						0 - 225	Max → Min Speed		
						226 - 235	Blackout by movement		
						236 - 245	Blackout by wheel changes		
						246 - 255	No function		
							Control		
						0 - 19	Wheel Snap		
						20 - 39	Wheel Fade		
							Performance Mode*		
						40 - 44	Ultra Quiet (default)		
						45 - 49	Best Speed		
						50 - 79	Idle		
							Reset		
						80 - 84	All		
						85 - 87	Pan / Tilt		
						88 - 90	Gobo		
						91 - 93	Focus and Zoom		
						94 - 96	Others		
						97 - 99	Idle		
							Refresh Rate (Hz)		
						100	900		
						101	910		
						102	920		
						103	930		
						104	940		
						105	950		
						106	960		
						107	970		
						108	980		
						109	990		
						110	1000		
						111	1010		
						112	1020		
						113	1030		
						114	1040		
						115	1050		
						116	1060		
						117	1070		
						118	1080		
						119	1090		
						120	1100		

DMX TRAITS

Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
							Refresh Rate (Hz) (continued)		
						121	1110		
						122	1120		
						123	1130		
						124	1140		
						125	1150		
						126	1160		
						127	1170		
						128	1180		
						129	1190		
						130	1200		
						131	1210		
						132	1220		
						133	1230		
						134	1240		
						135	1250		
						136	1260		
						137	1270		
						138	1280		
						139	1290		
						140	1300		
42	61	40	57	40	57	141	1310	X	0
						142	1320		
						143	1330		
						144	1340		
						145	1350		
						146	1360		
						147	1370		
						148	1380		
						149	1390		
						150	1400		
						151	1410		
						152	1420		
						153	1430		
						154	1440		
						155	1450		
						156	1460		
						157	1470		
						158	1480		
						159	1490		
						160	1500		
						161	2500		
						162	4000		

DMX TRAITS

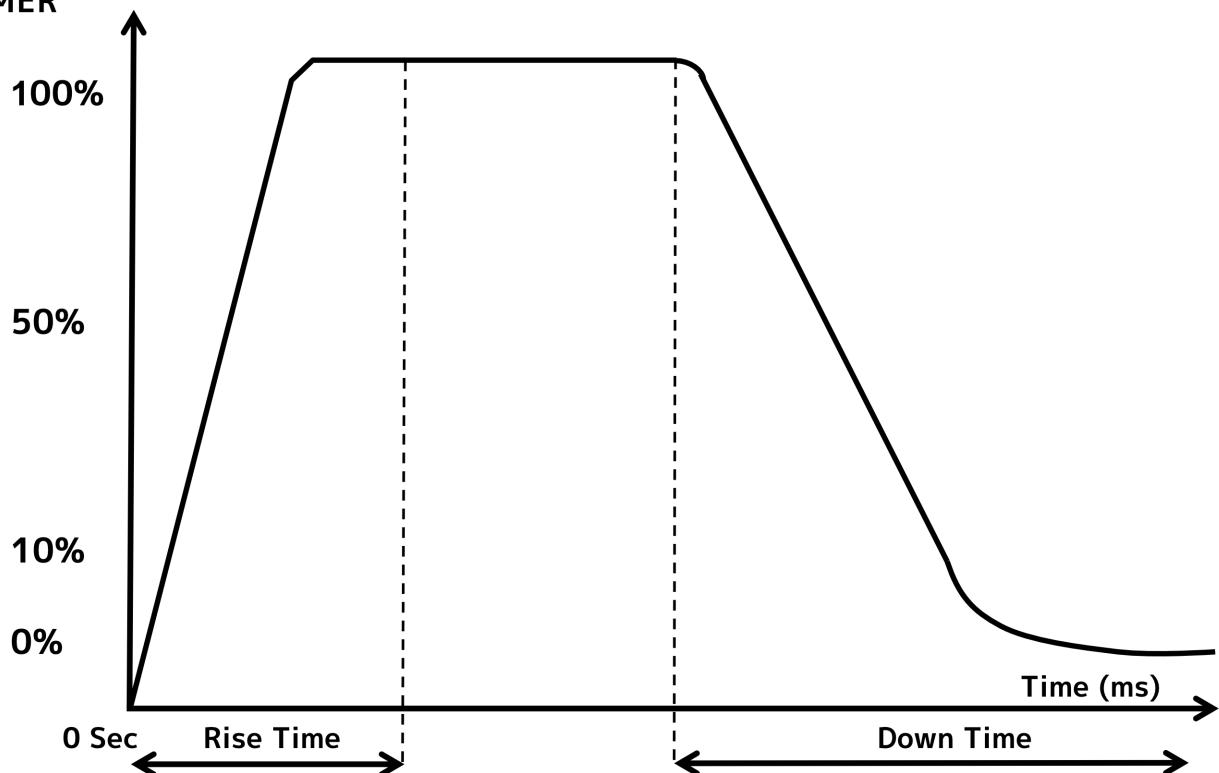
Std	Ext	RGB	RGB Ext	CMY	CMY Ext	DMX Values	Function	Snap	Def Value
42	61	40	57	40	57		Refresh Rate (Hz) (continued)	X	0
						163	5000		
						164	6000		
						165	10000 (default)		
						166	15000		
						167	20000		
						168	25000		
						169 - 174	Idle		
							Color Tuning		
						175 - 176	Highest Fidelity		
						177 - 178	Balanced Output and Fidelity		
						179 - 180	Highest Output (Default)		
							Output Balance		
						181 - 182	Bright (Highest Output)		
						183 - 184	Uniform (Elation Full Spectrum Match)		
						185 - 200	Idle		
							Dimmer Curves		
						201 - 210	Linear		
						211 - 220	Square		
						221 - 230	Inverse Square		
						231 - 240	S-Curve (default)		
						241 - 255	Idle		

*NOTES:

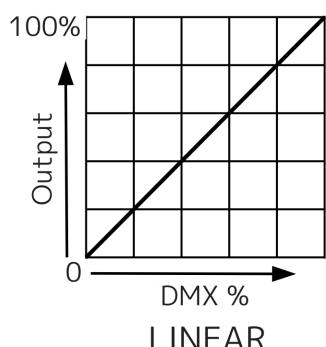
- **Performance Mode, Ultra Quiet:** Most motors are slowed down in order to reduce noise and vibration, and motors that support functions that generate noise (such as pan, tilt, focus, and zoom) gradually ramp up and down as needed.
- **Performance Mode, Best Speed:** Motors move at optimized speed.

DIMMER MODES & CURVES

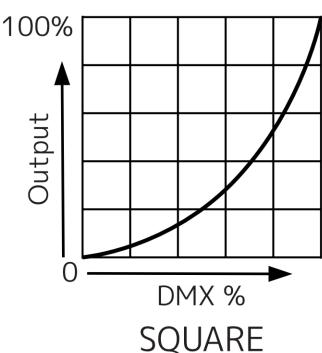
DIMMER



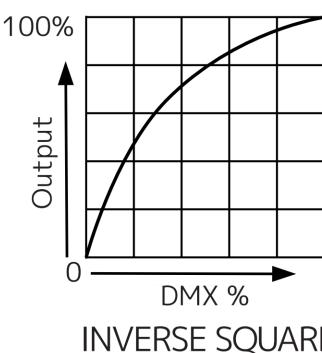
Dimming Curve	0 sec Fade Time		1 sec Fade Time	
	Rise Time (ms)	Down Time (ms)	Rise Time (ms)	Down Time (ms)
Standard (default)	0	0	0	0
Stage	780	1100	1540	1660
TV	1180	1520	1860	1940
Architectural	1380	1730	2040	2120
Theatre	1580	1940	2230	2280
Stage 2	0	1100	0	1660



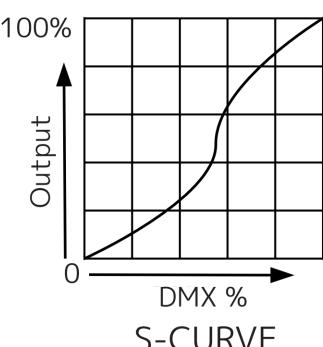
LINEAR



SQUARE



INVERSE SQUARE



S-CURVE

COLOURTUNE TECHNOLOGY

The **FUZE TEATRO** features our latest advanced fixture software, **ColourTune Technology**. This innovative software offers various features to enhance the control and precision of the fixture and the light it creates. You can find these features in the Settings submenu under Color Tuning.

COLOR TUNING

This feature allows users to select between Highest Output, Highest Fidelity, or a blend of both. When Highest Output is chosen, the fixture prioritizes intensity by producing the selected CCT and color settings at maximum output while maintaining the best color fidelity possible. When Highest Fidelity is selected, the fixture prioritizes light quality by generating the selected CCT and color settings at the highest fidelity possible while offering the best intensity it can. The difference between fidelity and output changes varies depending on the CCT and color settings. Selecting Balanced Output and Fidelity equally prioritizes fidelity and output to produce the selected CCT and color settings with balanced fidelity and output.

OUTPUT BALANCE

Output Balance settings allow users to choose between Bright and Uniform (Elation Full Spectrum Match). This setting enables color tone balancing across multiple fixture models that also use Elation's Full Spectrum Engine. Selecting the Uniform setting reduces the intensity of some primary colors to ensure all mixed colors match across multiple fixture models. The Uniform setting also ensures color temperature and output levels are closely matched across fixtures of the same model.

16-BIT CCT CONTROL

In a DMX mode with 16-bit CCT control, fully variable CCT values are available, and adjustments of 1 degree Kelvin are achievable.

DIM TO WARM

With this feature activated, the fixture emulates a tungsten lamp by decreasing the color temperature as it dims. This works with any set CCT value, and only affects the output if a base CCT is established.

WHITE POINT ADJUSTMENT

The White Point Adjustment feature allows users to set a desired CCT value, and then mix color from that white set point. This color can be mixed manually through adjusting the primary color channels, or by selecting a color in the virtual swatch book.

VIRTUAL SWATCH BOOK FADE

The ability to fade between two virtual swatch book color selections has been added. Users can select a fade time using the Dimmer Delay Time setting in the Dim Mode Control Channel. Changing between colors in the swatch book will then utilize the chosen timing.

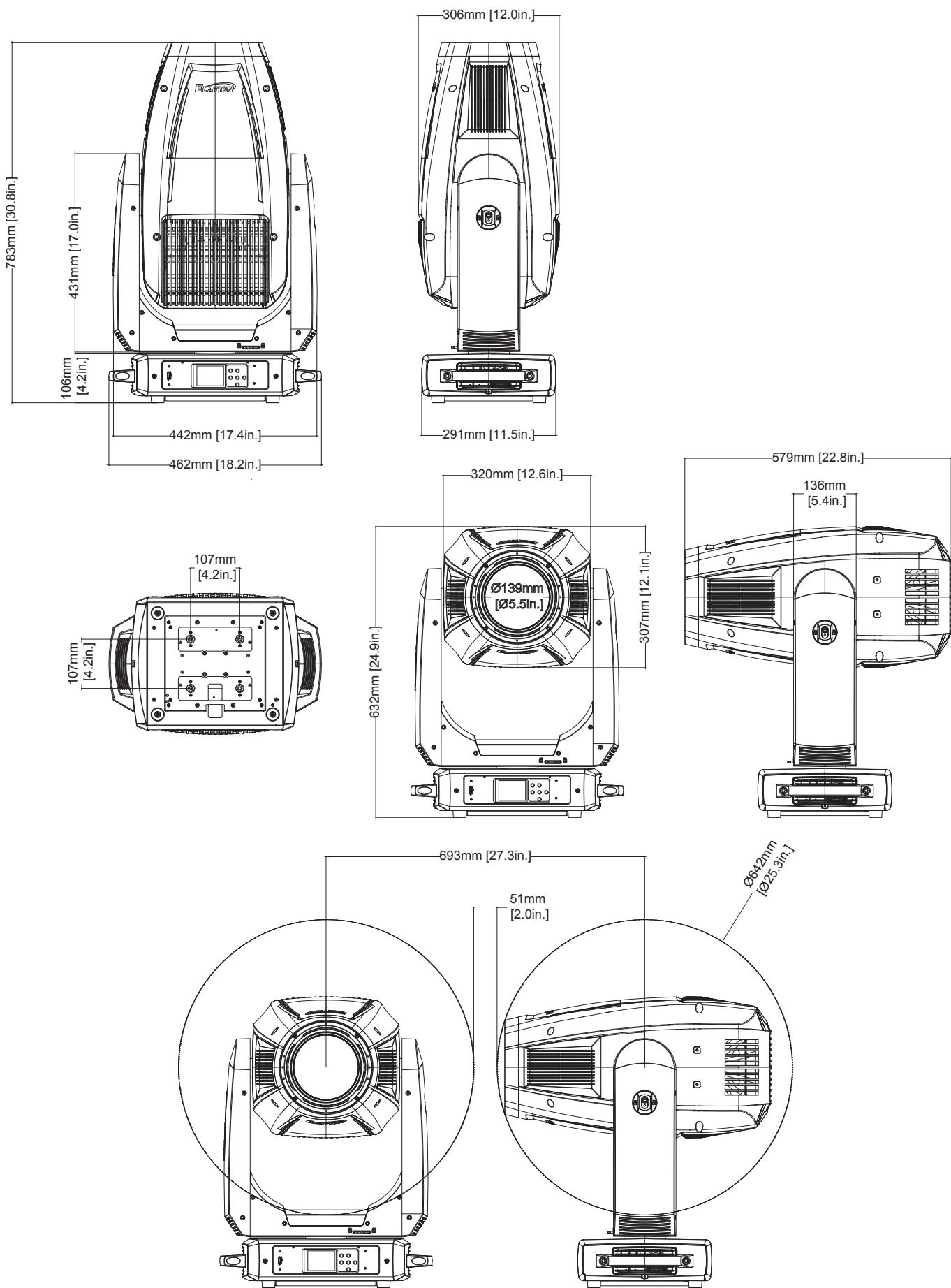
COLOR TEMPERATURE CHART

DMX VALUE	COLOR TEMPERATURE (K)	DMX VALUE	COLOR TEMPERATURE (K)
24	2400	63	6300
25	2500	64	6400
26	2600	65	6500
27	2700	66	6600
28	2800	67	6700
29	2900	68	6800
30	3000	69	6900
31	3100	70	7000
32	3200	71	7100
33	3300	72	7200
34	3400	73	7300
35	3500	74	7400
36	3600	75	7500
37	3700	76	7600
38	3800	77	7700
39	3900	78	7800
40	4000	79	7900
41	4100	80	8000
42	4200	81	8100
43	4300	82	8200
44	4400	83	8300
45	4500	84	8400
46	4600	85	8500
47	4700		
48	4800		
49	4900		
50	5000		
51	5100		
52	5200		
53	5300		
54	5400		
55	5500		
56	5600		
57	5700		
58	5800		
59	5900		
60	6000		
61	6100		
62	6200		

COLOR MACROS CHART

Value	Filter Number	Name	Value	Filter Number	Name
1	7	Pale Yellow	32	49	Medium Purple
2	103	Straw	33	58	Lavender
3	151	Gold Tint	34	199	Palace Blue
4	100	Spring Yellow	35	119	Dark Blue
5	10	Medium Yellow	36	132	Medium Blue
6	101	Yellow	37	120	Deep Blue
7	104	Deep Amber	38	165	Daylight Blue
8	15	Deep Straw	39	161	Slate Blue
9	179	Loving Amber	40	118	Light Blue
10	21	Gold Amber	41	68	Sky Blue
11	105	Orange	42	143	Pale Navy Blue
12	158	Deep Orange	43	131	Marine Blue
13	22	Dark Amber	44	115	Peacock Blue
14	778	Millenium Gold	45	172	Lagoon Blue
15	135	Deep Golden Ambe	46	116	Medium Blue Green
16	24	Scarlet	47	90	Dark Yellow Green
17	106	Primary Red	48	139	Primary Green
18	26	Bright Red	49	122	Fern Green
19	27	Medium Red	50	89	Moss Green
20	19	Fire	51	124	Dark Green
21	157	Pink	52	88	Lime Green
22	36	Medium Pink	53	138	Pale Green
23	111	Dark Pink	54	203	Quarter CT Blue
24	128	Bright Pink	55	202	Half CT Blue
25	148	Bright Rose	56	201	FULL CT Blue
26	332	Special Rose Pink	57	200	double CT Blue
27	793	Vanity Fair	58	206	Quarter CT Orange
28	113	Magenta	59	205	Half CT Orange
29	46	Dark Magenta	60	204	FULL CT Orange
30	48	Rose Purple	61-179		No function
31	126	Mauve			

DIMENSIONAL DRAWINGS



SPECIFICATIONS

SOURCE

480W 6,500K RGBMA LED Engine

30,000 Hour Average LED Life*

*Test lab conditions. May vary depending on several factors including but not limited to: Environmental Conditions, Power/Voltage, Usage Patterns (On-Off Cycling), Control, and Dimming.

PHOTOMETRIC DATA

Total Lumen Output

14890 (Integrating Sphere)

13100 (Goniometer)

CRI 95.1

Zoom Range 7° - 50°

Beam Angle 6.8° - 50.5°

Field Angle 8.5° - 54.7°

ACOUSTICAL DATA

A-weighted sound power level

9dB(A) - Intensity 0%

19dB(A) - Intensity 100%

See Acoustic Test Report for additional fixture conditions

EFFECTS

Motorized Zoom

4 Rotating Full Blackout Framing Blades, +/- 60° Index

Dual Variable Frost Filter (Medium/ Wash)

4 Facet Round, 4 Facet Linear Prism

Motorized Iris

Variable 16-bit Dimming Curve Modes

High Speed Electronic Shutter and Strobe

Pan Angle: 540° / 630°

Tilt Angle: 250°

Motionless Reset

COLOR

RGBMA Color Array

CMY Emulation

Variable CCT 2400K - 8500K

Green/Magenta Shift

Virtual Gel Swatch Book

GOBOS

2x 6 Rotating / Indexing Interchangeable

Glass Gobos

Animation Wheel

CONTROL / CONNECTIONS

16-bit Pan, Tilt, and Dimming Control

DMX Adjustable LED Frequency

4 Button Touch Control Panel

Full Color 180° Reversible LCD Menu Display

16 Bit Resolution Adjustable Movement

5pin DMX In/Out

IP65 Locking Power In/Out

SIZE / WEIGHT

Length: 12.0 in (306mm)

Width: 18.2 in (462mm)

Height: 30.8 in (783mm)

Weight: 79.4 lbs. (36kg)

ELECTRICAL / THERMAL

AC 100-240V - 50/60Hz

725W Max Power Consumption

14°F to 113°F (-10°C to 45°C)

BTU/hr (+/- 10%) 2772.25

APPROVALS / RATINGS

CE | cETLus | FCC | IP20



ORDERING INFORMATION

SKU (US)	SKU (EU)	ITEM DESCRIPTION
FUZ625	1237000274	Elation Fuze Teatro

ERROR CODES

Error Codes subject to change without notice	
ERROR CODES	DESCRIPTION
Pan	Pan Motor Error
Tilt	Tilt Motor Error
RotGobo1	Rotating Gobo 1 Error
GoboRot1	Gobo Wheel 1 Rotation Error
RotGobo2	Rotating Gobo 2 Error
GoboRot2	Gobo Wheel 2 Rotation Error
Animation	Animation Wheel Motor Error
AnimationRot	Animation Rotation Motor Error
Zoom	Zoom Motor Error
Focus	Focus Motor Error
Prism1	Prism 1 Motor Error
Prism1Rot	Prism 1 Rotation Motor Error
Prism2	Prism 2 Motor Error
Prism2Rot	Prism 2 Rotation Motor Error
Frost1	Frost 1 Motor Error
Frost2	Frost 2 Motor Error
Blade	Blade Motor Error
LED Temp	LED Temperature Error
Base Temp	Base Temperature Error

