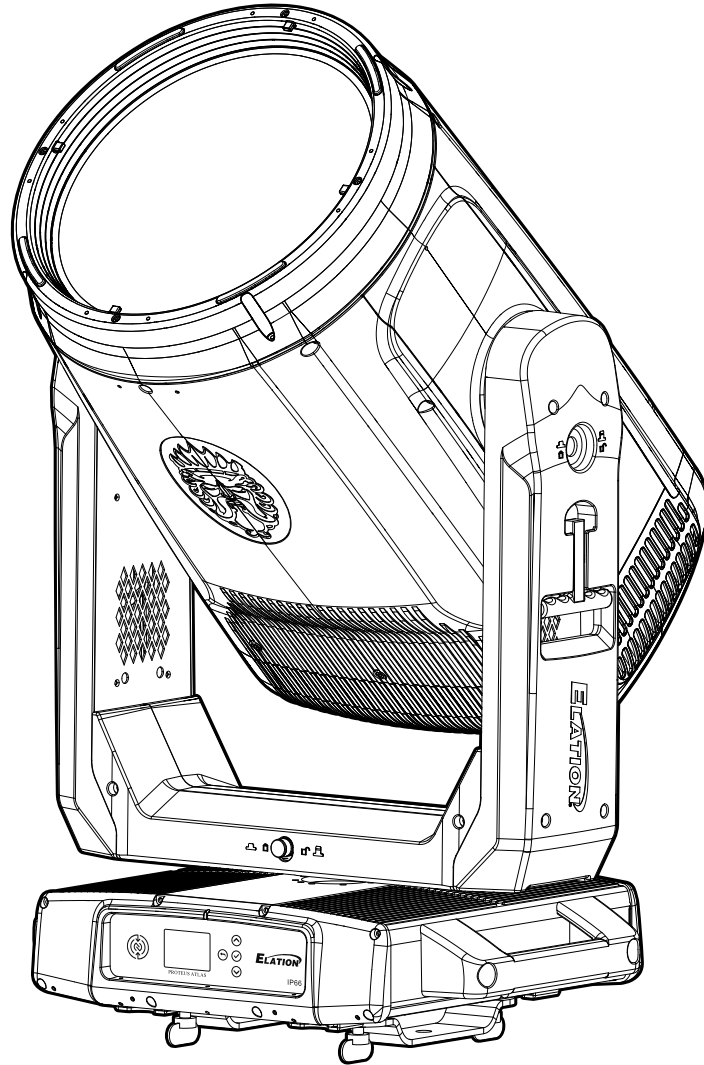


ELATION®



PROTEUS ATLAS

user manual

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Elation Professional USA | 6122 S. Eastern Ave. | Los Angeles, CA. 90040

323-582-3322 | www.elationlighting.com | info@elationlighting.com

Elation Professional B.V. | Junostraat 2 | 6468 EW Kerkrade, The Netherlands

+31 45 546 85 66 | www.elationlighting.eu | info@elationlighting.eu

Elation Professional Mexico | AV Santa Ana 30 | Parque Industrial Lerma, Lerma, Mexico 52000

+52 (728) 282-7070

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 Channels | Notes |
|------------|------------------|------------------|--------------|---|
| 06/25/2024 | 1.0 | 1.0.1 | 26/36 | Initial Release |
| 10/12/2024 | 1.1 | 1.0.2 | 30/41 | FDA Compliance Modifications, including 3 Zone Restriction channels to DMX Traits |
| 03/05/2025 | 1.2 | N/C | No Change | Corrected LILI warning statement |
| 03/11/2025 | 1.3 | N/C | No Change | Added Sky Motion section |
| 05/06/2025 | 1.4 | N/C | No Change | Updated Class 1 Laser Product Conformity Notification |
| 07/10/2025 | 1.6 | N/C | No Change | Updated Error Codes, System Menu, & DMX Traits |
| 11/26/2025 | 1.7 | N/C | No Change | Updated IP66 Rated, Specifications |
| 05/28/2026 | 1.8 | N/C | No Change | Updated: General Info, Installation Guidelines, Specifications; Added Index |

CONTENTS

| | |
|---|-----------|
| General Information | 4 |
| IP66 Rated | 5 |
| Safety Guidelines | 6 |
| Overview | 8 |
| Colors and Gobos | 10 |
| Custom Gobos | 12 |
| IP Test Parameters | 13 |
| Installation Guidelines | 14 |
| Sun Protection Mode Hibernation Mode | 20 |
| Fan Modes and Low Noise Operation | 21 |
| Sky Motion | 22 |
| System Menu | 25 |
| Zone Restriction Setup | 28 |
| Dimmer Modes and Dimmer Curves | 29 |
| DMX Traits | 33 |
| DMX Traits - Restriction Zone | 38 |
| Hazard Distance Values | 39 |
| Remote Device Management (RDM) | 40 |
| Error Codes | 41 |
| Software Updates | 42 |
| Maintenance Guidelines | 47 |
| Specifications | 48 |
| Dimensional Drawings | 49 |
| Optional Accessories FCC Statement | 51 |
| Index | 52 |

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

Omega Brackets (x2)

IP65 Rated 5-pin DMX Cable (x1)

IP65 Rated RJ45 Data Cable (x1) - **FIXTURE TO FIXTURE INTERCONNECTION USE ONLY!**

IP65 Locking Power Cable (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

+31 45 546 85 63 | support@elationlighting.eu

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.

IP66 RATED

The International Protection (IP) rating system is commonly expressed as “IP” (Ingress Protection) followed by two numbers (i.e. IP66), where the numbers define the degree of protection. The first digit (Foreign Bodies Protection) indicates the extent of protection against particles entering the fixture, and the second digit (Water Protection) indicates the extent of protection against water entering the fixture. An **IP66** rated lighting fixture is designed and tested to protect against the ingress of dust (**6**), and high-pressure water jets from any direction (**6**).

Maritime/Seaside Environment Installations: A maritime/seaside environment is adjacent to the sea and caustic to electronics through exposure to atomized salt water and humidity, whereas a coastal environment extends 5 miles inland.

Maritime installations require additional preparation, and additional service intervals may be needed given the maritime use. In general, IP ratings presuppose freshwater conditions VS maritime conditions, which are typically more “caustic” to IP fixtures (both internally and externally). A duty-cycle may also be needed when units are not in use. During times of high humidity and colder temperatures, condensation may occur internally so the fixture may require a duty-cycle to bring it up to running temperature, allowing any accumulation of moisture to be expelled via the vent valve. Recommendations can change based on installation environmental circumstances.

NOTE: NOT ALL FEATURES LISTED ARE AVAILABLE ON ALL FIXTURES; THE FOLLOWING INSTRUCTIONS MAY NOT APPLY. CONTACT SUPPORT FOR ADDITIONAL DETAILS.

Exterior Maintenance: Inspect the exterior every 30-days. The unit must be powered off/disconnected. The chassis should be inspected for any signs of contaminants. Inspect optics to determine if the lens is obstructed, then clean optics and chassis accordingly. Based on initial finding, schedule maintenance accordingly, keeping in mind that exterior maintenance will be required. Even if the luminaires are NOT in use, maintenance will still be needed given its location (exterior use). The use of a durable type of wax on the chassis is recommended since it will help prevent contaminant build up. Inspect both power and data lines for any signs of contaminants or corrosion. Periodically reapplying di-electric grease, especially in coastal environments. If any signs of corrosion/contaminants are present, clean thoroughly, and/or replace connectors, then reapply di-electric grease. Typically, this should be done annually, or any time an opportunity presents itself. As a preventive measure, annual replacement of both vent valves is recommended. The vent valve membrane can become contaminated and/or clogged causing improper venting of humidity within the luminaire. Inspect all mounting hardware as a precaution.

Interior Maintenance: Inspect the interior every 30-days. The unit must be powered off/disconnected.

- Inspect zoom/focus mechanism, clean optics, lubricate linear bearings (Krytox oil) as needed, inspect belts for wear
- Inspect all rotating effect wheels, manually rotate them, note any resistance
- Inspect all remaining rotating belts for any wear
- Inspect all fans, clean as needed, check rotation, check connections
- Inspect CMY module, manually move flags and check for signs of resistance, and if needed, clean guide rods first, then reapply a thin layer of grease (moly lube)
- Clean interior with low-volume compressed air, then clean optics prior to reassembly of head covers

Although the base has limited moving parts, the pan belt should also be inspected for wear. Remember to always perform an IP test anytime a cover is removed.

There is no specific time frame regarding the routine replacement of parts such as belts/stepper motors, PCBs, or LEDs. These items should only be replaced on an as needed bases, except for cooling fans, which should be replaced once the luminaries reach 10,000-hours. This is a prophylactic measure intended to keep the unit running as cool as possible, insuring proper function of all internal components. A complete service breakdown is available, please contact service@elationlighting.com for any needed parts or manuals.

SAFETY GUIDELINES

This fixture is a sophisticated piece of electronic equipment. To guarantee a 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 (omega brackets) 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.



CLASS 1 RISK GROUP 3 PRODUCT PER IEC 62471 - OPERATORS SHALL CONTROL ACCESS TO THE BEAM WITHIN THE HAZARD DISTANCE OR INSTALL THE PRODUCT AT A DISTANCE THAT WILL PREVENT EXPOSURE OF THE SPECTATORS' EYES WITHIN THE HAZARD DISTANCE OF 730 FEET/222 METERS.

Class 1 RG3 fixtures, classified by the FDA, pose potential hazards due to their intense light and spectral properties, unlike RG2. Although within Class 1 safety limits, the FDA warns that natural aversion responses might not protect against their higher energy. Direct and prolonged exposure to these beams should be avoided, and static, unmodified high-intensity beams into the audience should be completely avoided to reduce the risk of eye damage.



NOT FOR HOUSEHOLD USE



PROTECTION CLASS 1 - FIXTURE MUST BE PROPERLY GROUNDED



CLASS 1 LASER PRODUCT - This product is in conformity with performance standards for laser products under 21 CFR 1040, except with respect to those characteristics authorized by Variance Number FDA-2024-V-4967 effective on December 19, 2024.



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 FIXTURE AND/OR THE DISREGARD OF SAFETY INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID THE MANUFACTURE'S WARRANTY AND ARE NOT SUBJECT TO ANY WARRANTY CLAIMS AND/OR REPAIRS.



ENSURE ALL CONNECTIONS AND END CAPS ARE PROPERLY SEALED WITH A DIELECTRIC GREASE (AVAILABLE AT MOST ELECTRICAL SUPPLIERS) TO PREVENT WATER CORROSION AND/OR ELECTRICAL SHORT CIRCUIT.



**DO NOT PLUG FIXTURE INTO A DIMMER PACK!
NEVER OPEN THIS FIXTURE WHILE IN USE!
UNPLUG POWER BEFORE SERVICING FIXTURE!
NEVER TOUCH FIXTURE DURING OPERATION, AS IT MAY BE HOT!
KEEP FLAMMABLE MATERIALS AWAY FROM FIXTURE!**



**NEVER LOOK DIRECTLY INTO THE LIGHT SOURCE! HIGH RISK OF EYE DAMAGE. RETINA INJURY RISK - MAY INDUCE BLINDNESS!
SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK!**



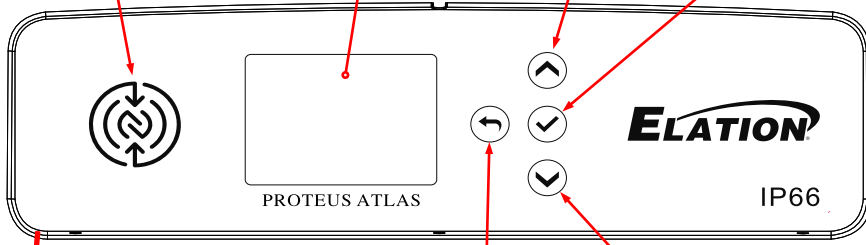
**MINIMUM DISTANCE TO LIGHTED OBJECTS 40.0 METERS.
MAXIMUM TEMPERATURE OF THE EXTERNAL SURFACE 65 °C.
MINIMUM DISTANCE OF INFLAMMABLE MATERIALS FROM THE SURFACE 0.5M.
MINIMUM DISTANCE FROM FIXTURE HEAD TO COMBUSTIBLE MATERIALS 0.1M.**

SAFETY GUIDELINES

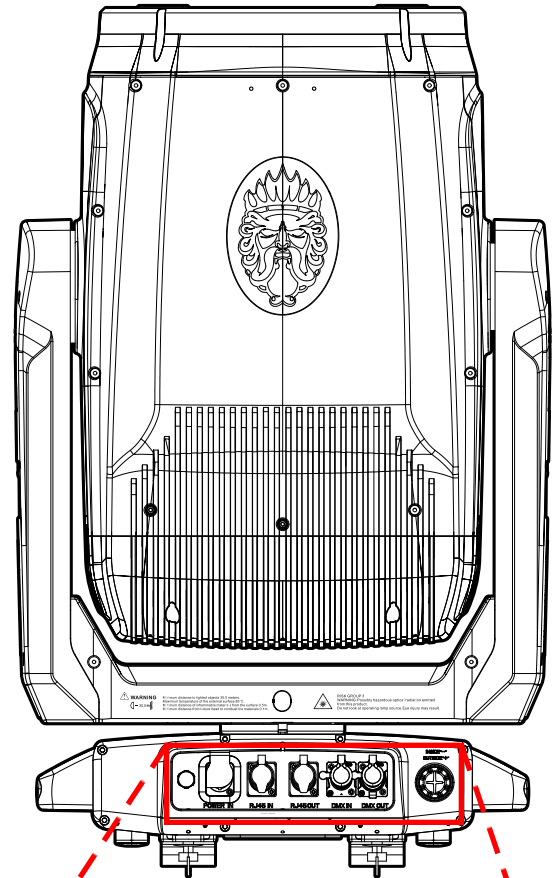
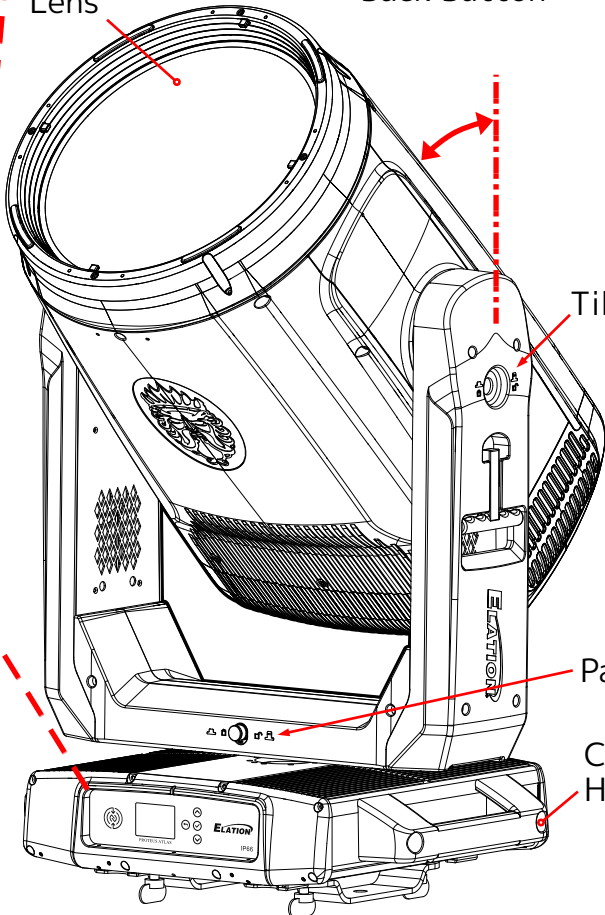
- **DO NOT TOUCH** the fixture housing during operation. Turn OFF the power and allow approximately 15 minutes for the fixture to cool down before serving.
- **DO NOT** shake fixture, avoid brute force when installing and/or operating fixture.
- **DO NOT** operate fixture if the power cord is frayed, crimped damaged and/or if any of the power cord connectors are damaged and do not insert into the fixture securely with ease.
- **NEVER** force a power cord connector into the fixture. If the power cord or any of its connectors are damaged, replace it immediately with a new one of similar power rating.
- **DO NOT** block any air ventilation slots.
- All fan and air inlets must remain clean and never blocked.
- When installing fixture in a suspended environment, always use mounting hardware that is no less than M10x25mm, and always install fixture with an appropriately rated safety cable.
- Always disconnect fixture from main power source before performing any type of maintenance and/or cleaning procedure. Only handle the power cord by the plug end, never pull out the plug by tugging the wire portion of the cord.
- During the initial operation of this fixture, a light smoke or smell may emit from the interior of the fixture. This is a normal process and is caused by excess paint in the interior of the casing burning off from the heat associated with the lamp and will decrease gradually over time.
- Consistent operational breaks will ensure the fixture will function properly for many years.
- **ONLY** use the original packaging and materials to transport the fixture in for service.

OVERVIEW

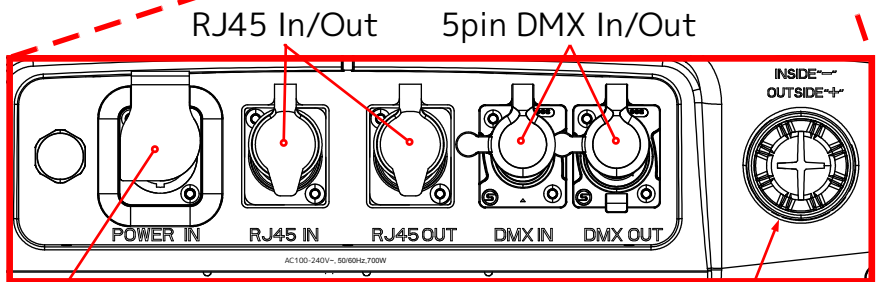
NFC Access Point LCD Display Up Button Enter Button



Lens Back Button Down Button



NOTE: TO MAINTAIN THE IP66 RATING INTEGRITY OF THE FIXTURE AND PREVENT WATER FROM ENTERING THE FIXTURE, SEAL ALL UNUSED CONNECTION RUBBER CAPS.



Power In
AC100-240V~, 50/60Hz, 700W

Battery Compartment

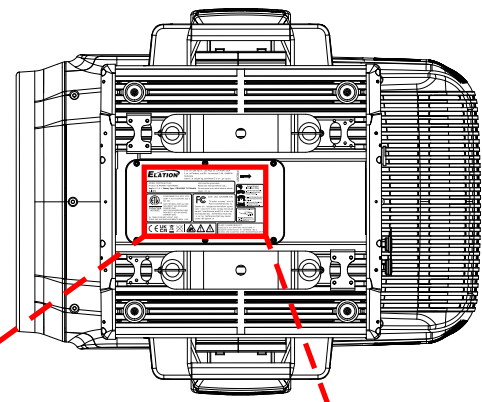
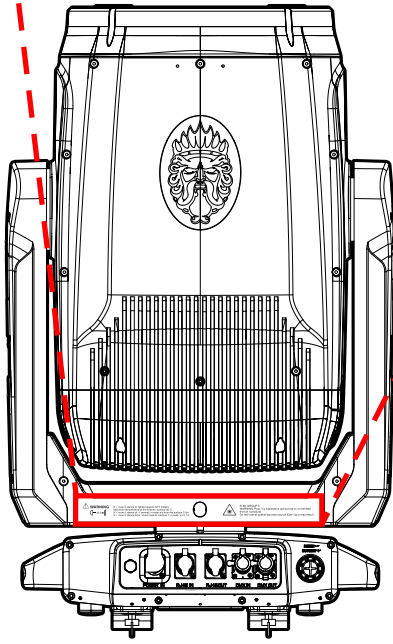
OVERVIEW

Distance to Surfaces Warning

Radiation & Eye Injury Warning

WARNING Minimum distance to lighted objects 40.0 meters.
 Maximum temperature of the external surface 65°C.
 Minimum distance of inflammable materials from the surface 0.5m.
 Minimum distance from fixture head to combustible materials 0.1m.

RISK GROUP 3
WARNING: Possibly hazardous optical radiation emitted from this product.
 Do not look at operating lamp source. Eye injury may result.



Manufacturer Information

Omega Bracket Guidelines

Model Information & Usage Warnings

Safety Cable Label

Class 1 Laser Warning

CETLus Label

Information

Certifications & Warnings

Date of manufacture

FCC Label

FDA Label

ELATION
 Elation Lighting Inc- Los Angeles-CA 90040 USA
 Elation Professional BV- Junostraat 2 -NL-6488EW Kerkrade
www.Elationlighting.com/www.Elationlighting.eu

MODEL-PROTEUS ATLAS
 Product ID: PRA6011237000285
 Angle: 0.6°- 8.5° Battery Type: ICR14500(3.7V 700mAh)
 t_a=45°C

Unit must be grounded.
 Read user manual before use.
 Do not open unit, risk of electric shock.
 Made in China

Omega Bracket Installation Steps
 1. Attached appropriately rated clamps onto both Omega Brackets,
 2. Insert Omega Brackets into matching mounting holes,
 3. Turn both Quick-Lock Fasteners 1/4 turn clockwise to secure.

FRONT →

Attach Safety Cable Here!
 Minimum Requirements:
 12x6d Weight Quick Link
 Snapside with Hook

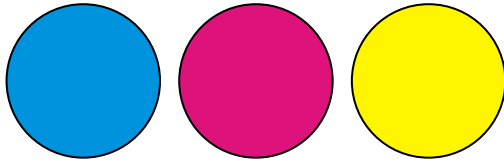
CLASS 1 / RGS LASER PRODUCT BY
 EN 60825-1:2014+A11:2011 UK & EU
 IEC 60825-1 Ed. 3, 2014 US & BS
 EN 62471-3:2018
 See Manual for Hazard Classification (D)

ELATION
 #122 S, Eastern Avenue, LOS ANGELES CA 90040
 Model: PROTEUS ATLAS
 Place of MFG: Hao yong

This product is in conformity with performance standards for laser products under 21 CFR 1040, except with respect to those characteristics authorized by Variance Number FDA-2024-V-4967 effective on December 19, 2024

COLORS AND GOBOS

COLOR FLAGS

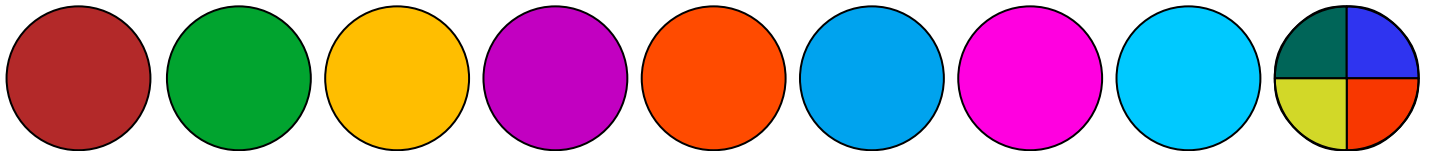


CYAN

MAGENTA

YELLOW

COLOR WHEEL



POS 1
RED

POS 2
GREEN

POS 3
YELLOW

POS 4
MAGENTA

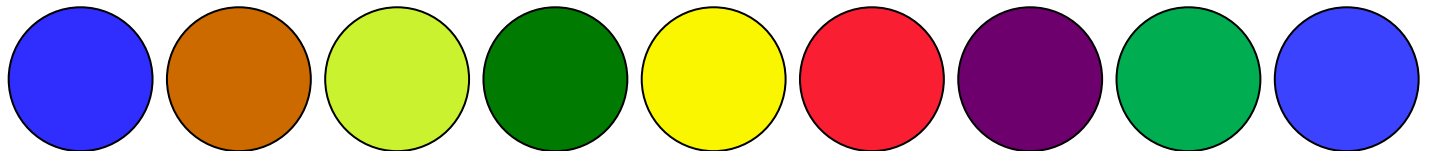
POS 5
ORANGE

POS 6
CYAN II

POS 7
PINK

POS 8
CYAN

POS 9
QUAD
COLOR



POS 10
DEEP BLUE

POS 11
AMBER

POS 12
YELLOW
GREEN

POS 13
GREEN II

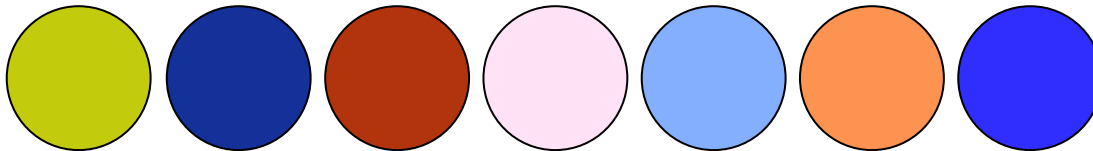
POS 14
LIGHT
YELLOW

POS 15
RED
ORANGE

POS 16
WINE PINK

POS 17
KELLY
GREEN

POS 18
LIGHT
BLUE



POS 19
DEEP
YELLOW

POS 20
BLUE II

POS 21
RED
AMBER

POS 22
HCRI

POS 23
CTB

POS 24
CTO

POS 25
BLUE

INTERCHANGEABLE ROTATING GOBO WHEEL



POS 1

POS 2

POS 3

POS 4

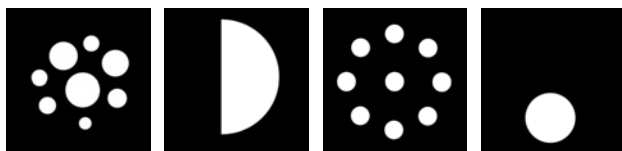
POS 5

POS 6

POS 7

POS 8

POS 9



POS 10

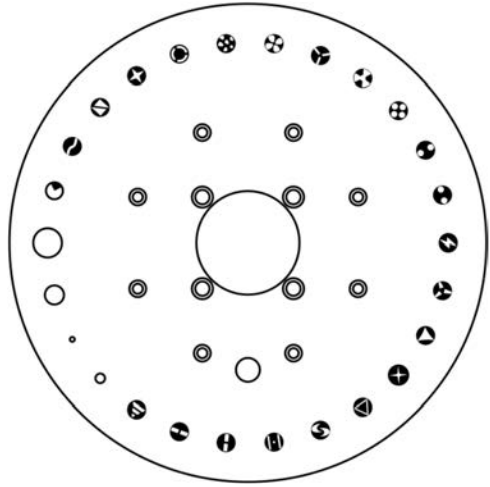
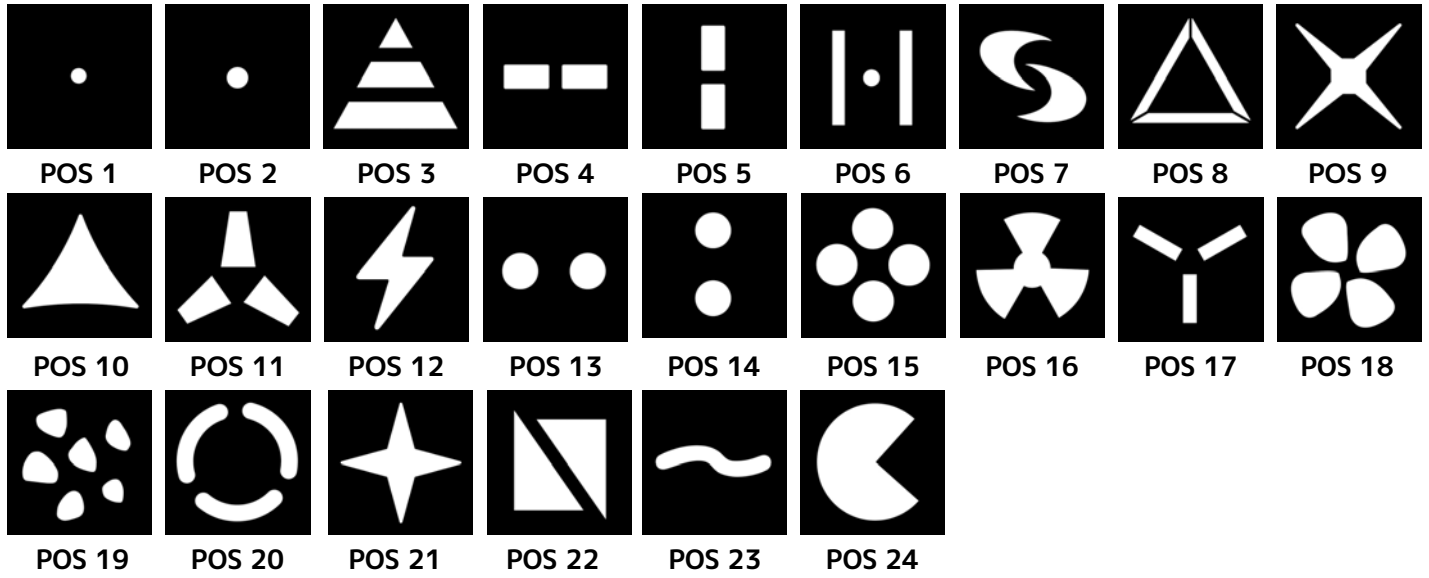
POS 11

POS 12

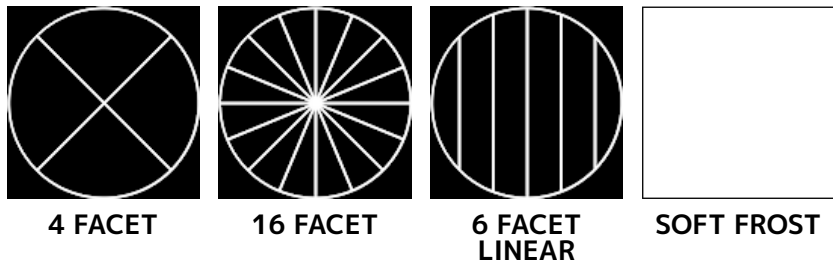
POS 13

COLORS AND GOBOS

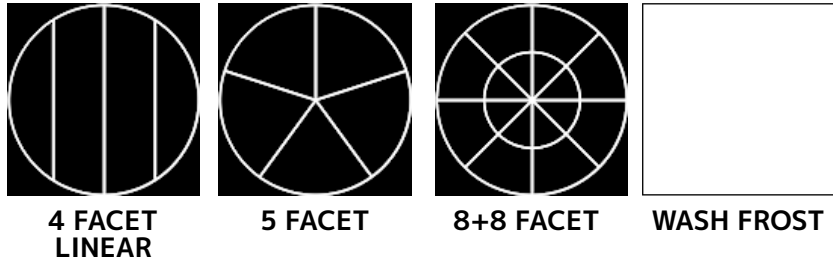
FIXED GOBO WHEEL



FX WHEEL 1



FX WHEEL 2

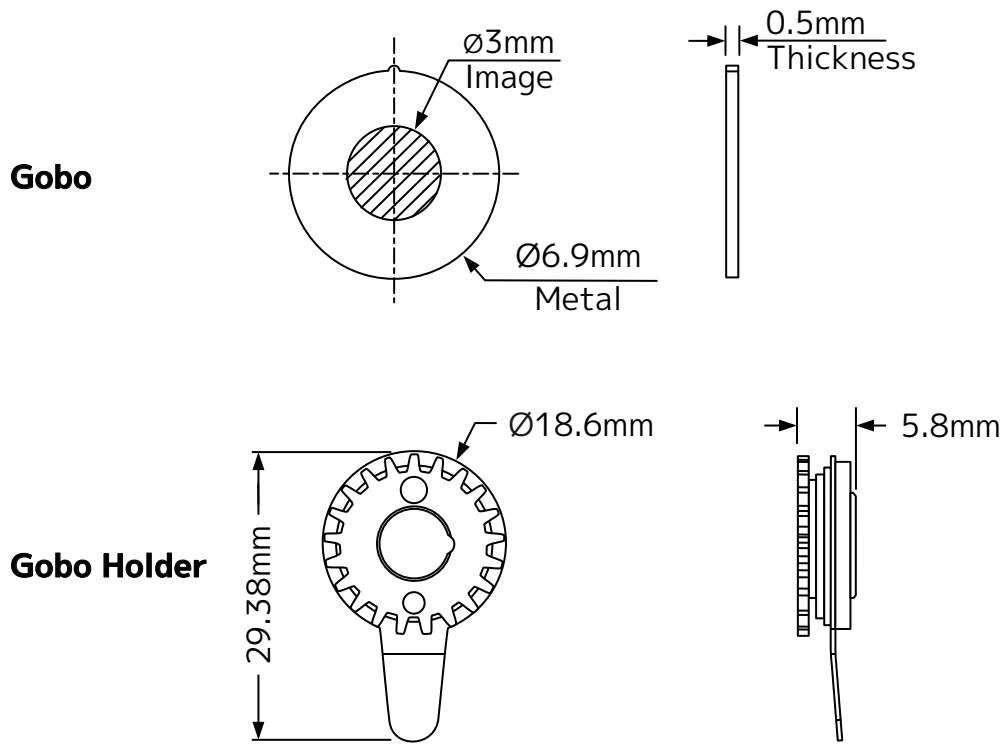


CUSTOM GOBOS



Custom Gobos can only be installed by technicians certified by Elation for LILI systems. This document outlines specifications for custom gobo design.

| ROTATING GOBO WHEEL GOBOS | |
|----------------------------------|--------|
| Gobo O.D. (Max. Outer Diameter) | Ø6.9mm |
| Gobo I.D. (Max. Image Diameter) | Ø3mm |
| Gobo Thickness | .5mm |
| Gobo Material | METAL |



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 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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IP TEST PARAMETERS



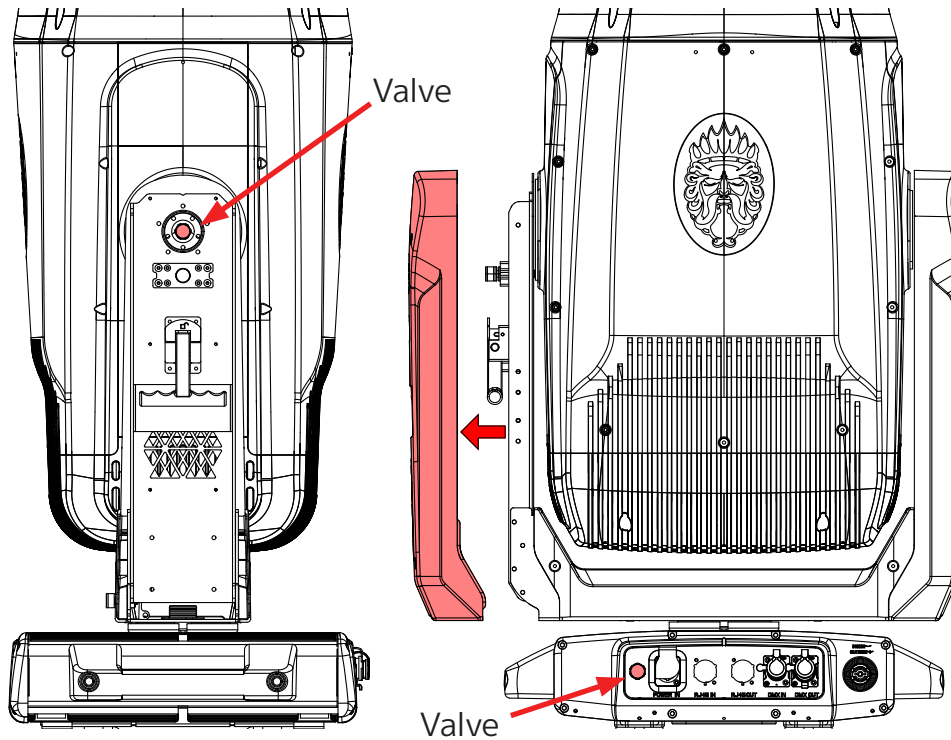
INTERIOR MAINTENANCE OF THE MOVING HEAD OF THE FIXTURE CAN ONLY BE PERFORMED BY TECHNICIANS CERTIFIED BY ELATION FOR LILI SYSTEMS. IF THE FIXTURE HEAD REMAINS SEALED, IP PRESSURE TESTING CAN BE CONDUCTED AS DETAILED BELOW BY A GENERAL LIGHTING TECHNICIAN.

Following any repair or maintenance procedure that required disassembly of the fixture by a technician certified by Elation for LILI systems, use Elation's IP Tester to confirm the IP integrity of the fixture. If the fixture remains sealed, IP pressure testing can be conducted as detailed below by a general lighting technician. Please contact Elation Service for information regarding the Elation IP Tester, or visit the product information page online at: <https://www.elationlighting.com/ip-tester>.



CAUTION! THE USE OF PROTECTIVE GLOVES AND SAFETY GOGGLES IS STRONGLY RECOMMENDED WHILE PERFORMING THE IP PRESSURE TEST! AVOID PLACING YOUR FACE, EYES, HANDS, ETC IN PROXIMITY TO THE LENS OF THE FIXTURE WHILE PERFORMING THE TEST!

DE-HUMIDIFICATION: IP66 fixtures operating in high-humidity environments may experience residual fogging or condensation. Such fogging will not affect the fixture, and can be removed using the following procedure: position the unit with the air valve pointing upwards, then open the air valve and run the unit for 1-2 hours after reaching operating temperature. Then, while the fixture is still hot, re-install the air valve and allow the unit to cool down. Please note: this procedure should be performed in a dry, climate-controlled environment. Avoid additional fogging by drying the fixture completely before placing into a road case.



| IP PRESSURE TESTING PARAMETERS | | | |
|--------------------------------|-----------------------|-----------------------|-----------|
| Test Type | Low Pressure Limit | High Pressure Limit | Hold Time |
| Vacuum Test | -4.35psi (-30.00 KPa) | -5.08psi (-35.00 KPa) | 10s |
| Pressure Test | 3.62psi (25.00 KPa) | 4.35psi (30.00 KPa) | 10s |



INSTALLATION GUIDELINES



ELECTRICAL CONNECTIONS

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



USE CAUTION WHEN POWER LINKING OTHER MODEL FIXTURES AS THE POWER CONSUMPTION OF OTHER MODEL FIXTURES MAY EXCEED THE MAX POWER OUTPUT ON THIS FIXTURE. CHECK SILK SCREEN FOR MAX AMPS.



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 the fixture to any metal truss/structure or placing the fixture 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, clamps, cables, and accessories.

Fixture ambient operating temperature range is **-4° to 113°F. (-20° to 45°C)**

Do not use the fixture under or above this temperature.

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

NEVER stand directly below the fixture when rigging, removing, or maintaining unit. Overhead fixture installation must always be secured with a secondary safety attachment, such as an appropriately rated safety cable.

Allow approximately 10 minutes for the fixture to cool down before serving.

INSTALLATION GUIDELINES

OMEGA BRACKET WITH CLAMP INSTALLATION

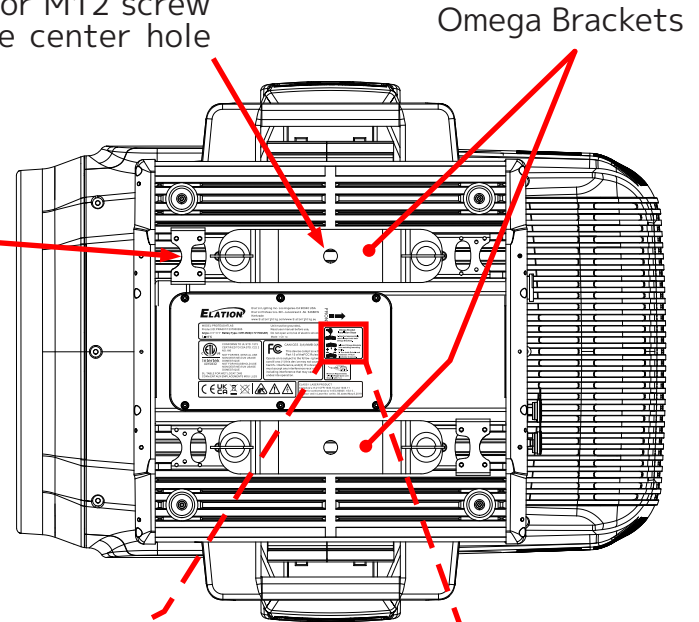
When mounting the fixture to a truss, be sure to secure appropriately rated professional grade rigging clamps to the included Omega Brackets using an M10 or M12 screw fitted through the center hole of the Omega Brackets. **This fixture requires the installation of two Omega brackets and two clamps for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

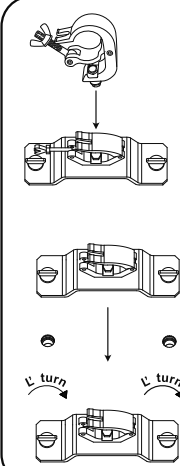
Mount Truss Clamp to Omega Bracket with M10 or M12 screw fitted through the center hole of Omega Bracket.

The fixture also provides a built-in attachment point for a **SAFETY CABLE**. Be sure to only use the designated attachment point for the safety cable and never secure a safety cable to a carrying handle.



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.





Omega Bracket Installation Steps

1. Attached appropriately rated clamps onto both Omega Brackets.
2. Insert Omega Brackets into matching mounting holes.
3. Turn both Quick-Lock Fasteners 1/4 turn clockwise to secure.

MOUNTING THE FIXTURE ON A TRUSS USING CLAMPS

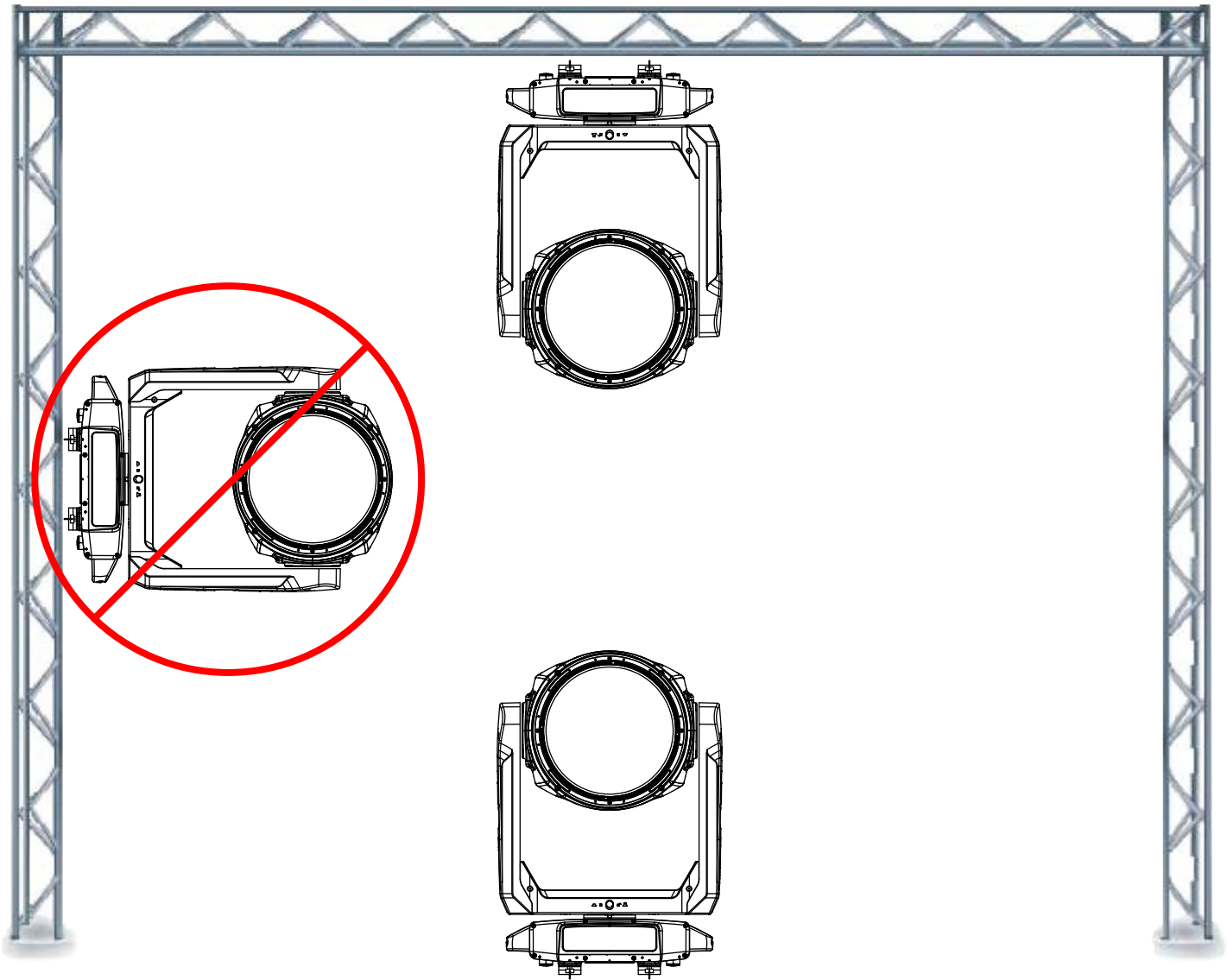
When mounting the fixture to a truss, be sure to secure an appropriately rated professional grade rigging clamp to the bottom of the fixture using (2x) minimum grade 8.8 steel (2x) M12x25mm bolts fitted through the mounting hole of the Clamp. The fixture provides built-in rigging points for a **SAFETY 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

RIGGING

Observe Zone Restrictions during installing of this fixture.

Overhead rigging requires extensive experience, including amongst others calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the fixture. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury. Fixture is fully operational in the specific mounting positions illustrated below.



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

ART-NET | sACN CONNECTION

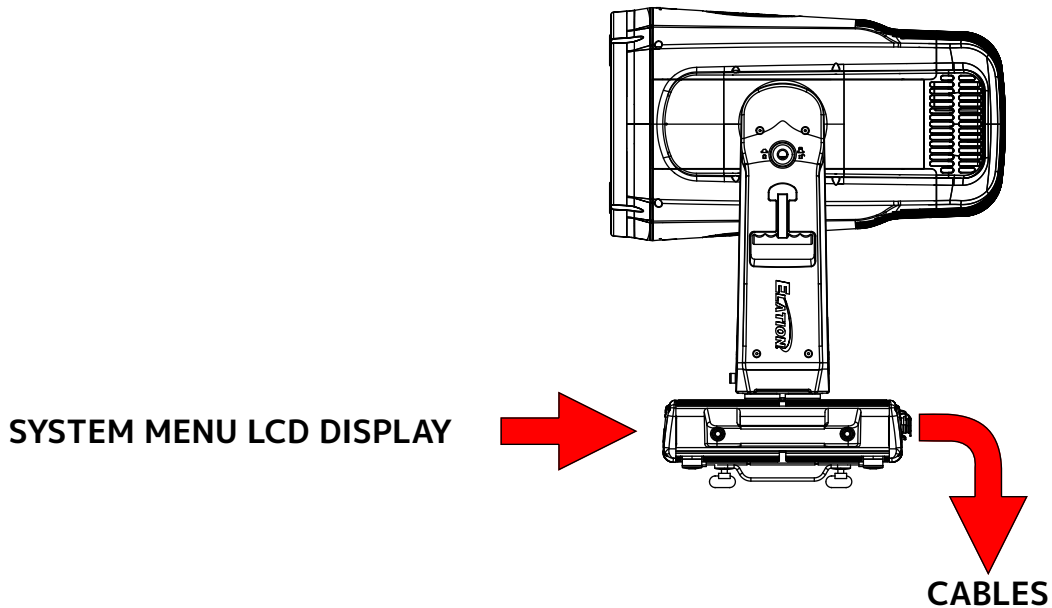
When connecting fixture to a network switch to control multiple devices, a Gigabit Ethernet Switch that supports IGMP (Internet Group Management Protocol) is required. Using a Gigabit Ethernet Switch that does not support IGMP can cause erratic behavior of all connected devices to the switch. Click link below for more information about IGMP.

https://en.wikipedia.org/wiki/Internet_Group_Management_Protocol

POWER AND DATA CABLES



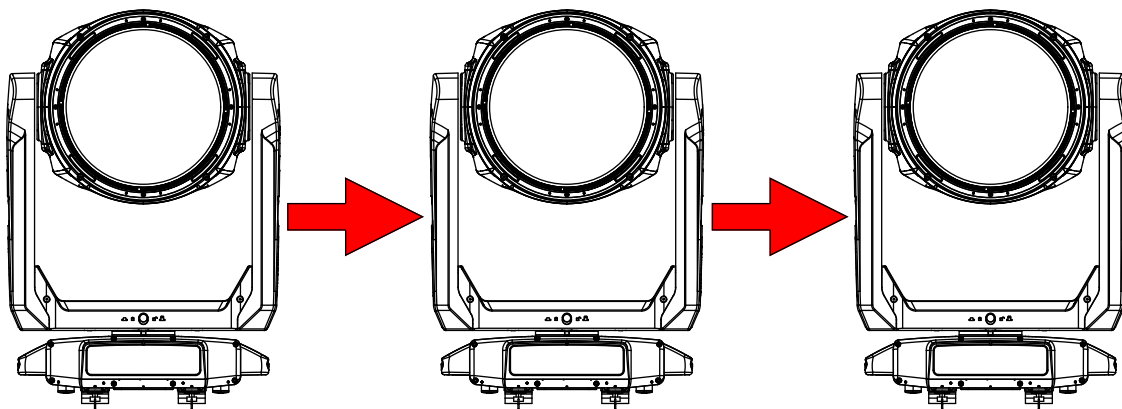
TO MAINTAIN THE IP66 RATING INTEGRITY OF THE FIXTURE, ALL CABLES MUST BE RUN TOWARDS THE GROUND TO PREVENT WATER ACCUMULATION AROUND THE CONNECTIONS.



RJ45 DATA CABLES



THE INCLUDED RJ45 DATA CABLE IS FOR FIXTURE TO FIXTURE INTERCONNECTIONS ONLY! THE RJ45 CABLE CONNECTORS MAY NOT BE COMPATIBLE WITH OTHER RJ45 OR ETHERNET TYPE CONNECTORS.



INSTALLATION GUIDELINES

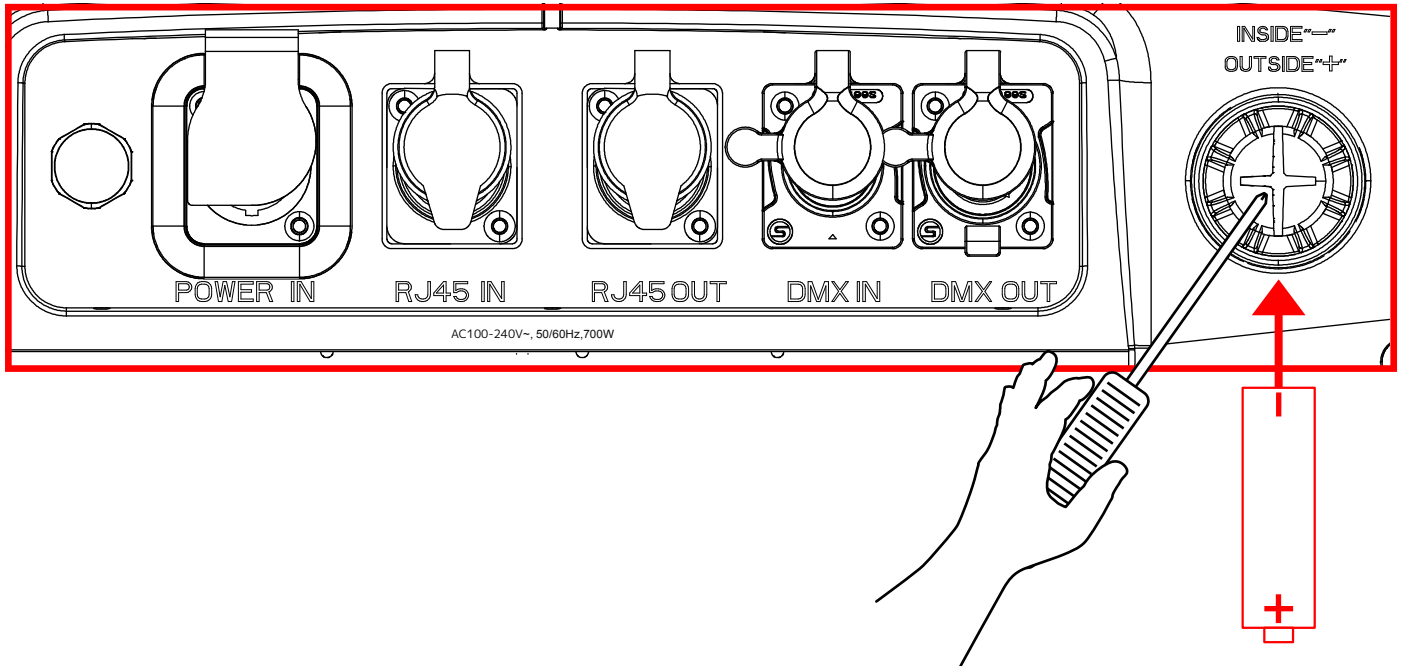
POWER AND DATA CABLES



ENSURE ALL CONNECTIONS AND END-CAPS ARE PROPERLY SEALED WITH DIELECTRIC GREASE (AVAILABLE AT MOST ELECTRICAL SUPPLIERS) TO PREVENT WATER CORROSION AND/OR ELECTRICAL SHORT CIRCUIT.



TO MAINTAIN THE IP66 RATING INTEGRITY OF THE FIXTURE AND PREVENT WATER FROM ENTERING THE FIXTURE, SEAL ALL UNUSED CONNECTION RUBBER CAPS.



BATTERY REPLACEMENT



Installing the battery incorrectly, in the wrong orientation, where the Plus (+) is inside and Negative (-) is outside, will lead to internal electronics and battery damage. A qualified electrician should be used for all electrical connections and/or installations.

1. Loosen the screw cap for the battery compartment.
2. Remove old battery and replace (**inside "-"**, and **outside "+"**).

NOTE: Replace the battery only with an Li-ion battery (IRC14500/700mAh), which can be ordered from the Elation Parts Website <https://parts.elationlighting.com>. Replace and tighten screw cap for the battery compartment.

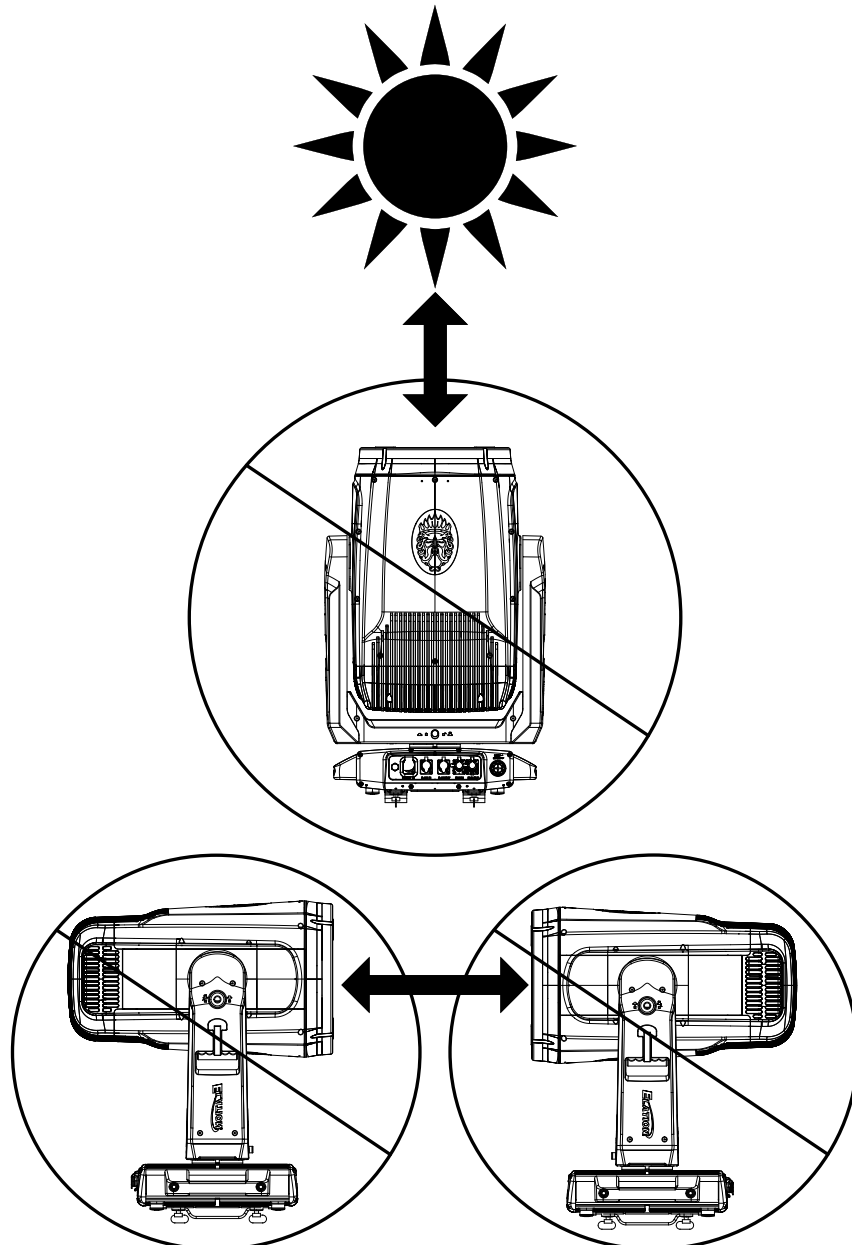
INSTALLATION GUIDELINES

POTENTIAL INTERNAL FIXTURE DAMAGE FROM EXTERNAL SOURCES OF LIGHT BEAMS

External sources of light beams from direct sunlight, lighting and 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 of 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, but rather 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 reduce the risk of potential damage. Contact Elation Service for more details.

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



SUN PROTECTION MODE

The fixture incorporates an automatic protection from harmful sunlight, which can damage a fixture's internal components from extended exposure. Fixtures use an internal sensor to determine their physical orientation, then reorient the fixture towards the ground to prevent sunlight from entering the lens.

This automatic feature only works when the fixture is powered. If the fixture is unpowered during setup, it is necessary to manually reorient the lenses away from the sun, and aim them towards the ground. Even a few minutes of sun exposure can cause damage inside the fixture.

The Sun Protection setting is accessed via the "No DMX Status" menu.

The automatic sun protection positioning is activated under the following conditions:

1. Power on without DMX signal: the fixture always starts in sun protection mode.
2. No DMX Status "Sun Protection": the fixture enters sun protection mode after approximately 3 minutes.
3. Remote DMX control: the sun protection position can be **temporarily** activated from the lighting console without the need to create a custom position preset. The fixture senses the correct ground orientation. This means that fixtures already facing the ground may not move their heads.

Hold "Sun Protect Position" for 3s to set the fixture to the sun protection position.

Sun protection status displays as "**Sun Protection: Active**".

The sun protection position deactivates under the following conditions:

1. Connect DMX signal.
2. Remote DMX control: Hold "Sun Protection Off" for 3s.

To avoid harsh or jarring movements, the sun protection position always uses a 5-second fade time when it is activated or deactivated.

HIBERNATION MODE

To reduce wear on the fixture and its components, this mode disables motors and most electronics. Set the hibernation mode countdown time in the Display Menu: "Status Settings / Personality / Hibernation". Hibernation can be fully disabled.

The hibernation mode activates under the following conditions:

1. Loss of DMX: the fixture enters hibernation after the timeout expires. Default is 15 minutes.
2. Remote DMX control: Hold "Hibernate Fixture" for 3s

The hibernation mode deactivates under the following conditions:

1. Connect DMX Signal
2. Remote DMX control: Hold "Hibernate Off" for 3s

The fixture will perform a full calibration cycle, then assume the current DMX status.

Please note that the Hibernation does not change the PT position of the fixtures, allowing the user to set the desired position and then issue the Hibernate command.

To ensure the fixture is protected from harmful sunrays it is recommended to either leave the "No DMX Status" in "Sun Protection" (so the fixture is already in the correct position after 3 minutes of DMX loss) or set the fixture to a safe Tilt position manually first before hibernation.

Burn and heat damage to the fixture's interior components due to external light sources (sun or other fixtures shining into the lens) is never covered under the manufacturers warranty.

FAN MODES and LOW NOISE OPERATION

The Proteus Atlas is a high-performance fixture suited for multiple applications. For noise critical environments such as Theater, Opera or Orchestra Halls, it offers various fan operation modes which remove any distraction for the audience and performers. Fan Modes can be changed remotely via the DMX control channel, allowing the fixture to offer high output or whisper silent operation at a moment's notice. All Fan Modes smoothly transition over a brief time, preventing unwanted attraction to the fixture.

Auto (Default)—Fans only run at the speeds needed to keep the LPL engine within a safe temperature range and ensures optimal performance of the fixture. If possible, they will turn-off, for example, when the fixture is dimmed to a low intensity. Fans sense the ambient and fixture temperature, and will always try to keep noise levels to a minimum. The fixture output will only reduce when the LED engine cannot be cooled down to its safe operating range due to high ambient temperature.

NOTE: Recommended for daily operation.

High—Fan speeds are increased throughout for the most efficient cooling of the fixture. This mode will increase wear on the fans and should only be utilized in exceptional circumstances. Fans will always run, even if the fixture is dimmed down. Fixture output is kept at 100% unless the LED engine temperature reaches an unsafe temperature at which point the fixture will reduce power carefully to ensure continued safe operation. This mode is only required in very high ambient temperatures when automatic fan speed adjustments are not desired.

Low Noise Mode

For very critical noise environments, the fixture offers two additional Low Noise Modes for silent operation. The fixture output will be reduced, yet due to the extremely high luminous flux, the fixture still offers outstanding performance. In Low Noise Modes, all parameters of the fixture operate more quietly with reduced fan speeds.

Low - 75-80% max output, fans run at low speed.

SKY MOTION

INTRODUCTION

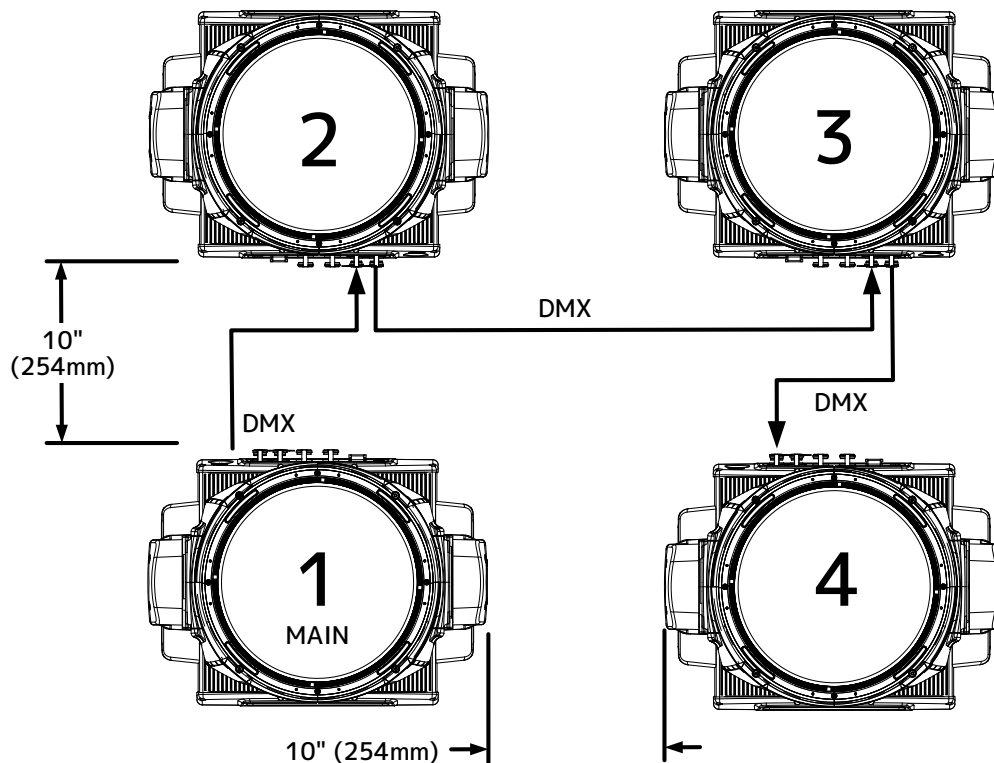
Sky Motion is an innovative feature of the Proteus Atlas which allows a fixture or group of fixtures to operate as a search light effect without the need for a dedicated lighting controller. Multiple fixtures can be interconnected, and with the simple assignment of IDs the fixture provides immediate access to a variety of search light effects that are easily adjustable in size, speed, and color.

Comparable in output to large 2000W or 4000W Xenon fixtures, the Proteus Atlas operates at a fraction of the power, supports a wide range of 100V-240V power sources, has a much smaller footprint, lower weight, and is fully IP66 rated.

SETUP

Sky Motion is designed to accommodate up to four unique fixture IDs. Fixtures with the same ID will always be at an identical position and have the exact shape, speed, and size. One fixture in the system must be set to the ID "MAIN", which provides all control signals and movement synchronization. Use ID "1" for other fixtures if needed.

For a traditional searchlight system, place four Proteus Atlas closely together in a 2x2 grid. **The fixtures require a minimum space of 10" (255mm) between the fixture bases to ensure that the heads do not come into contact while in motion.** All cable connections should face inwards, and all displays should face outwards.

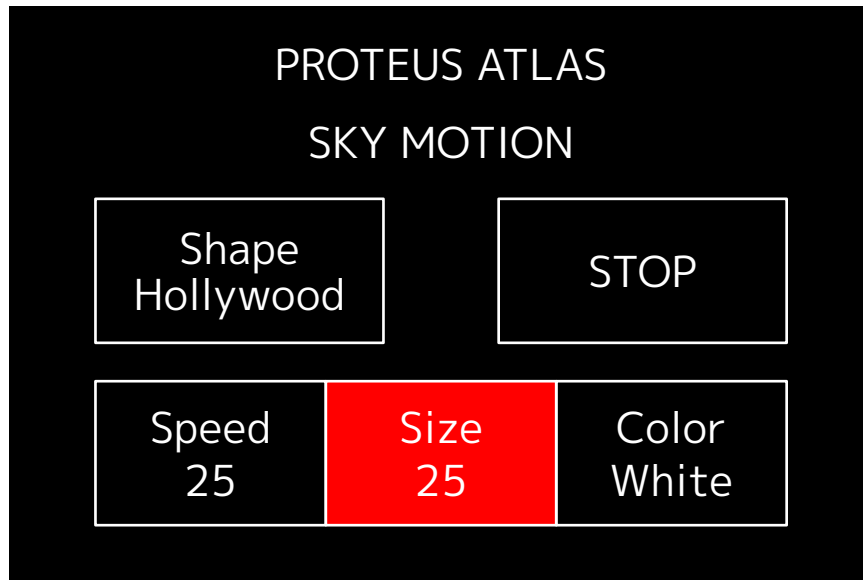


1. Connect fixtures to a suitable grounded power source.
2. Link fixtures via IP66-rated 5-pin DMX cables. Connect "DMX Out" from MAIN fixture to "DMX In" of the next. Cable order doesn't affect operation. **Do NOT connect the last fixture back to MAIN fixture.** Maximum combined cable length: 330 ft (100m).
3. Power on fixtures, wait for calibration cycle.
4. Enter System Menu: Hold "ENTER" 10sec. In menu, navigate to "Sky Motion," press "Enter."
5. Enable Sky Motion: On screen, select "Mode," press "ENTER," set to "ON." Confirm by pressing "ENTER" again.
6. Set fixture ID: One fixture as "MAIN." For easy access, choose a nearby fixture; all adjustments are done on MAIN.
7. Set IDs for other fixtures clockwise: 2, 3, and 4. Consider labeling IDs for clarity. IDs also display on Proteus Hybrid Max. Repeat IDs 1-4 as needed.
8. After setting fixture ID, exit Menu using "BACK." Dedicated Sky Motion home screen appears. Fixtures move in sync.

SKY MOTION

OPERATION

All settings are configured from the MAIN fixture. The display screens on the other fixtures show the ID and settings, but all control via the screens is disabled. The Sky Motion system is controlled by this simple display screen:



If the screen is locked, hold "ENTER" for 10 sec until the countdown is completed. Select one of the available shapes in the top left box. Use the arrow keys to navigate, noting that the current selection is indicated by the red highlighting, then press "ENTER" to select. Use the Up/Down arrows to browse the shapes and preview the results.

The most commonly used selection is "Hollywood", which emulates the traditional Xenon Searchlight movement found at movie premieres and special events.

The following unique shapes are available:

- Sky Tracer
- Sky Tracer Offset
- Hollywood
- Hollywood Offset
- Searchlight
- Searchlight Offset
- Diagonal
- Diagonal Offset
- Bounce
- Bounce Offset
- Tilt
- Tilt Offset
- Pan
- Pan Offset
- Orbit
- Orbit offset
- Sweep
- Sweep Offset

After the desired shape has been selected, the speed and size can be adjusted using the arrows and "ENTER" key. Observe the motion of the fixture to confirm that you are satisfied with the range and speed. Always press "ENTER" to confirm the changed value.

In addition to the Shape, Size, and Speed, it is also possible to select a color for the fixtures. 16 color choices are available, plus random color chases and color scrolls. Simply use the arrows to adjust, then confirm with "ENTER". Set the fixture back to White or any other color to stop the color changes.

SKY MOTION

OPERATION

Pressing "STOP" at any time will cause the fixture to fade to a position in which the lens points towards the ground for protection from sun and the elements. The display will show "STOP" in a red-highlighted box. After 15 minutes of inactivity, the lamp will turn off, although the fans will remain powered on in order to cool the fixture down.

To restart the motion, hit "STOP" again. The fixture will move back into the shape, and the lamp will turn on again. It will take a few minutes for the fixture to ramp up to full intensity.

To turn off the fixture, simply disconnect the power. Orient the fixture with the lens facing towards the ground, and lock the fixture in this position using the pan and tilt locks. Never let the lens point at the sun or other bright light sources, including other lighting fixtures, as doing so will damage components inside the fixture.

To restart, release the pan and tilt locks and power up the fixtures. After a short calibration cycle, the fixtures will start the shape movement and the lamp will turn on.

To disable the Sky Motion feature, access the fixture menu (hold MODE for 10 seconds) and turn Sky Motion Mode to "OFF".

Operating Notes:

It is recommended to power off the fixtures when not in use.

Ensure free motion of the fixture and never cover it while it is powered on. Never cover the air inlet and outlet grids.

Never point the lens at the sun. Always cover the lens (the fixture must be powered off) or point it towards the ground.

SUN DAMAGE IS NOT COVERED BY THE FIXTURE WARRANTY!

All interconnected fixtures must run the same firmware version. Contact a trained Elation Service Technician for assistance with firmware upgrades.

SYSTEM MENU

The fixture includes an easy to navigate system menu. The control panel (see image below) located on the front of the fixture, provides access to the main system menu and is where all necessary system adjustments are made to the fixture. During normal operation, pressing **ENTER** button once will access the fixture's main menu. Once in the main menu you can navigate through the different functions and access the submenus with the **UP** and **DOWN** buttons. Once you reach a field that requires adjusting, press the **ENTER** button to activate that field and use the UP and **DOWN** buttons to adjust the field. Pressing the **ENTER** button once more will confirm your setting. You may exit the main menu at any time without making any adjustments by pressing the **ENTER** button.

Display Shortcuts:

Power Off: Long press the **ENTER** button for 3s, activate battery mode

Power On: Long press the **ENTER** button for 10s, unlock display, show 10s countdown

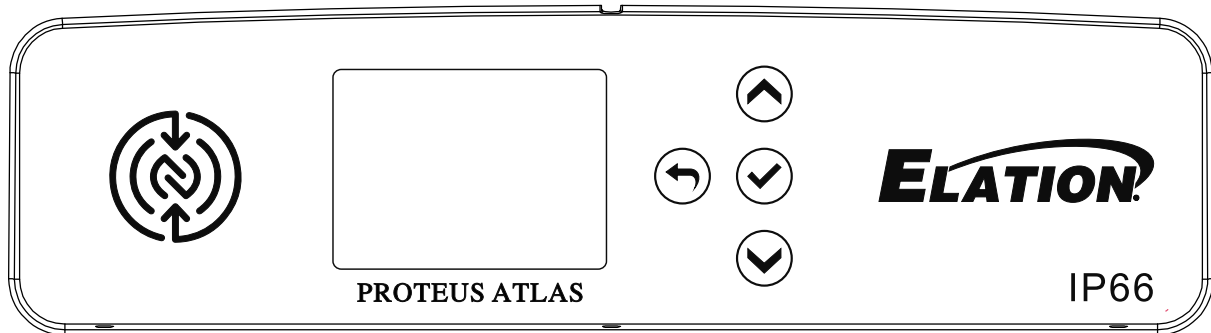
Long press the **UP** button and the **DOWN** button for 3s, disable Pan Tilt

Long press the **BACK** button and the **ENTER** button for 5s, Countdown 10 sec or Reset to Default.

NOTE: To access the LCD Menu Control Display via the internal battery, press and hold the **MODE/ESC** button for 10 seconds. The LCD Menu Control Display will shut **OFF** automatically about 1 minute from the last button press.

PERMANENT INSTALLATION SETTING AND PHANTOM TOUCH

A phantom touch on an LCD screen is an unexpected, unprompted touch that seems to occur without any physical contact, like a raindrop. When installing any fixture in a permanent setting, we recommend setting your display to lock after 10-seconds and not the **OFF** setting. Units in a permanent setting are exposed to various conditions, if a unit is set to **OFF**, the display may interpret a raindrop as a command and change the fixture's setting through a phantom touch. Setting the display to lock after 10-seconds, and not setting the display to **OFF**, prevents this scenario.



BATTERY

This unit features a dedicated battery that can be used to power the screen display. This allows the user to configure the device's channel mode, DMX address, or any other screen-accessible features without needing to power on the device or even connect it to a power source. To activate the display on battery power, press and hold the **ENTER** button for 3 seconds.

ALTHOUGH ARIA SETTINGS MAY APPEAR IN THE SYSTEM MENU, THIS FEATURE IS NOT ACTIVATED. ARIA WIRELESS DMX IS AN OPTIONAL FEATURE WHICH MUST BE ACTIVATED IN THE SERVICE MENU. PLEASE CONTACT ELATION SERVICE FOR FURTHER DETAILS.



AN ELATION E-LOADER III CAN 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

| MAIN MENU | OPTIONS / VALUES (Default Settings in BOLD) | | |
|------------------|---|--|---|
| DMX | DMX Address | 001 - 512 | |
| | DMX Mode | Standard, Extended | |
| | No DMX Status | Hold Last , Fade to Black, Sun Protection | |
| | | Hibernation | Off, 1-99M (Default = 15 Min) |
| | Protocol | Select Signal | DMX / Art-Net / sACN / Aria In-DMX Out / DMX In - Aria Out |
| | | Universe | 1 |
| | | DHCP | Off /On |
| | | IP Address | 2.x.x.x |
| | | Subnet Mask | 255.0.0.0 |
| | | Ethernet DMX Out | Off /On |
| | Aria | Enable Aria | Off / On |
| | | Frequency | 2.4Ghz / Sub Gig- US / Sub Gig- EU |
| | | 2.4Ghz Chan | 00 -15 |
| | | Sub Gig Chan | 00 -09 |
| | | Enable Mesh | Off / On |
| Enable Bluetooth | | Off / On | |
| Sky Motion | Mode | Off /On | |
| | | Shape | Hollywood |
| | | STOP | |
| | | Speed | |
| | | Size | |
| | | Color | White |
| | | Beam | 1-10 |
| | Fixture ID | Main , 1,2,3,4 | |
| Display Lock | Off/On | | |
| Control | Manual Control | Dimmer 0% - 100% | |
| | | Pan | |
| | | Tilt | |
| | | ... | |
| | Reset | All, Pan Tilt, Color, Gobo, FocusZoom, Others | |
| Self Test | All, Dimmer, Movement, Color Mix, Gobo, Beam | | |
| Settings | Movement | Pan Invert | Off /On |
| | | Tilt Invert | Off /On |
| | | Pan Tilt Speed | Smooth/ Fast |
| | | Pan Tilt Brake | Smooth/ Fast |
| | | Pan Degree | 540 /360/360 Short |
| | | Pan Path | Short/ Continue |
| | | Pan Tilt Feedback | Off/ On |
| | Fans Control | Auto , High, Low | |
| | Color | CMY Speed | Smooth/ Fast |
| | Dimmer Curve | Linear, Square, Square Inverse, S-Curve | |
| | Display | Screen Delay | 10s - 5min (Default = 1 min) |
| | | Screen Lock | Off , 10s - 5 min |
| | | Auto Rotate | Off/ On |
| | Restricted Zone | Hazard Distance | Any, 20m, 30 , 40m, ... |
| Reset Defaults | Yes / No | | |

SYSTEM MENU

| MAIN MENU | OPTIONS / VALUES (Default Settings in BOLD) | |
|-----------------------------|---|---|
| Information | Time | Current Time, Total Run Time, Last Run Time |
| | Temperature | Head, Base, LED1, LED2, LED3 |
| | Humidity | Head, Base |
| | Fan | Fan 1U (Position), ... |
| | DMX Values | Pan, Tilt, ... |
| | Product IDs | RDM UID, Product SN, Laser SN, Lens SN |
| | Error Logs | Fixture Errors |
| | Software Version | Vx.x |
| Service (Passcode 50) | Vent Clean | Off /On |
| | Calibration | Dimmer, Pan, Tilt, ... |
| | Reset Last Run | Yes / No |
| | Reset Error Logs | Yes / No |

Display Shortcuts

Power Off

| | |
|------------|-----------------------|
| ENTER (3s) | Activate battery mode |
|------------|-----------------------|

Power On

| | |
|-------------------|------------------------------------|
| Enter (10s) | Unlock display, show 10s countdown |
| Up+Down (3s) | Disable Pan Tilt |
| Back + Enter (5s) | Countdown 10 sec |
| | Reset to Default (No/Yes) |

ZONE RESTRICTION



WARNING: This fixture is classified as a Class 1 Group 3 Laser (LILI). DO NOT SCAN CROWDS with this light. Direct exposure to laser emissions can cause harm to vision. Use the Zone Restriction feature to ensure compliance with safety standards.

ZONE RESTRICTION WITH LILI LIGHT ENGINE

The 500W LILI (Laser Illuminated Lighting Instrument) Light Engine, due to regulations in the United States, cannot directly illuminate audience areas. To comply, a “Zone Restriction” feature must be programmed into moving head light fixtures to prevent light from shining into restricted areas.

Zone Restriction involves creating virtual boundaries within the software where the light should not enter. When the fixture’s movement would cross into these zones, the system automatically turns off the light or reduces its intensity to avoid direct illumination of the audience.

Note that there is no requirement to set a restriction zone if ocular exposure is not present

OPERATION MODES

1. Restricted Zone Active
2. Restricted Zone Inactive
3. Maintenance Mode

RESTRICTED ZONE ACTIVE

To prevent the beam from illuminating potentially unsafe areas, the system includes an integrated set of restricted zones, which can be set by the operator. There are two restricted zones for each of the pan and tilt axes. The start and end points of these zones are stored in the non-volatile memory of each lighting fixture, retaining their settings even after power loss. When commanded to enter a restricted zone, the fixture fully attenuates its light source. The lighting fixture monitors its movement and begins to attenuate the light source 100ms before entering a restricted zone, based on the current pan or tilt speed. The restricted zones are set up by commanding the fixture to a specific position, then saving that position to the fixture’s non-volatile memory.

Example: Assume the fixture is mounted on a truss tower, with output deemed safe within ± 45 degrees from the perpendicular axis to the stage. Here’s how to set up the restricted zones: Ensure the area is clear of personnel. Using the lighting console, set the fixture to 0 degrees on the tilt axis. Then, set the Zone Setup parameter to a value between 25 and 49 (Set Pan Restricted Zone 1 START) for five seconds. The fixture will flash three times quickly to confirm the start value is saved. Move the fixture to 45 degrees off-center on the tilt axis. Set the Zone Setup parameter to a value between 50 and 74 (Set Pan Restricted Zone 1 END) for five seconds; the fixture will flash three times to confirm the end value is saved. Repeat this process for the other end of the tilt range. After setting up, change the Operation Mode parameter to a value between 25-49 for five seconds to activate Restricted Zone Active mode. The fixture confirms with three quick flashes. Once active, the fixture will extinguish its light source whenever it enters a restricted area or if the supervisory system detects a discrepancy between commanded and observed positions.

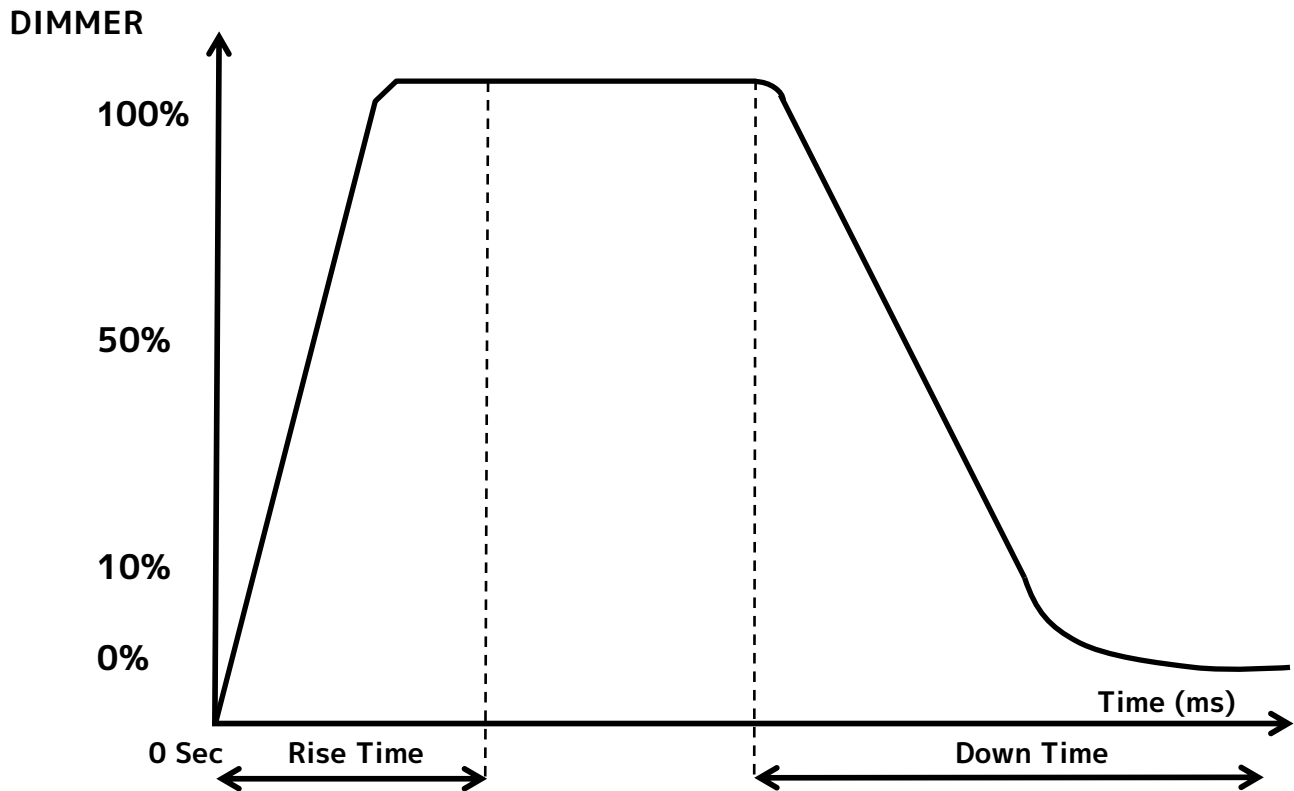
RESTRICTED ZONE INACTIVE

In this mode, previously established restricted zones are ignored, and the fixture does not attenuate its beam based on its position.

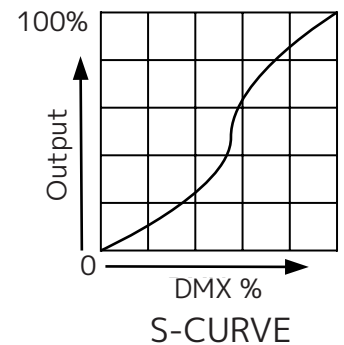
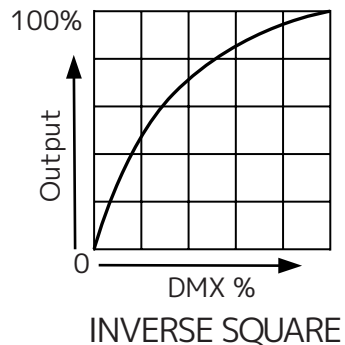
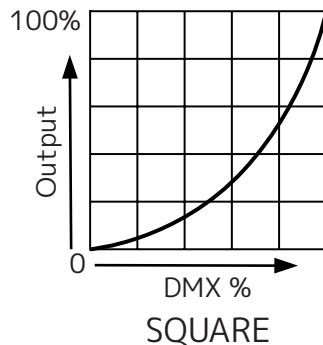
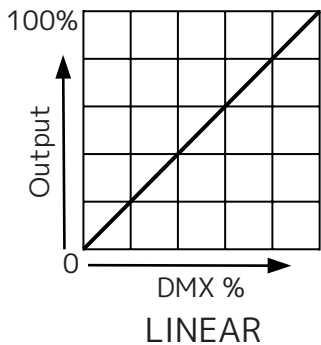
MAINTENANCE MODE

This mode is designed for system testing and restricts the fixture’s maximum output power to 5%. Exposure to the beam should still be avoided, and this mode should only be used by trained personnel. To activate Maintenance Mode, set the Operation Mode parameter to a value between 75-99 for five seconds. The fixture will flash quickly three times at 5% output power to indicate it’s now in Maintenance Mode. To deactivate, return the Operation Mode parameter to either Restricted Zone Active or Restricted Zone Inactive as needed.

DIMMER MODES AND DIMMER CURVES



| Dimming Curve Ramp Effect | 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 |



DMX TRAITS

| Standard | Extended | Value | Function |
|----------|----------|-----------|---|
| 1 | 1 | 0-255 | Pan Left → Right |
| 2 | 2 | 0-255 | Pan Fine Fine Position |
| 3 | 3 | 0-255 | Tilt Forward → Backward |
| 4 | 4 | 0-255 | Tilt Fine Fine Position |
| 5 | 5 | | Pan Rotate |
| | | 0 – 2 | Disabled |
| | | 3 – 126 | Rotating Clockwise Fast → Slow |
| | | 127 – 129 | No rotation (Fixture stops at its current position) |
| | | 130 – 253 | Rotating Counter-Clockwise Fast → Slow |
| | | 254 – 255 | No rotation (Fixture stops at its current position) |
| 6 | 6 | 0-255 | Cyan 0 → 100% |
| | 7 | 0-255 | Cyan Fine Fine Saturation |
| 7 | 8 | 0-255 | Magenta 0 → 100% |
| | 9 | 0-255 | Magenta Fine Fine Saturation |
| 8 | 10 | 0-255 | Yellow 0 → 100% |
| | 11 | 0-255 | Yellow Fine Fine Saturation |
| 9 | 12 | | Color |
| | | 0-2 | Open |
| | | 3-7 | Red |
| | | 8-12 | Green |
| | | 13-17 | Yellow |
| | | 18-22 | Magenta |
| | | 23-27 | Orange |
| | | 28-32 | Cyan II |
| | | 33-37 | Pink |
| | | 38-42 | Cyan |
| | | 43-47 | Quad Color(Dark Amber+Blue+Green+Deep Yellow) |
| | | 48-52 | Deep Blue |
| | | 53-57 | Amber |
| | | 58-62 | Yellow Green |
| | | 63-67 | Green II |
| | | 68-72 | Light Yellow |
| | | 73-77 | Red Orange |
| | | 78-82 | Wine Pink |
| | | 83-87 | Kelly Green |
| | | 88-92 | Light Blue |
| | | 93-97 | Deep Yellow |
| | | 98-102 | Blue II |
| | | 103-107 | Red Amber |
| | | 108-112 | HCRI |
| | | 113-117 | CTB |
| | | 118-122 | CTO |
| | | 123-127 | Blue |
| | | | Scroll |
| | | 128-189 | Clockwise Fast → Slow |
| | | 190-193 | Stop |
| | | 194-255 | Counter-clockwise Slow → Fast |

DMX TRAITS

| Standard | Extended | Value | Function | | |
|----------|----------|---------|--------------------------------------|---------|-----------------------|
| | 13 | 0-255 | Color Fine Position | | |
| 10 | 14 | | Rotating Gobo | | |
| | | 0-7 | Open | | |
| | | 8-14 | Rotating Gobo 1 | | |
| | | 15-21 | Rotating Gobo 2 | | |
| | | 22-28 | Rotating Gobo 3 | | |
| | | 29-35 | Rotating Gobo 4 | | |
| | | 36-42 | Rotating Gobo 5 | | |
| | | 43-49 | Rotating Gobo 6 | | |
| | | 50-56 | Rotating Gobo 7 | | |
| | | 57-63 | Rotating Gobo 8 | | |
| | | 64-70 | Rotating Gobo 9 | | |
| | | 71-77 | Rotating Gobo 10 | | |
| | | 78-84 | Rotating Gobo 11 | | |
| | | 85-91 | Rotating Gobo 12 | | |
| | | 92-98 | Rotating Gobo 13 | | |
| | | 99-105 | Gobo 1 Shake Slow → Fast | | |
| | | 106-112 | Gobo 2 Shake Slow → Fast | | |
| | | 113-119 | Gobo 3 Shake Slow → Fast | | |
| | | 120-126 | Gobo 4 Shake Slow → Fast | | |
| | | 127-133 | Gobo 5 Shake Slow → Fast | | |
| | | 134-140 | Gobo 6 Shake Slow → Fast | | |
| | | 141-147 | Gobo 7 Shake Slow → Fast | | |
| | | 148-154 | Gobo 8 Shake Slow → Fast | | |
| | | 155-161 | Gobo 9 Shake Slow → Fast | | |
| | | 162-168 | Gobo 10 Shake Slow → Fast | | |
| | | 169-175 | Gobo 11 Shake Slow → Fast | | |
| | | 176-182 | Gobo 12 Shake Slow → Fast | | |
| | | 183-189 | Gobo 13 Shake Slow → Fast | | |
| | | | | | Scroll |
| | | | | 190-221 | Clockwise Fast → Slow |
| | | 222-223 | Stop | | |
| | | 224-255 | Counter-clockwise Slow → Fast | | |
| 11 | 15 | | Rotating Gobo Index/ Rotation | | |
| | | 0-127 | Index Position | | |
| | | | Rotate | | |
| | | 128-189 | Clockwise Fast → Slow | | |
| | | 190-193 | Stop | | |
| | | 194-255 | Counter-clockwise Slow → Fast | | |
| 12 | 16 | 0-255 | Rotating gobo fine indexing: | | |
| | | | Fine indexing | | |

DMX TRAITS

| Standard | Extended | Value | Function |
|----------|----------------------------|---------|-------------------------------|
| 13 | 17 | | Fixed gobo |
| | | 0-45 | Open |
| | | 46-48 | Gobo 1 |
| | | 49-51 | Gobo 2 |
| | | 52-54 | Gobo 3 |
| | | 55-57 | Gobo 4 |
| | | 58-60 | Gobo 5 |
| | | 61-63 | Gobo 6 |
| | | 64-66 | Gobo 7 |
| | | 67-69 | Gobo 8 |
| | | 70-72 | Gobo 9 |
| | | 73-75 | Gobo 10 |
| | | 76-78 | Gobo 11 |
| | | 79-81 | Gobo 12 |
| | | 82-84 | Gobo 13 |
| | | 85-87 | Gobo 14 |
| | | 88-90 | Gobo 15 |
| | | 91-93 | Gobo 16 |
| | | 94-96 | Gobo 17 |
| | | 97-99 | Gobo 18 |
| | | 100-102 | Gobo 19 |
| | | 103-105 | Gobo 20 |
| | | 106-108 | Gobo 21 |
| | | 109-111 | Gobo 22 |
| | | 112-114 | Gobo 23 |
| | | 115-117 | Gobo 24 |
| | | 118-120 | Gobo 1 shake slow to fast |
| | | 121-123 | Gobo 2 shake slow to fast |
| | | 124-126 | Gobo 3 shake slow to fast |
| | | 127-129 | Gobo 4 shake slow to fast |
| | | 130-132 | Gobo 5 shake slow to fast |
| | | 133-135 | Gobo 6 shake slow to fast |
| | | 136-138 | Gobo 7 shake slow to fast |
| | | 139-141 | Gobo 8 shake slow to fast |
| | | 142-144 | Gobo 9 shake slow to fast |
| | | 145-147 | Gobo 10 shake slow to fast |
| | | 148-150 | Gobo 11 shake slow to fast |
| | | 151-153 | Gobo 12 shake slow to fast |
| | | 154-156 | Gobo 13 shake slow to fast |
| | | 157-159 | Gobo 14 shake slow to fast |
| | | 160-162 | Gobo 15 shake slow to fast |
| | | 163-165 | Gobo 16 shake slow to fast |
| 166-168 | Gobo 17 shake slow to fast | | |
| 169-171 | Gobo 18 shake slow to fast | | |
| 172-174 | Gobo 19 shake slow to fast | | |
| 175-177 | Gobo 20 shake slow to fast | | |
| 178-180 | Gobo 21 shake slow to fast | | |
| 181-183 | Gobo 22 shake slow to fast | | |
| 184-186 | Gobo 23 shake slow to fast | | |
| 187-189 | Gobo 24 shake slow to fast | | |
| | | | Scroll |
| | | 190-221 | Clockwise Fast → Slow |
| | | 222-223 | Stop |
| | | 224-255 | Counter-clockwise Slow → Fast |

DMX TRAITS

| Standard | Extended | Value | Function |
|----------|----------|---------|---|
| | 18 | 0-255 | Fixed gobo indexing Fine: Fine indexing |
| 14 | 19 | | Rotating Prism 1 |
| | | 0-15 | Open |
| | | 16-75 | 4 Facet |
| | | 76-135 | 16 Facet |
| | | 136-195 | 6 Facet Linear |
| | | 196-255 | Open |
| 15 | 20 | | Rotating Prism 1 Index/Rotation |
| | | 0-127 | Index Position |
| | | | Rotate |
| | | 128-189 | Clockwise Fast → Slow |
| | | 190-193 | Stop |
| | | 194-255 | Counter-clockwise Slow → Fast |
| | 21 | 0-255 | Rotating Prism 1 Index/Rotation Fine Position |
| 16 | 22 | | Rotating Prism 2 |
| | | 0-15 | Open |
| | | 16-75 | 4 Facet Linear |
| | | 76-135 | 5 Facet |
| | | 136-195 | 8+8 Facet |
| | | 196-255 | Open |
| 17 | 23 | | Rotating Prism 2 Index/Rotation |
| | | 0-127 | Index Position |
| | | | Rotate |
| | | 128-189 | Clockwise Fast → Slow |
| | | 190-193 | Stop |
| | | 194-255 | Counter-clockwise Slow → Fast |
| | 24 | 0-255 | Rotating Prism 2 Index/Rotation Fine Position |
| 18 | 25 | 0 - 255 | Frost 1 (Soft) Open → Max |
| 19 | 26 | 0 - 255 | Frost 2 (Wash) Open → Max |
| 20 | 27 | 0-255 | Focus Infinity → Near |
| 21 | 28 | 0-255 | Focus Fine Fine Adjustment |
| 22 | 29 | 0-255 | Zoom Narrow → Wide |
| 23 | 30 | 0-255 | Zoom Fine Fine Adjustment |
| 24 | 31 | | Shutter/Strobe |
| | | 0-31 | Closed |
| | | 32-63 | Open |
| | | 64-95 | Strobe Slow → Fast |
| | | 96-127 | Open |
| | | 128-159 | Pulse-effect |
| | | 160-191 | Open |
| | | 192-223 | Random strobe Slow → Fast |
| 224-255 | Open | | |

DMX TRAITS

| Standard | Extended | Value | Function |
|----------|----------|---------|--------------------------|
| 25 | 32 | 0-255 | Dimmer |
| | | | Intensity 0 → 100% |
| 26 | 33 | 0-255 | Dimmer Fine |
| | | | Fine Adjustment |
| | 34 | | Dim Modes |
| | | 0-20 | Standard |
| | | 21-40 | Stage |
| | | 41-60 | TV |
| | | 61-80 | Architectural |
| | | 81-100 | Theatre |
| | | 101-120 | Stage 2 |
| | | | Dimmer Delay Time |
| | | 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 | | |
| 142-255 | Idle | | |
| | 35 | | Color Macro Speed |
| | | 0-255 | Max → Min Speed |

DMX TRAITS

| Standard | Extended | Value | Function |
|----------|---------------------|---------|-------------------------------------|
| | 36 | | Color Macros |
| | | 0-31 | OFF |
| | | 32-39 | Macro1 |
| | | 40-47 | Macro2 |
| | | 48-55 | Macro3 |
| | | 56-63 | Macro4 |
| | | 64-71 | Macro5 |
| | | 72-79 | Macro6 |
| | | 80-87 | Macro7 |
| | | 88-95 | Macro8 |
| | | 96-103 | Macro9 |
| | | 104-111 | Macro10 |
| | | 112-119 | Macro11 |
| | | 120-127 | Macro12 |
| | | 128-135 | Macro13 |
| | | 136-143 | Macro14 |
| | | 144-151 | Macro15 |
| | | 152-159 | Macro16 |
| | | 160-167 | Macro17 |
| | | 168-175 | Macro18 |
| | | 176-183 | Macro19 |
| | | 184-191 | Macro20 |
| | | 192-199 | Macro21 |
| | | 200-207 | Macro22 |
| | | 208-215 | Macro23 |
| | | 216-223 | Macro24 |
| | | 224-231 | Macro25 |
| 232-239 | Macro26 | | |
| 240-247 | Macro27 | | |
| 248-255 | Random CMY | | |
| | 37 | | Pan / Tilt Speed: |
| | | 0-225 | Max → Min Speed |
| | | 226-235 | Blackout by movement |
| | | 236-245 | Blackout by wheel changes |
| | | 246-255 | No function |
| 27 | 38 | | Control |
| | | 0-10 | Idle |
| | | 11-12 | Color change normal |
| | | 13-14 | Color change to any position |
| | | 15-16 | Color & gobo change to any position |
| | | | Fan |
| | | 17-18 | Low |
| | | 19-20 | High |
| | | 21-22 | Auto |
| | | | Motion |
| | | 23-24 | Pan Tilt Smooth |
| | | 25-26 | Pan Tilt Fast |
| | | 27-28 | Pan Tilt Break Smooth |
| | | 29-30 | Pan Tilt Break Fast |
| | | 31-32 | Pan Shortest Path |
| | | 33-34 | Pan Continue Path |
| | | 35-36 | Pan Range 540 |
| 37-38 | Pan Range 360 | | |
| 39-40 | Pan Range 360 Short | | |
| 41-79 | Idle | | |

DMX TRAITS

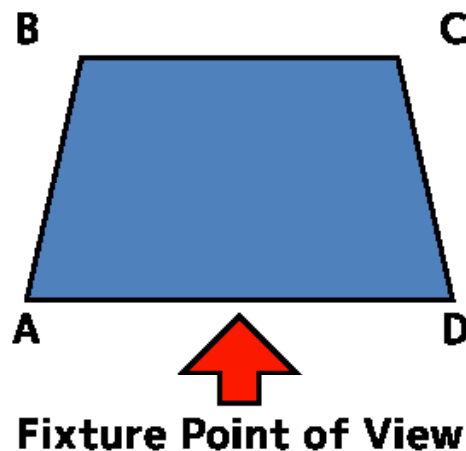
| Standard | Extended | Value | Function |
|----------|----------|-------|--------------------------|
| 27 | 38 | | Reset |
| | | 80-84 | Fixture |
| | | 85-87 | Pan Tilt |
| | | 88-90 | Color |
| | | 91-93 | Gobo |
| | | 94-96 | Beam |
| | | 97-99 | Other Features |
| | | | Refresh Rate (Hz) |
| | | 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 |
| | | 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 | | |

DMX TRAITS

| Standard | Extended | Value | Function |
|----------|----------------|---------|---------------------|
| 27 | 38 | 140 | 1300 |
| | | 141 | 1310 |
| | | 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 |
| | | 163 | 5000 |
| | | 164 | 6000 |
| | | 165 | 10000 |
| | | 166 | 15000 |
| | | 167 | 20000 |
| | | 168 | 25000 |
| | | 169-170 | Vent Cleaning On |
| | | 171-172 | Vent Cleaning Off |
| | | 173-174 | Hibernation Off |
| | | 175-176 | Hibernation |
| | | 177-178 | Sun Protection On |
| | | 179-180 | Sun Protection Off |
| | | 181-200 | Idle |
| | | | Dimmer Curve |
| | | 201-210 | Linear |
| 211-220 | Square | | |
| 221-230 | Inverse Square | | |
| 231-240 | S-Curve | | |
| 241-249 | Idle | | |
| 250-251 | Display Off | | |
| 252-253 | Display On | | |
| 254-255 | Idle | | |

DMX TRAITS - RESTRICTION ZONES

| Standard | Extended | Value | Function |
|----------|----------|---------|-------------------------------------|
| 28 | 39 | | Operation Mode |
| | | 0-24 | Idle |
| | | 25-36 | Restricted Zone Fade |
| | | 37-49 | Restricted Zone Snap |
| | | 50-74 | Restricted Zone Off |
| | | 75-99 | Maintenance Mode |
| | | 100-255 | Idle |
| 29 | 40 | | Zone Setup (hold to confirm) |
| | | 0-24 | Idle |
| | | 25-49 | Set Zone 1 Point A |
| | | 50-74 | Set Zone 1 Point B |
| | | 75-99 | Set Zone 1 Point C |
| | | 100-124 | Set Zone 1 Point D |
| | | 125-149 | Set Zone 2 Point A |
| | | 150-174 | Set Zone 2 Point B |
| | | 175-199 | Set Zone 2 Point C |
| | | 200-224 | Set Zone 2 Point D |
| | | 223-251 | Idle |
| | | 252-253 | Reset Zone A |
| | | 254-255 | Reset Zone B |
| 30 | 41 | | Hazard Distance |
| | | 0-19 | Any |
| | | 20-29 | 20m |
| | | 30-39 | 30m |
| | | 40-49 | 40m |
| | | 50-59 | 50m |
| | | 60-69 | 60m |
| | | 70-79 | 70m |
| | | 80-89 | 80m |
| | | 90-99 | 90m |
| | | 100-109 | 100m |
| | | 110-119 | 110m |
| | | 120-129 | 120m |
| | | 130-139 | 130m |
| | | 140-149 | 140m |
| | | 150-159 | 150m |
| | | 160-169 | 160m |
| | | 170-179 | 170m |
| | | 180-189 | 180m |
| | | 190-191 | 190m |
| 192 | 192m | | |
| 193-255 | Idle | | |



HAZARD DISTANCE VALUES

| Hazard Distance in meters | Dimmer Value Limit | Laser Power |
|---------------------------|--------------------|-------------|
| Any | 0% | 0 |
| 20 | 7.0% | 0.02748 |
| 30 | 12% | 0.381023 |
| 40 | 17% | 1.817439 |
| 50 | 22% | 5.898622 |
| 60 | 28% | 14.32494 |
| 70 | 34% | 28.32522 |
| 80 | 39% | 50.3763 |
| 90 | 45% | 80.4774 |
| 100 | 50% | 118.665 |
| 110 | 55% | 159.9778 |
| 120 | 61% | 215.94413 |
| 130 | 66% | 256.09815 |
| 140 | 72% | 311.49975 |
| 150 | 77% | 350.14608 |
| 160 | 83% | 400.7161 |
| 170 | 88% | 430.99262 |
| 180 | 94% | 452.7872 |
| 190 | 99% | 461.3756 |
| 192 | 100% | 463.15334 |

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, allowing 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:

| RDM Code | Device ID | Device Model ID | Personality ID |
|----------|-----------|-----------------|--|
| 0x22A6 | Open | 0x71E | Standard Mode (1) Extended Mode (2) |

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 |
| [0x0201] Sensor Value |
| [0x0080] Device Model Description |
| [0x0081] Manufacturer Label |
| [0x0082] Device Label |
| [0x00E0] DMX Personality |
| [0x00E1] DMX Personality Description |
| [0x0400] Device Hours |
| [0x0600] Pan Invert |
| [0x0601] Tilt Invert |
| [0x0500] Display Invert |

ERROR CODES

When power is applied, the unit will automatically enter a "Reset/Test" mode. This mode brings all the internal motors to a home position. If there is an internal problem with one or more of the motors an error code will flash in the display in the form of "XXer" where XX will represent a function number. For example, when the display shows "0Er" it means there is some type of error with the Pan motor. If there are multiple errors during the start-up process they will all flash in the display. For example: if the fixtures has errors on Channel 1, 2, and 5 all at the same time, you will see the error message "01Er", "02Er", and "05Er" flash repeated 5 times.

If an error does occur during the initial start-up procedure the fixture will self-generate a second reset signal and try to realign all the motors and correct the errors. If the error persists after a second attempt a third attempt will be made. If after a third attempt all the errors have not been corrected the fixture will make the following determinations:

- 3 or More Errors: The fixture cannot function properly with three or more errors therefore the fixture will place itself in a stand-by mode until subsequent repairs can be made.
- Less Than 3 Errors: The fixture has less than 3 errors; therefore, most other functions will work properly. The fixture will attempt to operate normally until the errors can be corrected by a technician. The errors in question will remain flashing in the display as a reminder of internal errors.

| Note: Error Codes are subject to change without any prior written notice. | |
|---|--|
| ERROR CODES | DESCRIPTION |
| Head Temp Fault | Head thermal sensor abnormal- cannot be detected or can be broken |
| Base Temp Fault | Base thermal sensor abnormal- cannot be detected or can be broken |
| LED Temp Fault | Led thermal sensor abnormal- cannot be detected or can be broken |
| Base Fan1 Error | Base Fan1 Error - The fan is faulty or the fan detection wire is disconnected. |
| Base Fan2 Error | Base Fan2 Error - The fan is faulty or the fan detection wire is disconnected. |
| Base Fan3 Error | Base Fan3 Error - The fan is faulty or the fan detection wire is disconnected. |
| Base Fan4 Error | Base Fan4 Error - The fan is faulty or the fan detection wire is disconnected. |
| 7UHeadFan1 Error | 7UHeadFan1 Error- The fan is faulty or the fan detection wire is disconnected. |
| 8UHeadFan1 Error | 8UHeadFan1 Error- The fan is faulty or the fan detection wire is disconnected. |
| 8UHeadFan2 Error | 8UHeadFan2 Error- The fan is faulty or the fan detection wire is disconnected. |
| 9HeadFan1 Error | 9HeadFan1 Error - The fan is faulty or the fan detection wire is disconnected. |
| 2U01 Com Fail | 2U01 PCB communication Fail -The JE cable is disconnected or the communication IC on the PCB is faulty. |
| 3U01 Com Fail | 3U01 PCB communication Fail -The JE cable is disconnected or the communication IC on the PCB is faulty. |
| 4U01 Com Fail | 4U01 PCB communication Fail -The JE cable is disconnected or the communication IC on the PCB is faulty. |
| 5U01 Com Fail | 5U01 PCB communication Fail -The JE cable is disconnected or the communication IC on the PCB is faulty. |
| 6U01 Com Fail, | 6U01 PCB communication Fail,-The JE cable is disconnected or the communication IC on the PCB is faulty. |
| 7U01 Com Fail | 7U01 PCB communication Fail -The JE cable is disconnected or the communication IC on the PCB is faulty. |
| 8U01 Com Fail | 8U01 PCB communication Fail -The JE cable is disconnected or the communication IC on the PCB is faulty. |
| 9U01 Com Fail | 9U01 PCB communication Fail -The JE cable is disconnected or the communication IC on the PCB is faulty. |
| 10U01 Com Fail | 10U01 PCB communication Fail -The JE cable is disconnected or the communication IC on the PCB is faulty. |
| 11U01 Com Fail | 11U01 PCB communication Fail -The JE cable is disconnected or the communication IC on the PCB is faulty. |
| Head HD Higher | Head humidity >=85%-The humidity sensor is faulty or the PCB is malfunctioning, or there may be a communication failure with the JE wire. |
| Base HD Higher | Base humidity >=85%-The humidity sensor is faulty or the PCB is malfunctioning, or there may be a communication failure with the JE wire. |
| LaserCol.WhlErr | Laser Color Wheel Error - Internal laser color wheel malfunction; the color wheel has stopped rotating. It is recommended to replace the laser light source. |
| LaserCol.FanErr | Laser Color Wheel Fan Error-The internal color wheel fan of the laser has stopped rotating. It is recommended to replace the laser light source. |

SOFTWARE UPDATES

E-LOADER III



**ONLY QUALIFIED TECHNICIANS SHOULD PERFORM THIS FUNCTION!
NOTE ALL MENU SETTINGS BEFORE UPDATING SOFTWARE!
FIXTURE SOFTWARE CAN NOT BE DOWNGRADED!
DOWNLOAD FIXTURE SOFTWARE TO PC ONLY! (NO MAC SUPPORT)
PLEASE CONTACT ELATION SERVICE FOR FURTHER INFORMATION.**

An Elation E-Loader III can be used to update the fixture to the latest software. Please visit the E-Loader III product page at the Elation web site and download the product manual for step by step instructions.

<https://www.elationlighting.com/e-loader-iii-software-uploader>

To order the E-Loader III uploader and the updated software for your fixture, please contact Elation support for details.

SOFTWARE UPDATES

ETHERNET UPDATER

Software updates for this fixture can be performed using the Elation Ethernet Updater. Contact Elation Service to obtain this updater device:

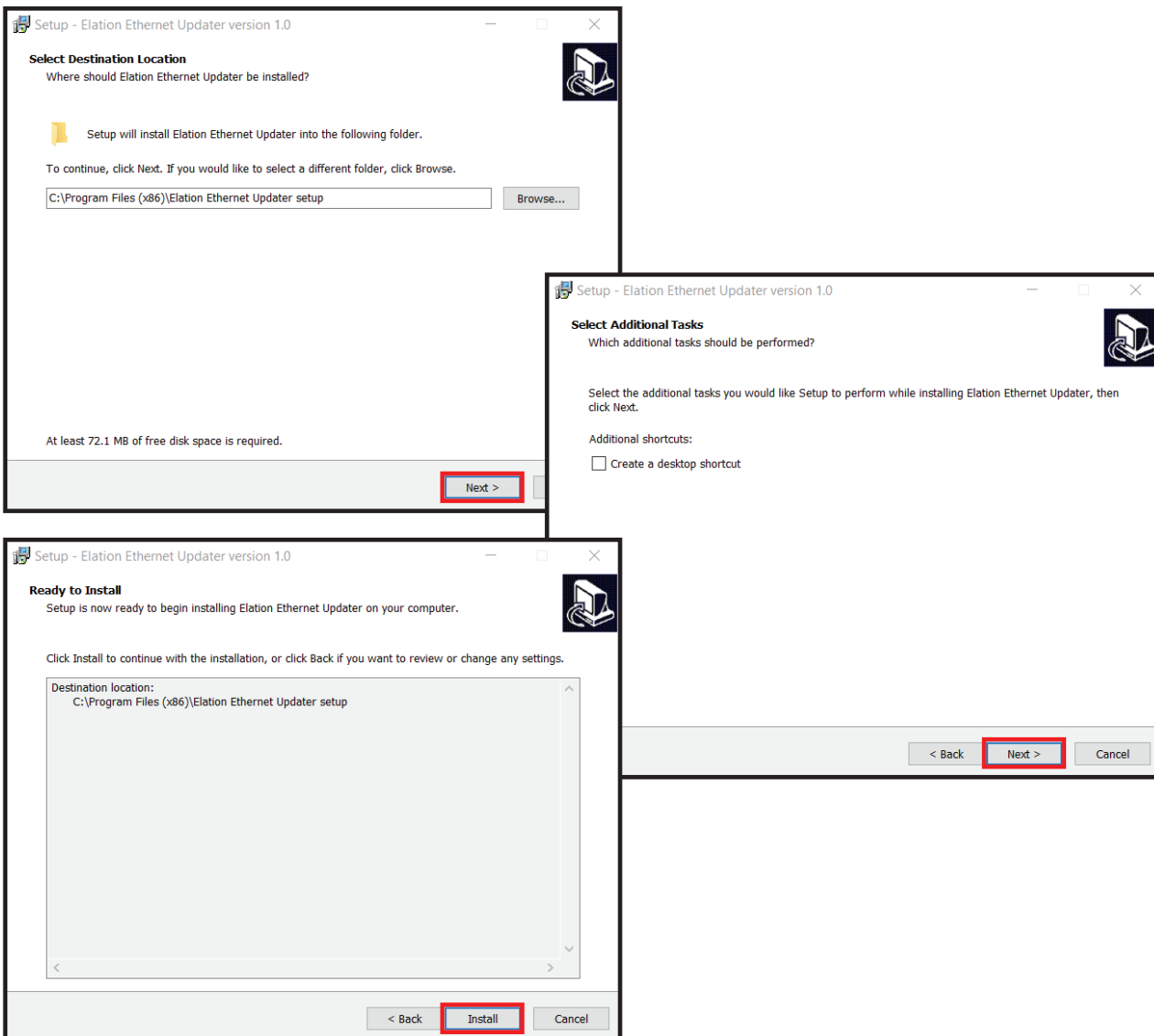
ELATION SERVICE USA - Monday - Friday 8:00am to 4:30pm PST
323-582-3322 | support@elationlighting.com

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

The Elation Ethernet Updater is an EXE file, which only works on a PC System. Once you've received the Elation Ethernet Updater RAR file from Elation Service via email, download and extract the EXE file. With the file extracted, click Elation Ethernet Updater setupV100.exe to launch the installation wizard.

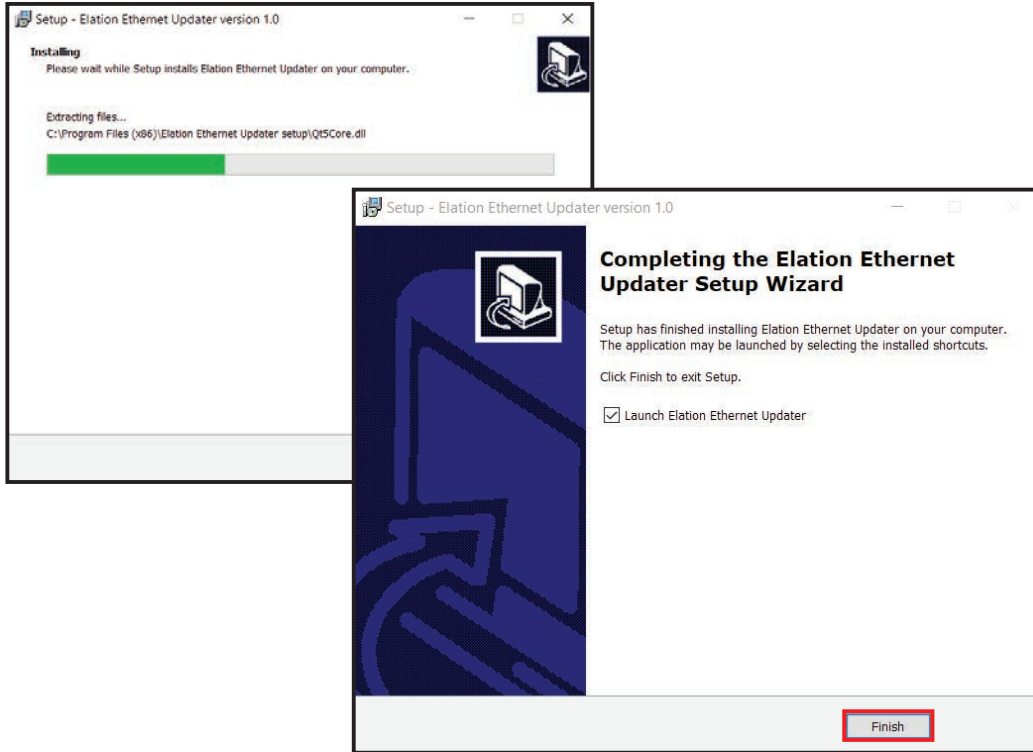


Follow the prompts once the Elation Ethernet Updater EXE has launched the Setup Wizard.



SOFTWARE UPDATES

ETHERNET UPDATER



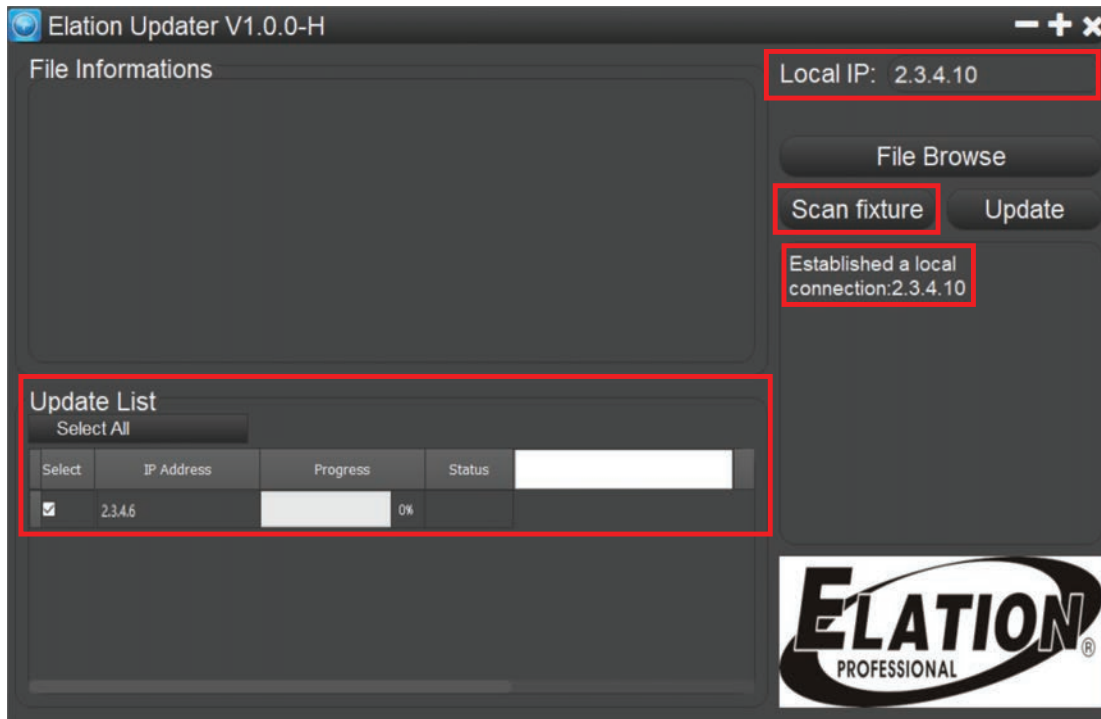
Once you have installed the Elation Ethernet Updater, it will launch automatically (unless you unchecked “Launch Elation Ethernet Updater”), or you can open it any time by clicking on the icon.



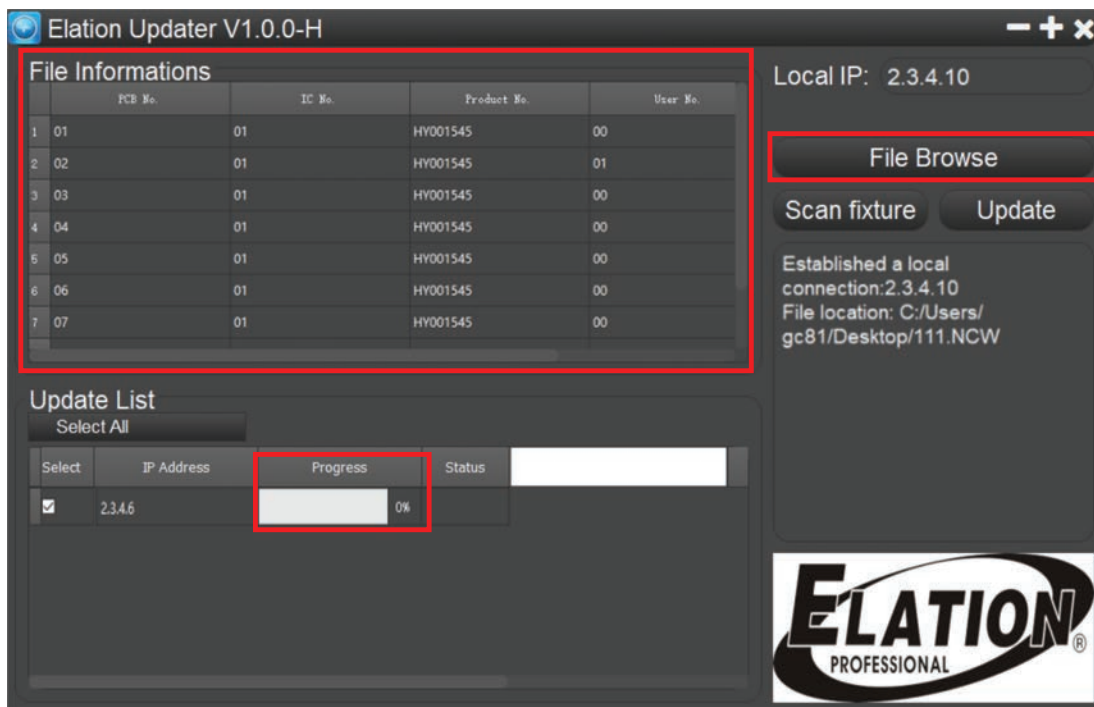
SOFTWARE UPDATES

ETHERNET UPDATER

Once opened, your local IP will automatically be identified. Click "Scan fixture" and create a connection. The fixture identity will appear in the Update List on the left side of browser. A connection will fail to establish if the fixture IP and Local IP are not in the same network segment.



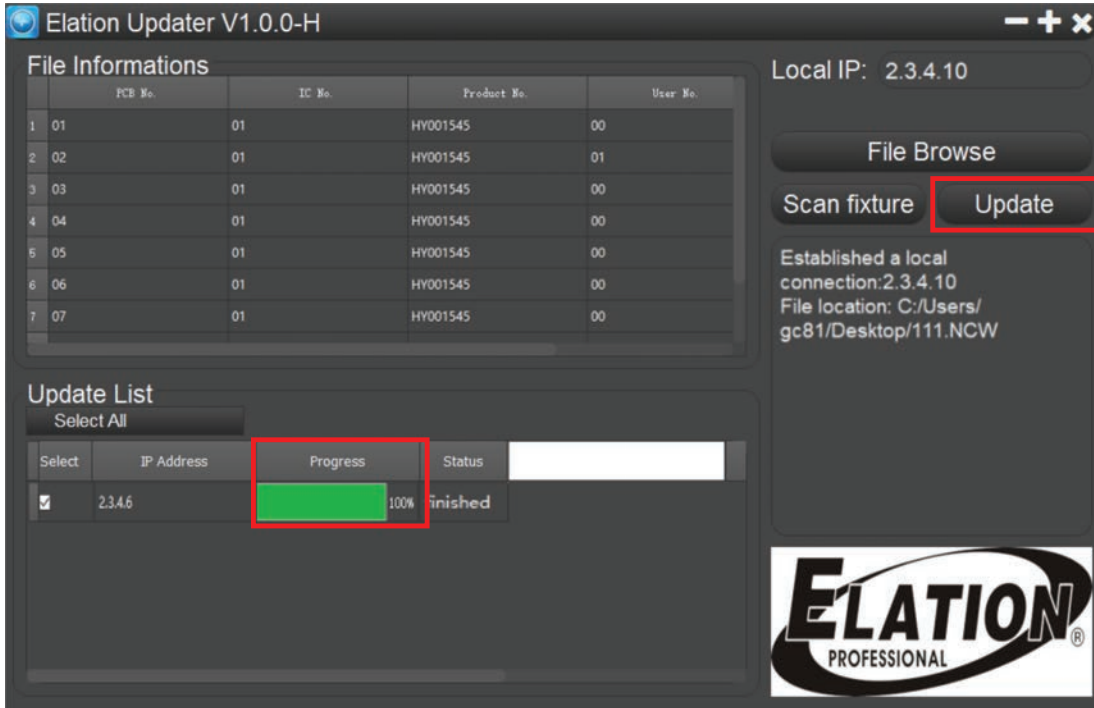
Click "File Browse" to select the files you want to download. The download Progress is displayed in the File information chart as a percentage bar graph.



SOFTWARE UPDATES

ETHERNET UPDATER

Click Update, then wait for the download Progress to reach 100% before closing Updater. The Elation Ethernet Updater can update up to 31 fixtures via connection to a PC.



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. Periodically clean the external lens surface with a soft cloth to avoid dirt/debris accumulation. **NEVER** use alcohol, solvents, or ammonia-based cleaners.

MAINTENANCE

Regular inspections are recommended to ensure 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 your local Elation dealer.

Please refer to the following points during routine inspections:

- A detailed electric 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. **NEVER** remove the ground prong from the power cable.

SPECIFICATIONS

SOURCE

500W LILI (Laser Illuminated Lighting Instrument) Light Engine
9000K, CRI 70
12,000 Hour Lamp Life

PHOTOMETRIC DATA

1.000.000 Lux @ 20m
100.000 Lux @ 100m
Beam Angle 0.6° - 8.5°

EFFECTS

Dual Frost (Hot- Spot Beam, Wash FX)
Ultra- Fast Zoom
Focus
2x3 Prisms on Dual Planes
Digital Shutter and Strobe
Pan Angle 360° / 540°
Tilt Angle 250°

COLOR

Full CMY Color Mixing System
25 Position Color Wheel

GOBOS

2 Gobo Wheels
13 Interchangeable-Rotating / Indexing Metal Gobos
24 Static-Stamped Metal Gobos

CONTROL / CONNECTIONS

2 DMX Channel Modes (30/41 Ch)
(4) Button Touch Panel
Full Color 180° Reversible LCD Menu Display
DMX, RDM, Art-Net and sACN Protocol Support
NFC Support
IP65 5pin DMX In/Out
IP65 RJ45 Ethernet In/Out
IP65 Locking Power In

SIZE / WEIGHT (approx.)

Length: 14.6" (370mm)
Width: 20" (508mm)
Height: 31.5" (800mm)
Weight: 124.1 lbs. (56.3kg)

ELECTRICAL / THERMAL

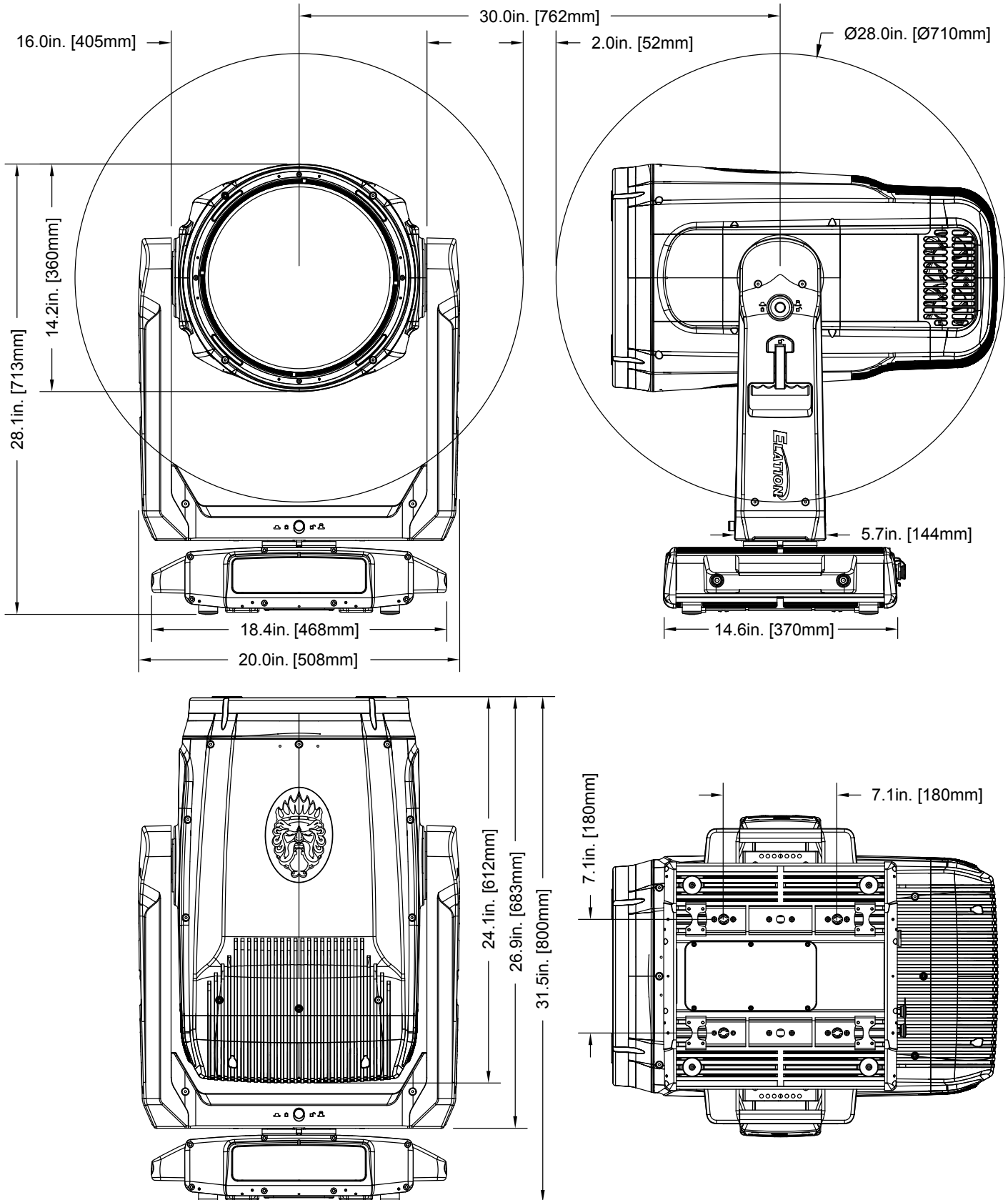
AC 100-240V 50/60Hz
700W Max Power Consumption
-4°F to 113°F (-20°C to 45°C)

APPROVALS / RATINGS

CE | cETLus | UKCA | FCC | IP66 | FDA

DIMENSIONAL DRAWINGS

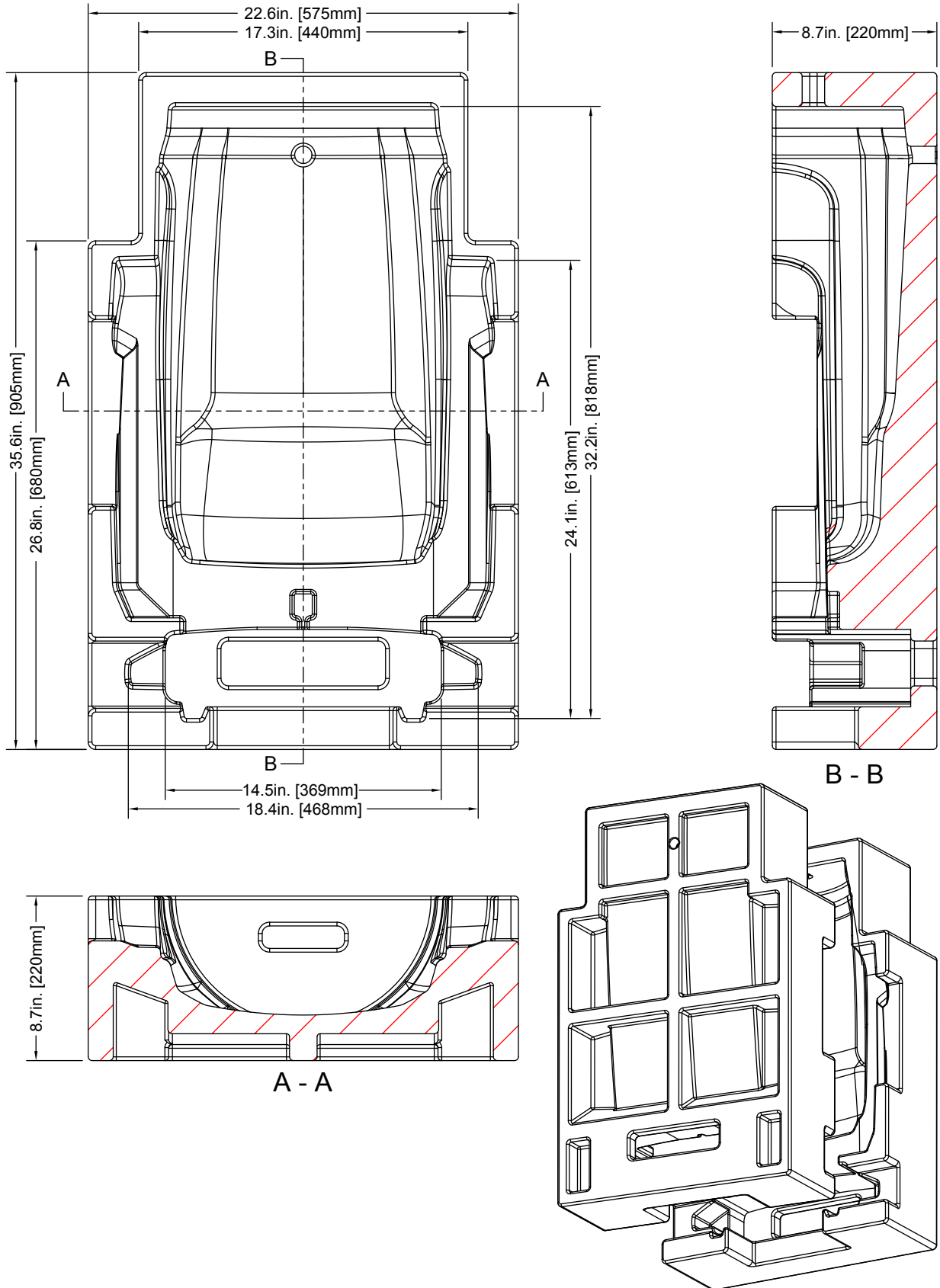
DRAWINGS NOT TO SCALE



Specifications and documentation subject to change without notice.

DIMENSIONAL DRAWINGS

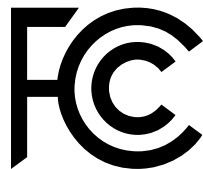
DRAWINGS NOT TO SCALE



Specifications and documentation subject to change without notice.

OPTIONAL ACCESSORIES

| ORDER CODE | | ITEM |
|---------------|------------|---|
| US | EU | |
| PRA501 | 1237000272 | Elation Proteus Atlas |
| TRIGGER CLAMP | N/A | Heavy Duty Wrap Around Hook Style Clamp |
| SIP126 | N/A | 5 ft. (1.5m) IP66 Twist Lock Power Link Cable |
| TOU027 | N/A | Tour Link 5pin, 10Ft., Tour Grade, DMX Data Cable |
| | | Additional Cable Lengths Available |



FCC STATEMENT

This device complies with Part 15 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.

FCC RADIO FREQUENCY INTERFERENCE WARNINGS & INSTRUCTIONS

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

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

Energy Saving Matters (EuP 2009/125/EC)

Saving electric energy is a key to help protecting the environment. Please turn off all electrical products when they are not in use. To avoid power consumption in idle mode, disconnect all electrical equipment from power when not in use. Thank you!

INDEX

- Accessories 51
- Ambient Operating Temperature 14, 48
- Approvals / Ratings 48
- Art-Net 17, 26, 48

- Battery Compartment / Battery Replacement 8, 18, 25
- Beam Angle 9, 48
- Box Contents 4

- Calibration 22, 27
- Cleaning 47
- CMY Color Mixing 10, 26, 48
- Color Macros 35
- Color Wheel 10, 30, 48
- Control / Connections 8, 17, 18, 25–27, 48
- Custom Gobos 12

- Dimensional Drawings 49–50
- Dimmer Curves 29, 37
- Dimmer Modes 29, 34
- DMX Address 25–26, 40
- DMX Channel Modes 26, 30–38, 48
- DMX Traits 30–38

- E-Loader III 25, 42
- Electrical Connections 14, 48
- Error Codes 41
- Ethernet Updater 43–46

- Fan Modes 21, 26, 35
- FCC Statement 51
- Fixed Gobo Wheel 11, 32, 48
- Focus 33, 48
- Frost 11, 33, 48

- Gobos 10–12, 31–32, 48

- Hazard Distance 6, 26, 38–39
- Hibernation Mode 20, 26, 37
- Humidity 5, 13, 27, 41

- Installation Guidelines 14–19
- IP66 Rating 4–5, 13, 17–18, 48
- IP Pressure Testing 13

- Laser Color Wheel Error 41
- Laser Color Wheel Fan Error 41
- Laser Safety 6, 9, 28, 38–39
- LCD Display / System Menu 8, 25–27, 48
- Lens Protection / Sun Exposure 19–20, 24
- LILI Light Engine 6, 12, 28, 48
- Low Noise Operation 21

- Maintenance 5, 47
- Maritime / Seaside Installations 5

- NFC 8, 48
- No DMX Status 20, 26

- Omega Brackets 4, 15
- Optional Accessories 51

- Pan / Tilt 15–16, 26, 30, 35
- Photometric Data 48
- Power Consumption 8, 14, 18, 48
- Prisms 11, 33, 48
- Protocol Settings 26

- RDM 40, 48
- Restricted Zone 26, 28, 38
- Rigging 14–16
- Rotating Gobo Wheel 10, 12, 31, 48

- sACN 17, 26, 48
- Safety Cable 9, 14–16
- Safety Guidelines 6–7
- Service / Customer Support 4, 12, 25, 43
- Shutter / Strobe 33, 48
- Sky Motion 22–24, 26
- Software Updates 42–46
- Specifications 48
- Sun Protection Mode 20, 37
- System Menu 25–27

- Temperature Sensors 27, 40–41
- Tilt Lock / Pan Lock 8, 24

- Vent Cleaning 27, 37

- Warranty 4, 24
- Weight 48

- Zoom 33, 48
- Zone Restriction Setup 28, 38–39

