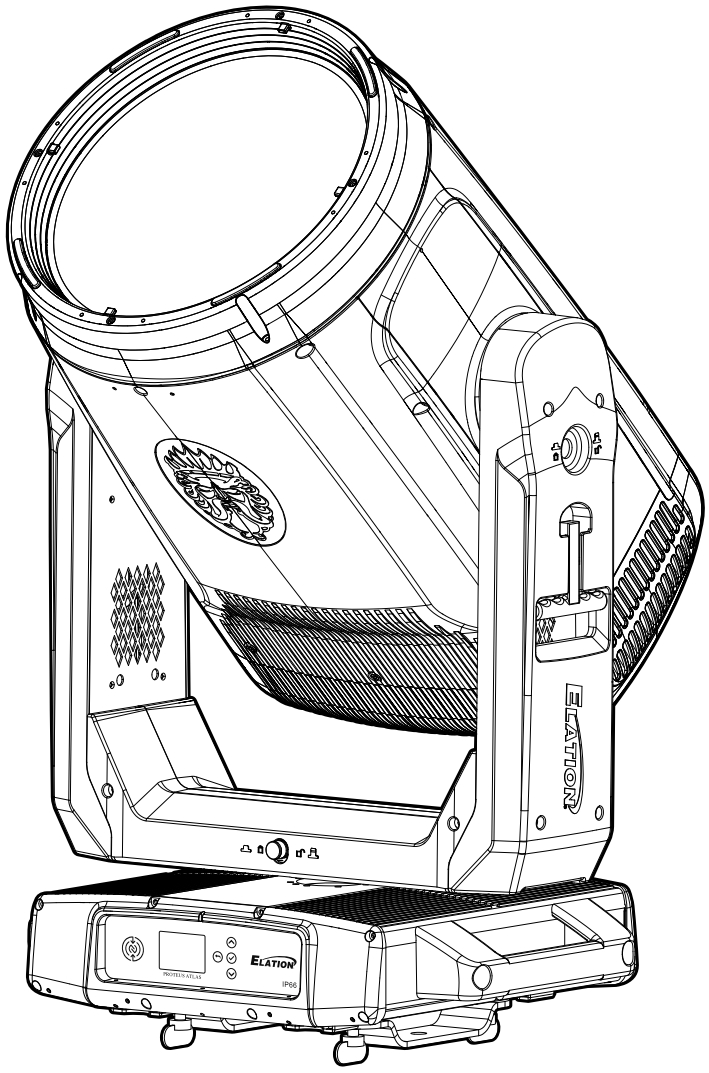
ELATION®



PROTEUS ATLAS

user manual

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

CONTENTS

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 use by trained personnel only, and is not suitable for private use. In addition, please be advised that the technical information in this manual may change without notice.**

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 that 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)
IP66 Rated 5-pin DMX Cable (x1)
IP66 Rated RJ45 Data Cable (x1) - **FIXTURE TO FIXTURE INTERCONNECTION USE ONLY!**
IP66 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

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.

LIMITED WARRANTY (USA ONLY)

A. Elation Professional hereby warrants, to the original purchaser, Elation Professional products to be free of general manufacturing defects in material and workmanship for a period of three years (1,095 days), and Elation Professional product rechargeable batteries to be free of manufacturing defects in material and workmanship for a period of six months (180 days), from the original date of purchase. This warranty excludes discharge lamps and all product accessories. This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.

B. For warranty service, send the product only to the Elation Professional factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, Elation Professional will pay return shipping charges only to a designated point within the United States. If any product is sent, it must be shipped in its original package and packaging material. No accessories should be shipped with the product. If any accessories are shipped with the product, Elation Professional shall have no liability what so ever for loss and/or damage to any such accessories, nor for the safe return thereof.

C. This warranty is void if the product serial number and/or labels are altered or removed; if the product is modified in any manner which Elation Professional concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the Elation Professional factory unless prior written authorization was issued to purchaser by Elation Professional; if the product is damaged because not properly maintained as set forth in the product instructions, guidelines and/or user manual.

D. This is not a service contract, and this warranty does not include any maintenance, cleaning or periodic check-up. During the periods as specified above, Elation Professional will replace defective parts at its expense, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of Elation Professional under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of Elation Professional. All products covered by this warranty were manufactured after January 1, 1990, and bare identifying marks to that effect.

E. Elation Professional reserves the right to make changes in design and/or performance improvements upon its products without any obligation to include these changes in any products theretofore manufactured.

F. No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with the products described above. Except to the extent prohibited by applicable law, all implied warranties made by Elation Professional in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty periods set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said periods have expired. The consumer's and/or dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall Elation Professional be liable for any loss and/or damage, direct and/or consequential, arising out of the use of, and/or the inability to use, this product.

G. This warranty is the only written warranty applicable to Elation Professional products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

WARRANTY RETURNS

All returned service items whether under warranty or not, must be freight pre-paid and accompany a return authorization (R.A.) number. The R.A. number must be clearly written on the outside of the return package. A brief description of the problem as well as the R.A. number must also be written down on a piece of paper and included in the shipping container. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. Items returned without a R.A. number clearly marked on the outside of the package will be refused and returned at customer's expense. You may obtain a R.A. number by contacting customer support.

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 manufactures 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!**

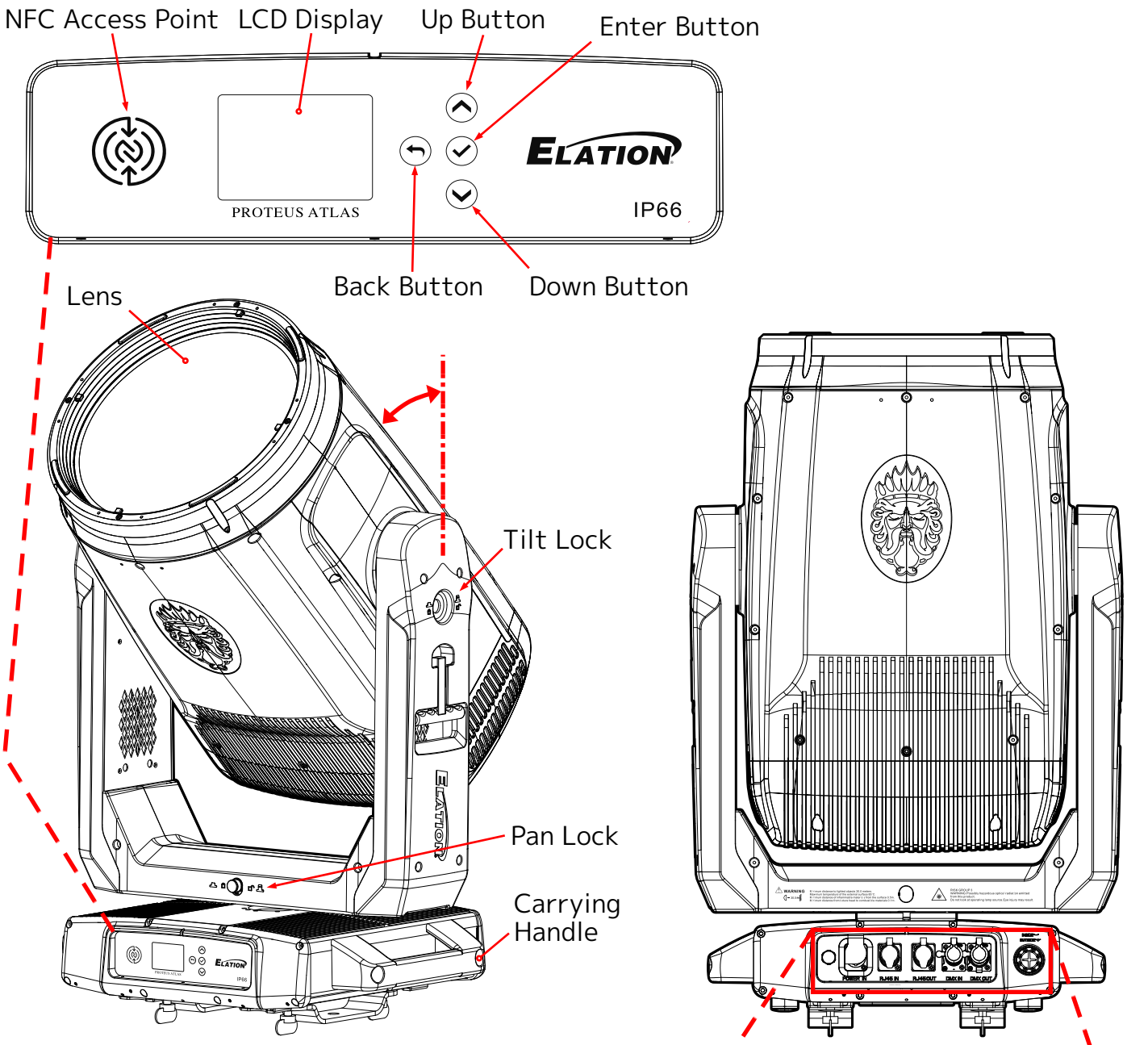
**NEVER LOOK DIRECTLY INTO THE LIGHT SOURCE! HIGH RISK OF EYE DAMAGE.
RETINA INJURY RISK - MAY INDUCE BLINDNESS!
SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK!**

**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

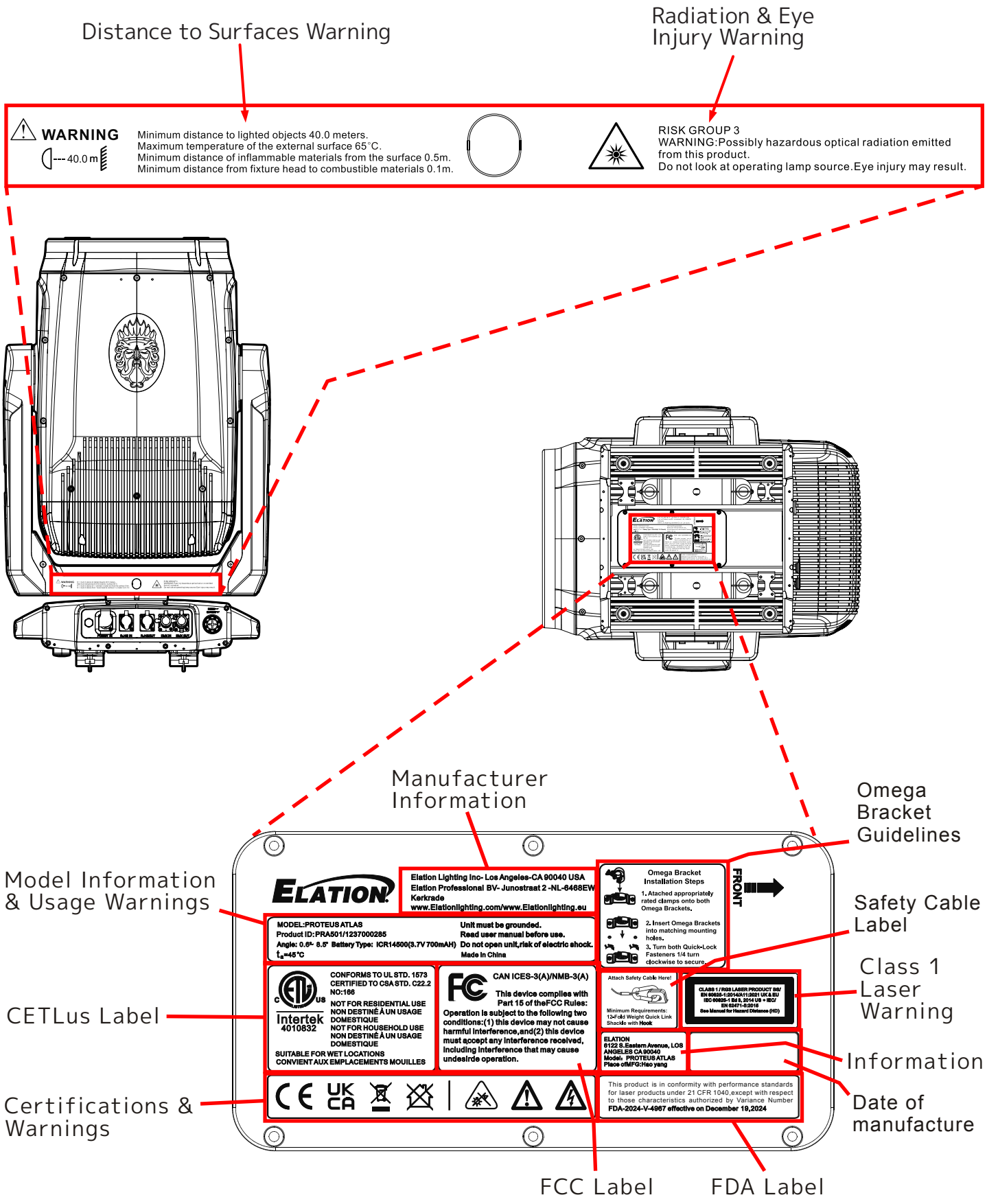
- **DO NOT TOUCH** the fixture housing during operation. Turn OFF the power and allow approximately 15 minutes for the fixture to cool down before serving.
- **DO NOT** shake fixture, avoid brute force when installing and/or operating fixture.
- **DO NOT** operate fixture if the power cord is frayed, 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



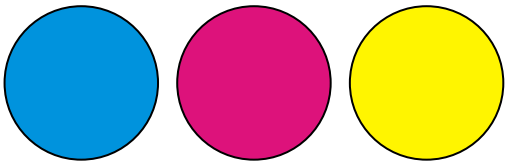
NOTE: TO MAINTAIN THE IP66 RATING INTEGRITY OF THE FIXTURE AND PREVENT WATER FROM ENTERING THE FIXTURE, SEAL ALL UNUSED CONNECTION RUBBER CAPS.

OVERVIEW


Distance to Surfaces Warning
Radiation & Eye Injury Warning
WARNING
40.0 m
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-6468EW Kerkrade
www.Elationlighting.com/www.Elationlighting.eu
Omega Bracket Installation Steps
1. Atached 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
MODEL:PROTEUS ATLAS
Product ID:PRA501/1237000285
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
CONFORMS TO UL STD. 1573
CERTIFIED TO CSA STD. C22.2 NO:166
NOT FOR RESIDENTIAL USE
NON DESTINÉ À UN USAGE DOMESTIQUE
NOT FOR HOUSEHOLD USE
NON DESTINÉ À UN USAGE DOMESTIQUE
SUITABLE FOR WET LOCATIONS
CONVIENT AUX EMPLACEMENTS MOUILLES
Intertek 4010832
CAN ICES-3(A)/NMB-3(A)
This device compiles with Part 15 of theFCC 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 undesirde operation.
Attach Safety Cable Here!
Minimum Requirements: 12-Fold Weight Quick Link Shackle with Hook
CLASS 1 / RG0 LASER PRODUCT BS/ EN 60825-1:2014/A11:2021 UK & EU IEC 60825-1 Ed 3, 2014 US + IEC/ EN 62471-5:2015
See Manual for Hazard Distance (HD)
ELATION
6122 S.Eastern Avenue, LOS ANGELES CA 90040
Model: PROTEUS ATLAS
Place ofMFG:Hao yang
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

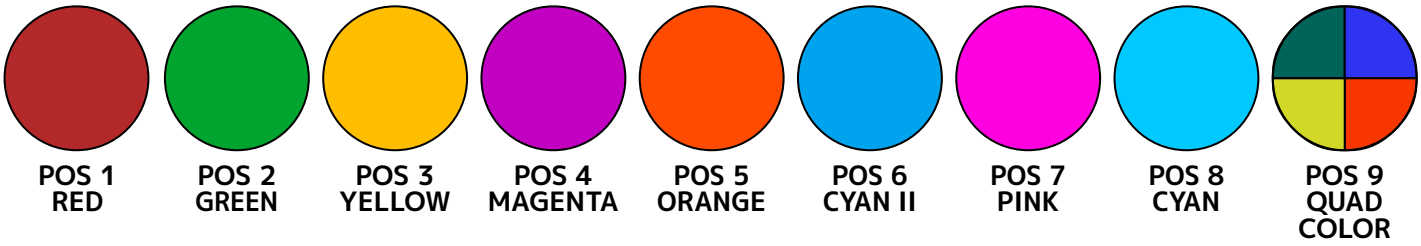
COLORS AND GOBOS

COLOR FLAGS

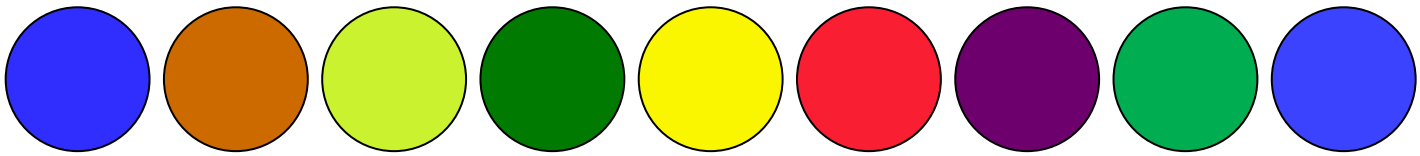


CYAN MAGENTA YELLOW

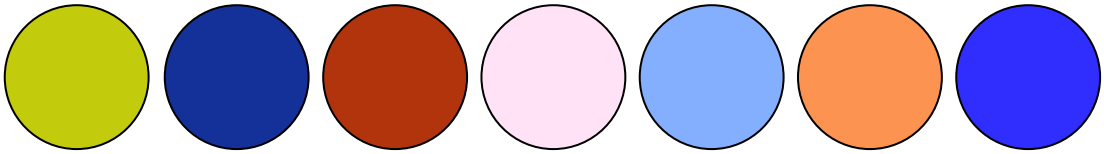
COLOR WHEEL



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



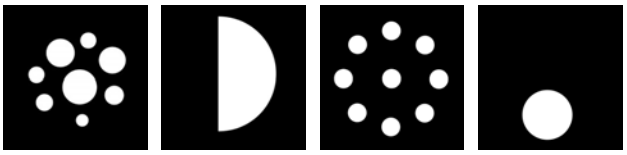
POS 10 DEEP BLUE | POS 11 AMBER | POS 12 YELLOW GREEN | POS 13 GREEN II | POS 14 LIGHT YELLOW | POS 15 RED ORANGE | POS 16 WINE PINK | POS 17 KELLY GREEN | POS 18 LIGHT BLUE



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

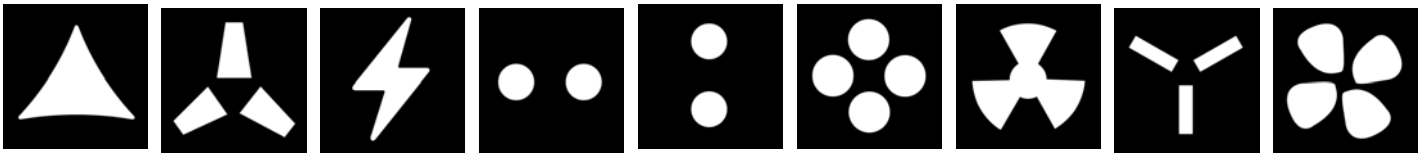


POS 10 | POS 11 | POS 12 | POS 13

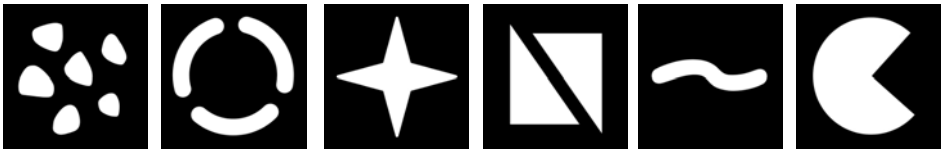
COLORS AND GOBOS

FIXED GOBO WHEEL

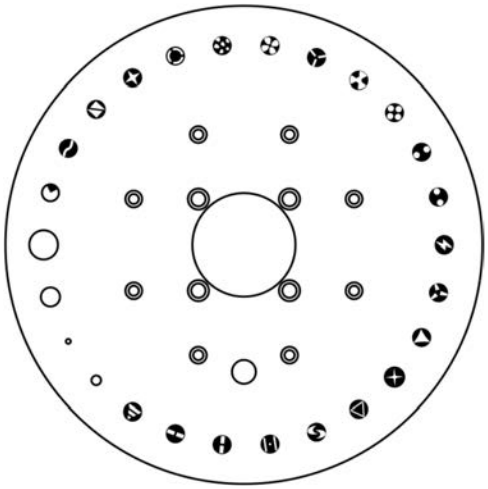
POS 1 POS 2 POS 3 POS 4 POS 5 POS 6 POS 7 POS 8 POS 9



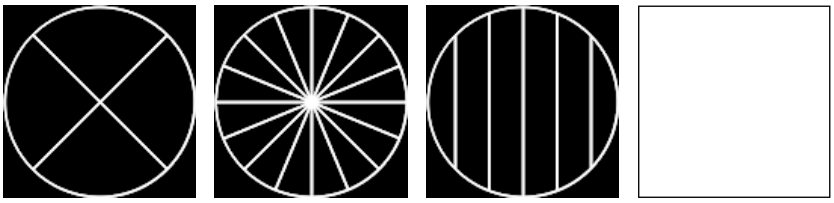
POS 10 POS 11 POS 12 POS 13 POS 14 POS 15 POS 16 POS 17 POS 18



POS 19 POS 20 POS 21 POS 22 POS 23 POS 24

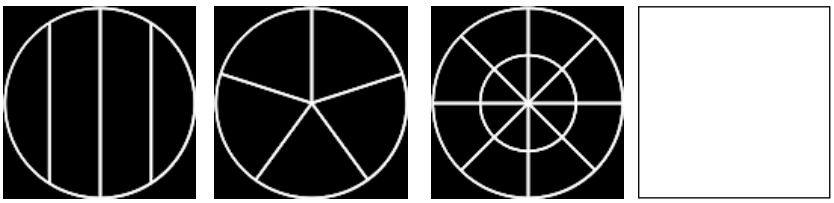


FX WHEEL 1



4 FACET | 16 FACET | 6 FACET LINEAR | SOFT FROST

FX WHEEL 2



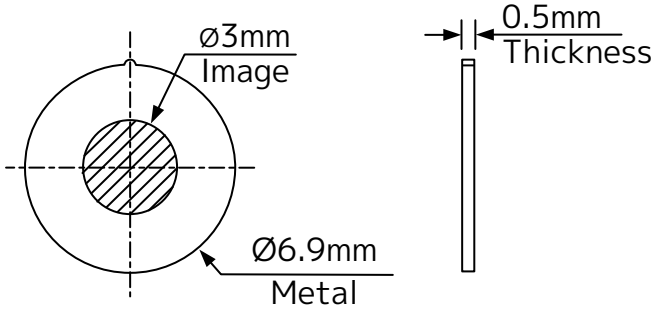
4 FACET LINEAR | 5 FACET | 8+8 FACET | WASH FROST

CUSTOM GOBOS

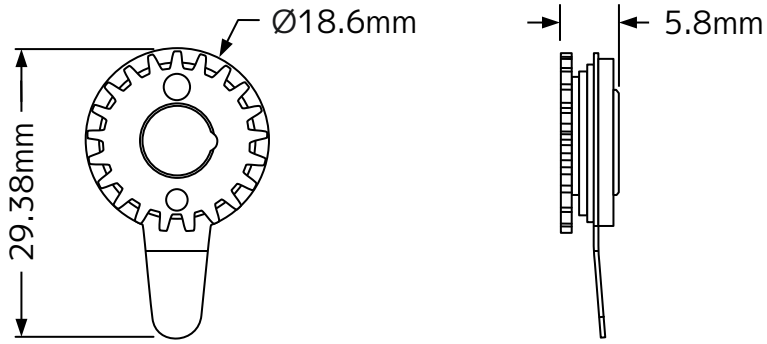
Custom Gobos can only be installed by technicians certified by Elation for LILI systems. This document outlines specifications for custom gobo design.

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

Gobo



Gobo Holder



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

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

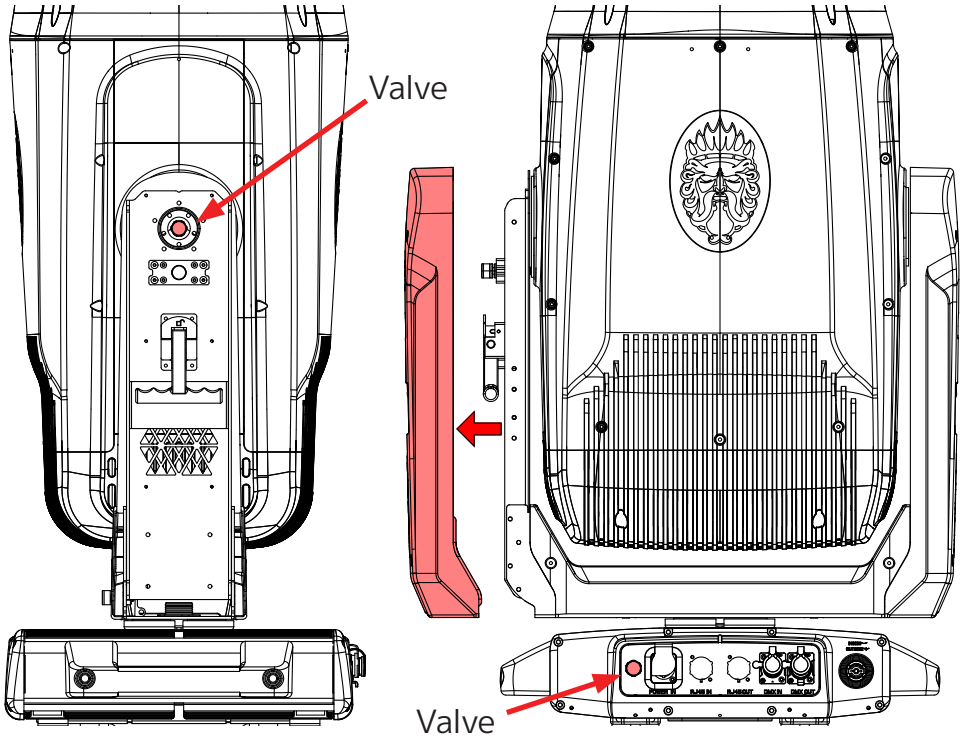
IP TEST PARAMETERS

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 122°F. (-20° to 50°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

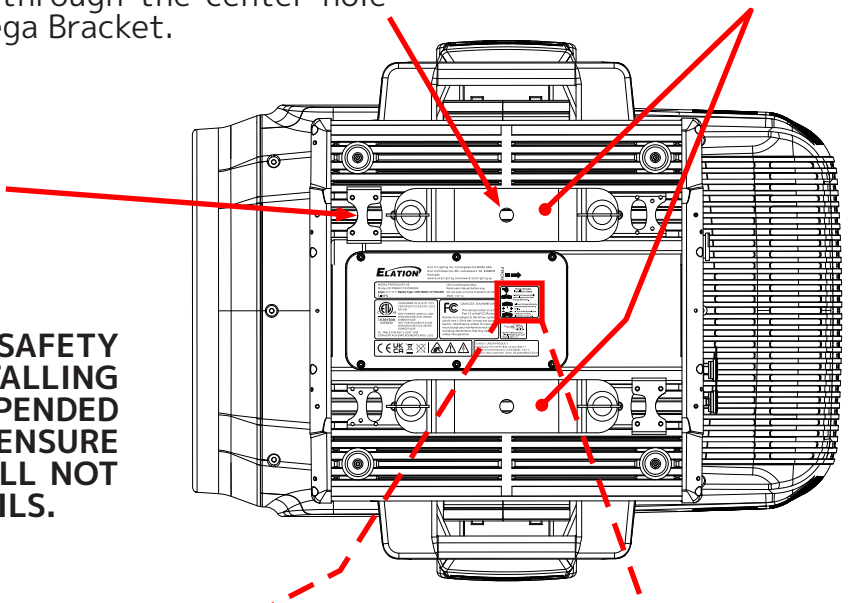
OMEGA BRACKET WITH CLAMP INSTALLATION

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.**

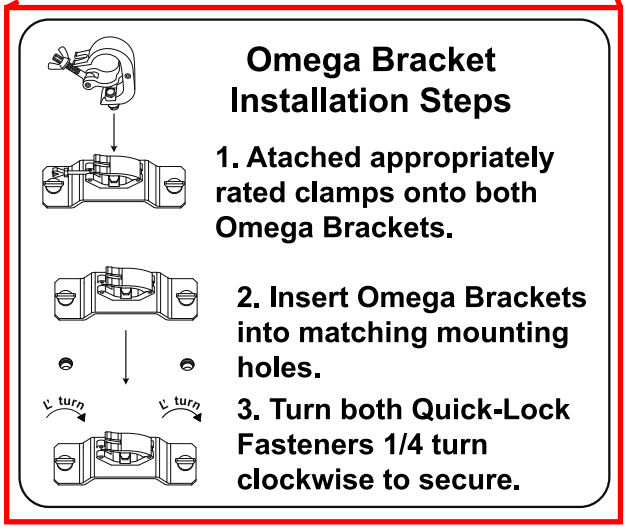
Mount Truss Clamp to Omega Bracket with M10 or M12 screw fitted through the center hole of Omega Bracket.

Omega Brackets

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.



MOUNTING THE FIXTURE ON A TRUSS USING CLAMPS

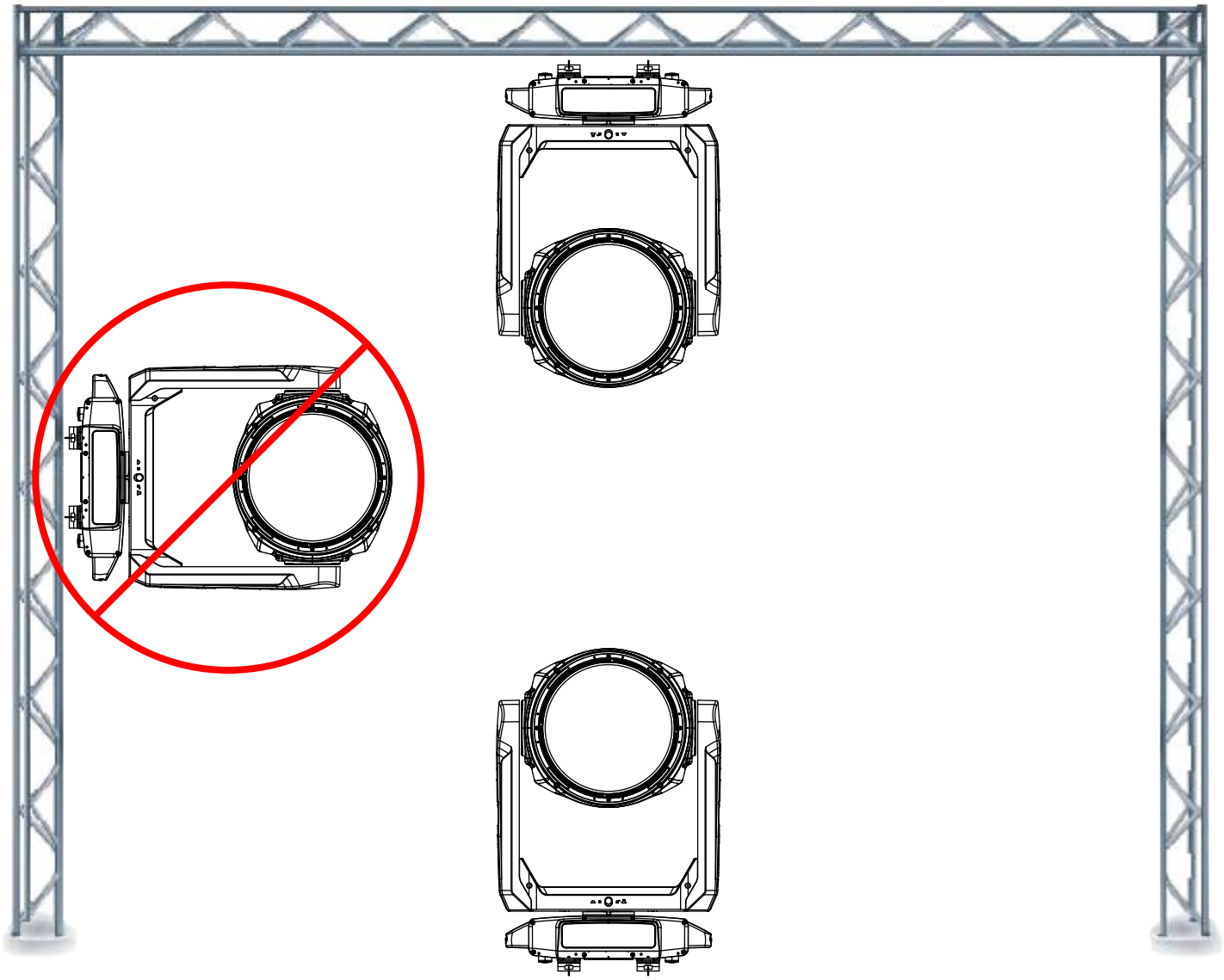
When mounting the fixture to a truss, be sure to secure an appropriately rated professional grade rigging clamp to the bottom of the fixture using (2x) minimum grade 8.8 steel (2x) M12x25mm bolts fitted through the mounting hole of the Clamp. The fixture provides built-in rigging points for a SAFETY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

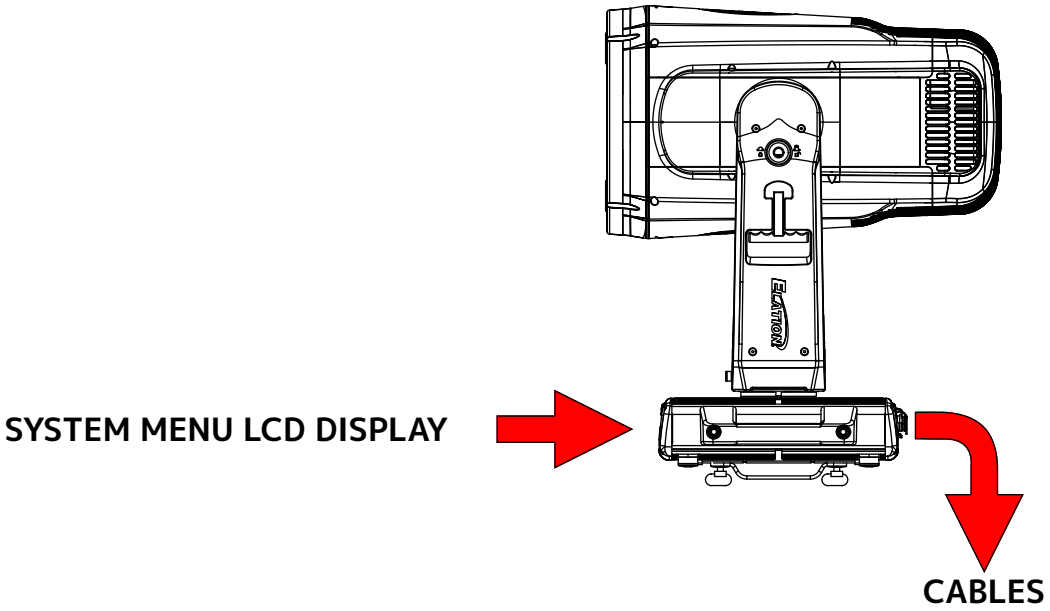
INSTALLATION GUIDELINES

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

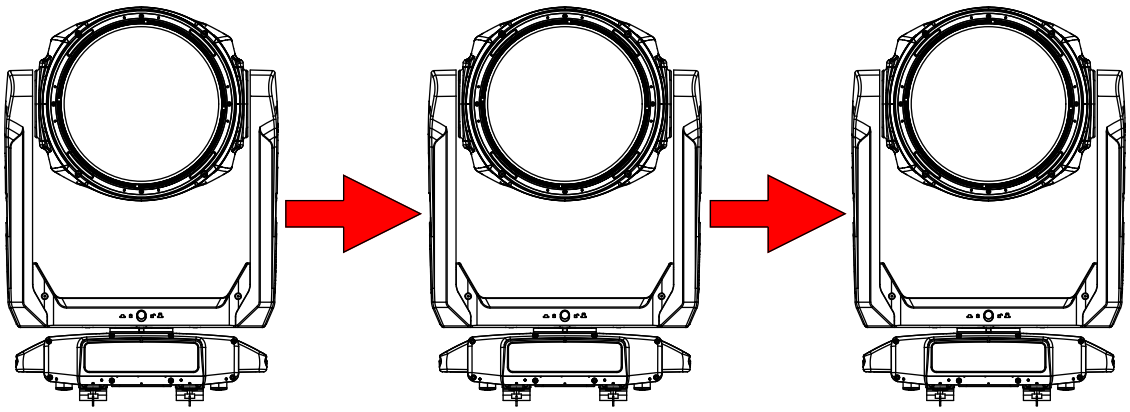
POWER AND DATA CABLES

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.

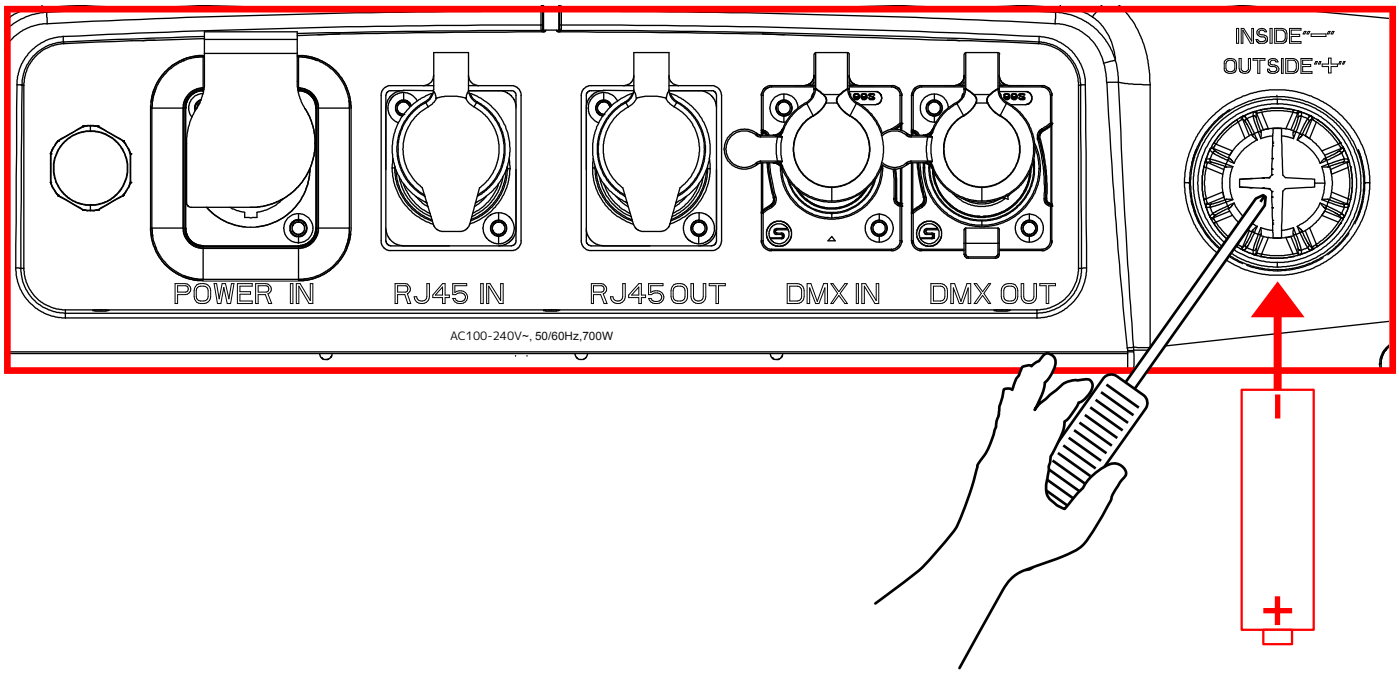


INSTALLATION GUIDELINES

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.

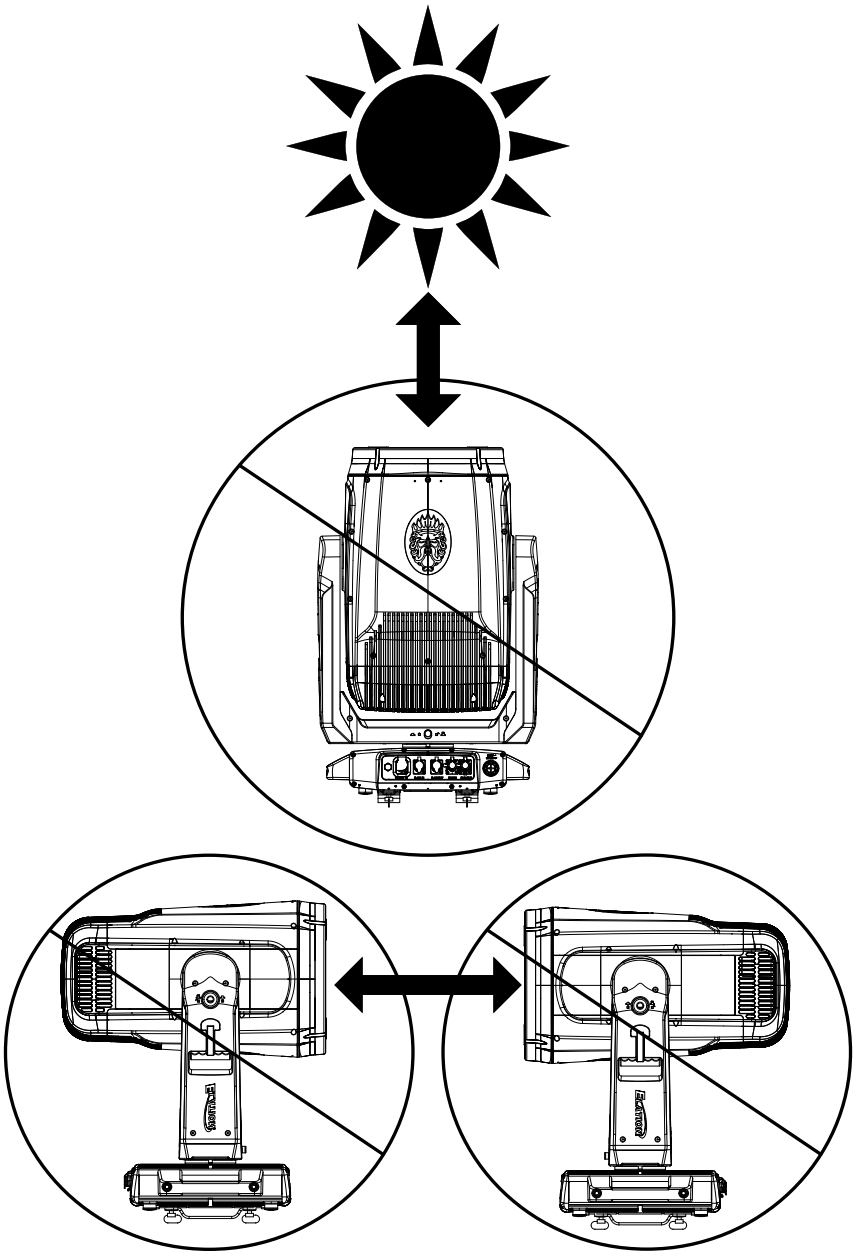
INSTALLATION GUIDELINES

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

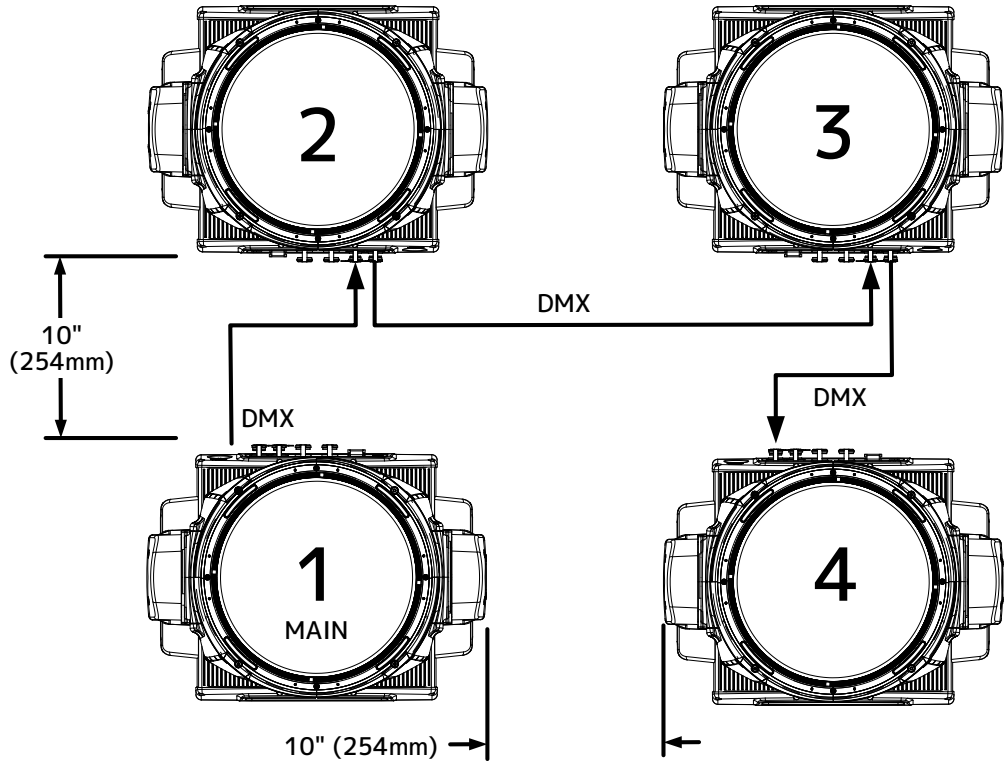
Sky Motion is an innovative feature of the Proteus Atlas which allows a fixture or group of fixtures to operate as a search light effect without the need for a dedicated lighting controller. Multiple fixtures can be interconnected, and with the simple assignment of IDs the fixture provides immediate 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.

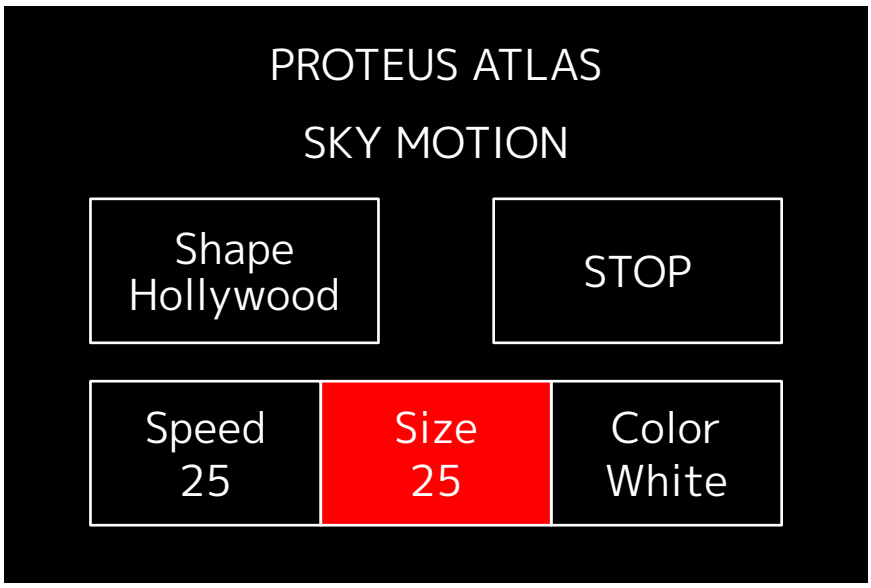


1. Connect fixtures to a suitable grounded power source.
2. Link fixtures via IP66-rated 5-pin DMX cables. Connect "DMX Out" from MAIN fixture to "DMX In" of the next. Cable order doesn't affect operation. **Do NOT connect the last fixture back to MAIN fixture**. Maximum combined cable length: 330 ft (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 premiers 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.

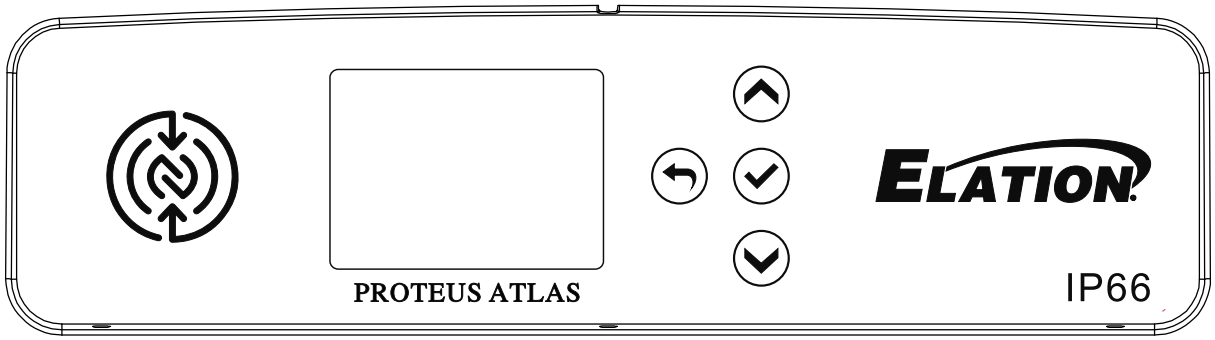
SYSTEM MENU

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)l	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.

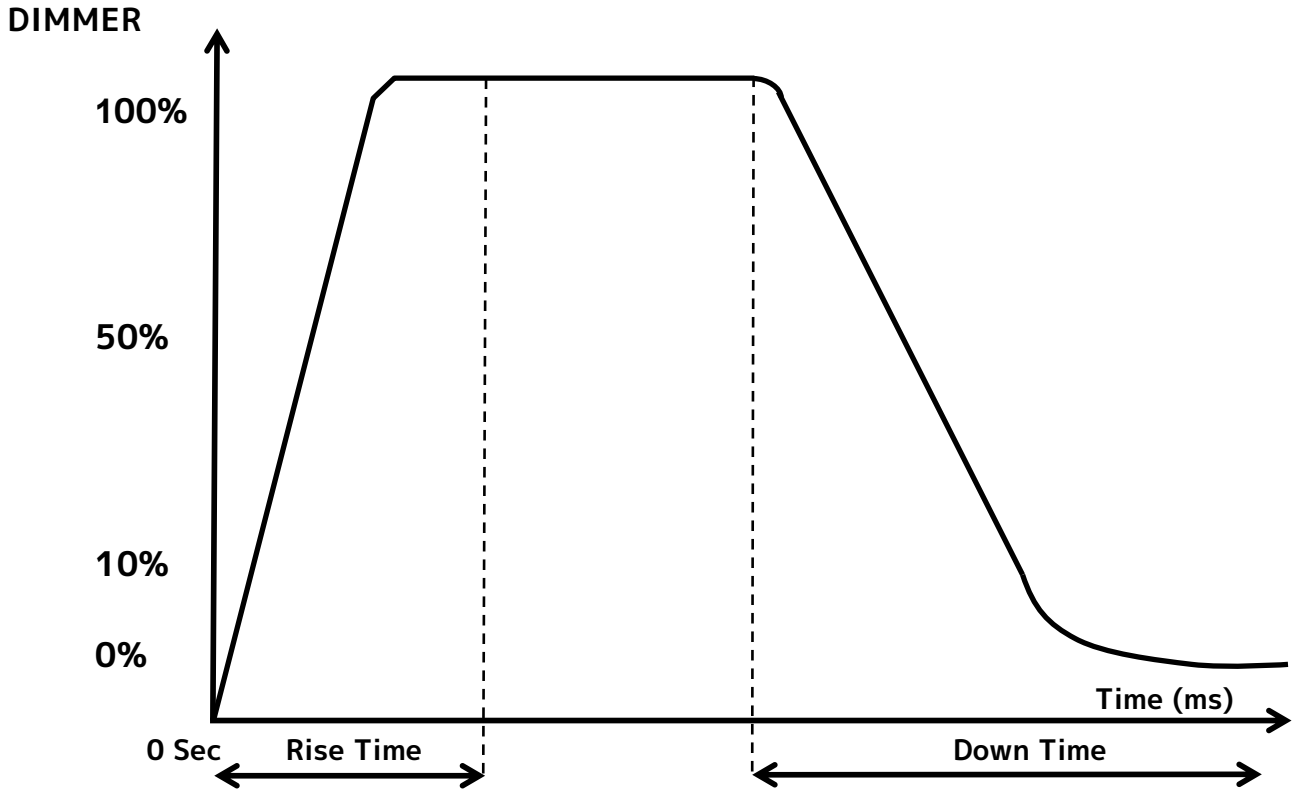
RESTRICTED ZONE INACTIVE

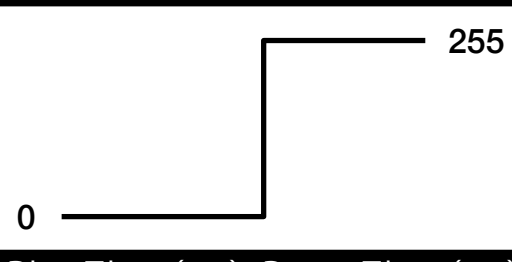
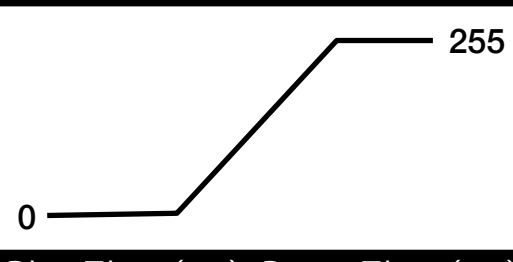
In this mode, previously established restricted zones are ignored, and the fixture does not attenuate its beam based on its position.

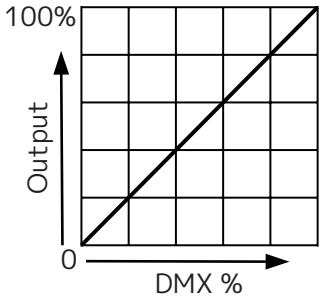
MAINTENANCE MODE

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.

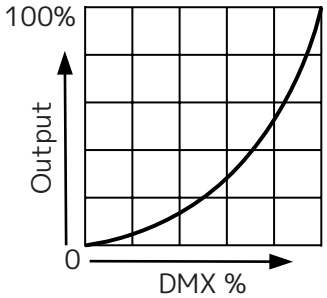
DIMMER MODES AND DIMMER CURVES



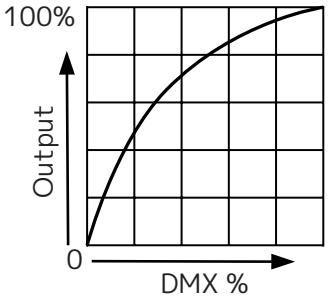
Dimming Curve Ramp Effect	0 sec Fade Time 		1 sec Fade Time 	
	Rise Time (ms)	Down Time (ms)	Rise Time (ms)	Down Time (ms)
Standard (default)	0	0	0	0
Stage	780	1100	1540	1660
TV	1180	1520	1860	1940
Architectural	1380	1730	2040	2120
Theatre	1580	1940	2230	2280
Stage 2	0	1100	0	1660



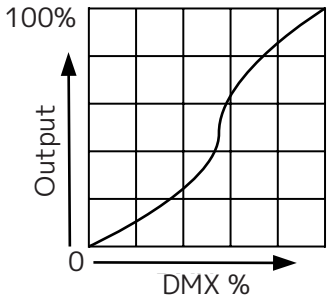
LINEAR



SQUARE



INVERSE SQUARE



S-CURVE

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
			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
	36	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
			Pan / Tilt Speed:
		0-225	Max → Min Speed
	37	226-235	Blackout by movement
		236-245	Blackout by wheel changes
		246-255	No function
			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
27			**Motion**
	38	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

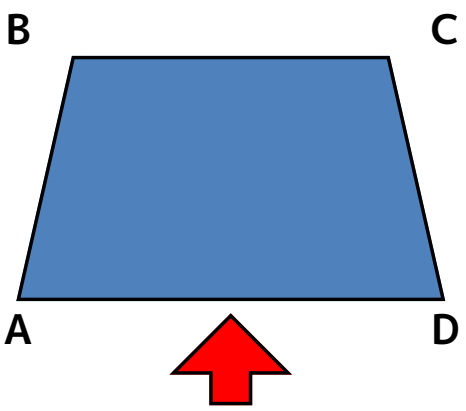
Standard	Extended	Value	Function
			Reset
		80-84	Fixture
		85-87	Pan Tilt
		88-90	Color
		91-93	Gobo
		94-96	Beam
		97-99	Other Features
			Refresh Rate (Hz)
		100	900
		101	910
		102	920
		103	930
		104	940
		105	950
		106	960
		107	970
		108	980
		109	990
		110	1000
		111	1010
		112	1020
		113	1030
		114	1040
		115	1050
27	38	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
		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
27	38	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



Fixture Point of View

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" were as 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 correct 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

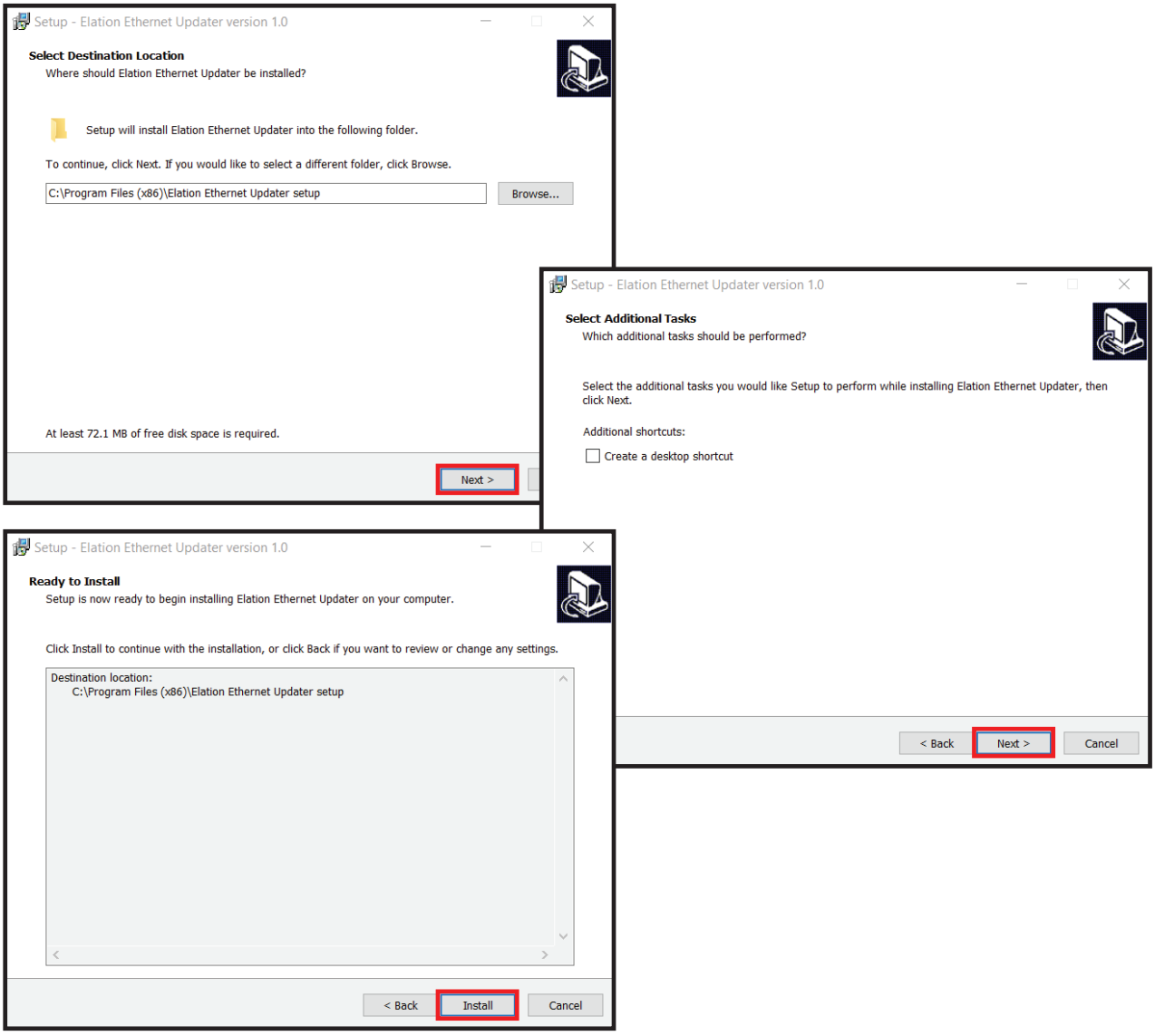
Software updates for this fixture can be performed using the Elation Ethernet Updater. Contact Elation Service to obtain this updater device:

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

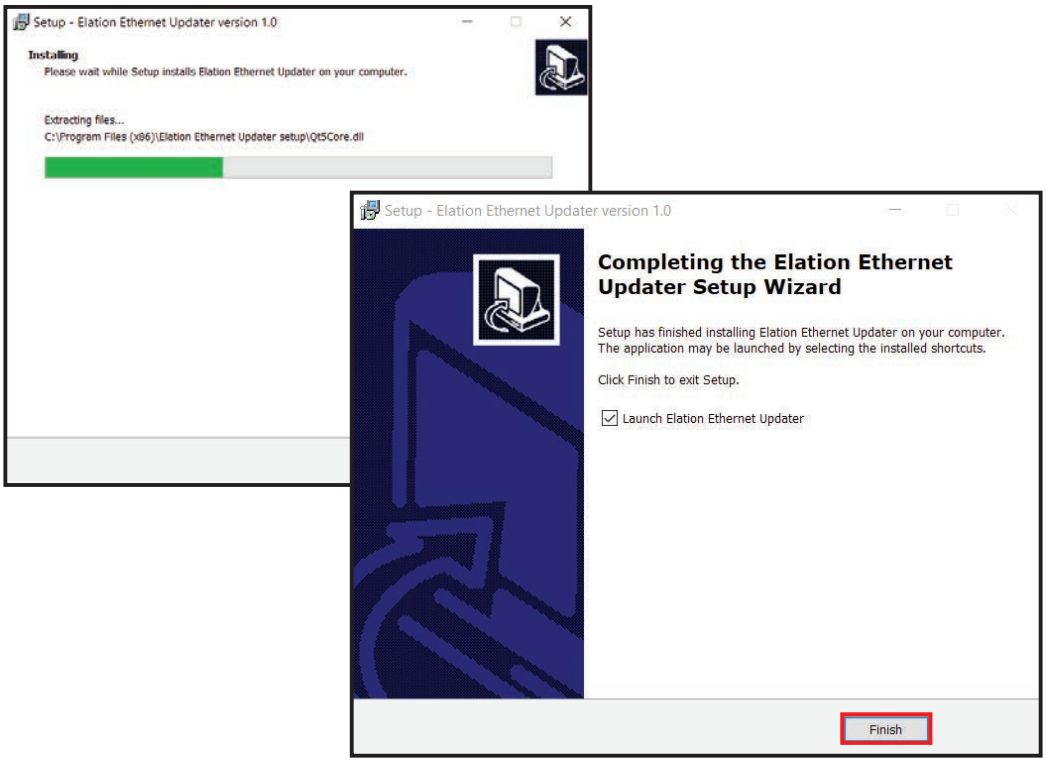
ELATION SERVICE EUROPE - Monday - Friday 08:30 to 17:00 CET
+31 45 546 85 63 | support@elationlighting.eu

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



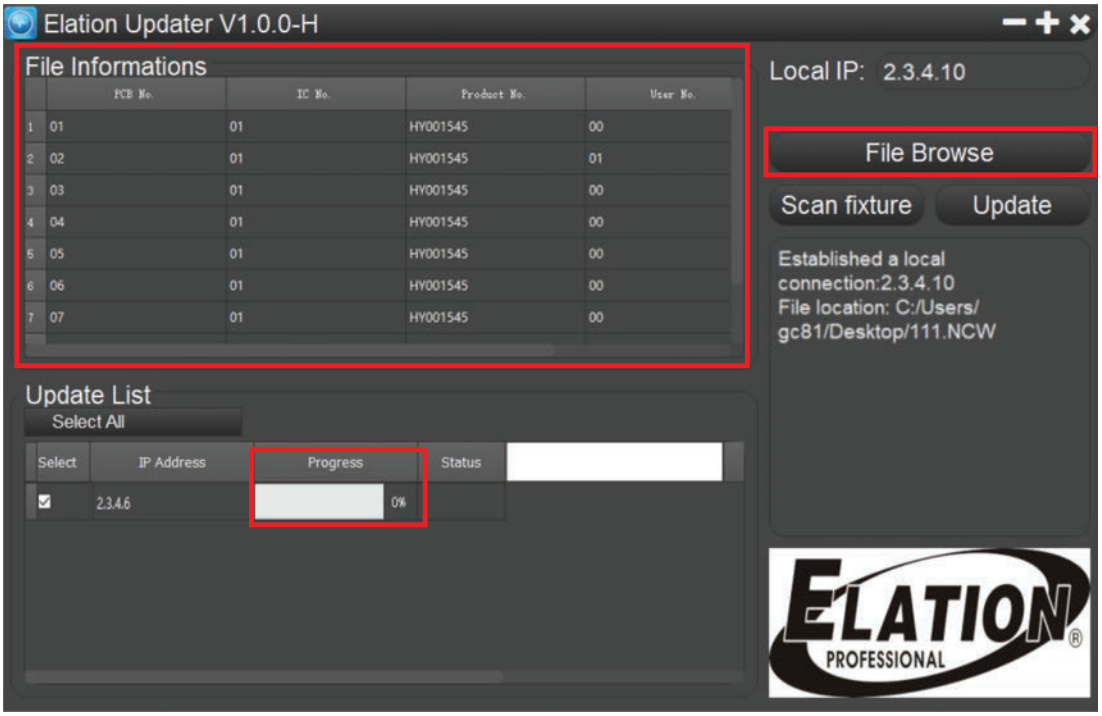
Once you have installed the Elation Ethernet Updater, it will launch automatically (unless you unchecked “Launch Elation Ethernet Updater”), or you can open it any time by clicking on the icon.

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.

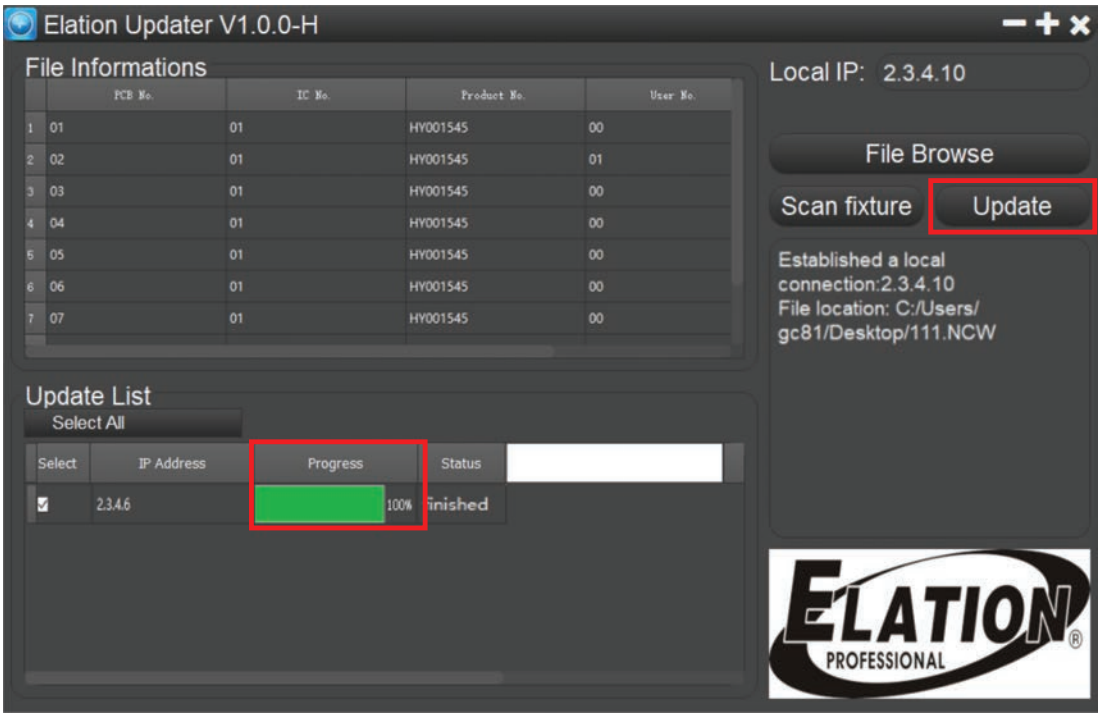
Click “File Browse” to select the files you want to download. The download Progress is displayed in the File information chart as a percentage bar graph.



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
26 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

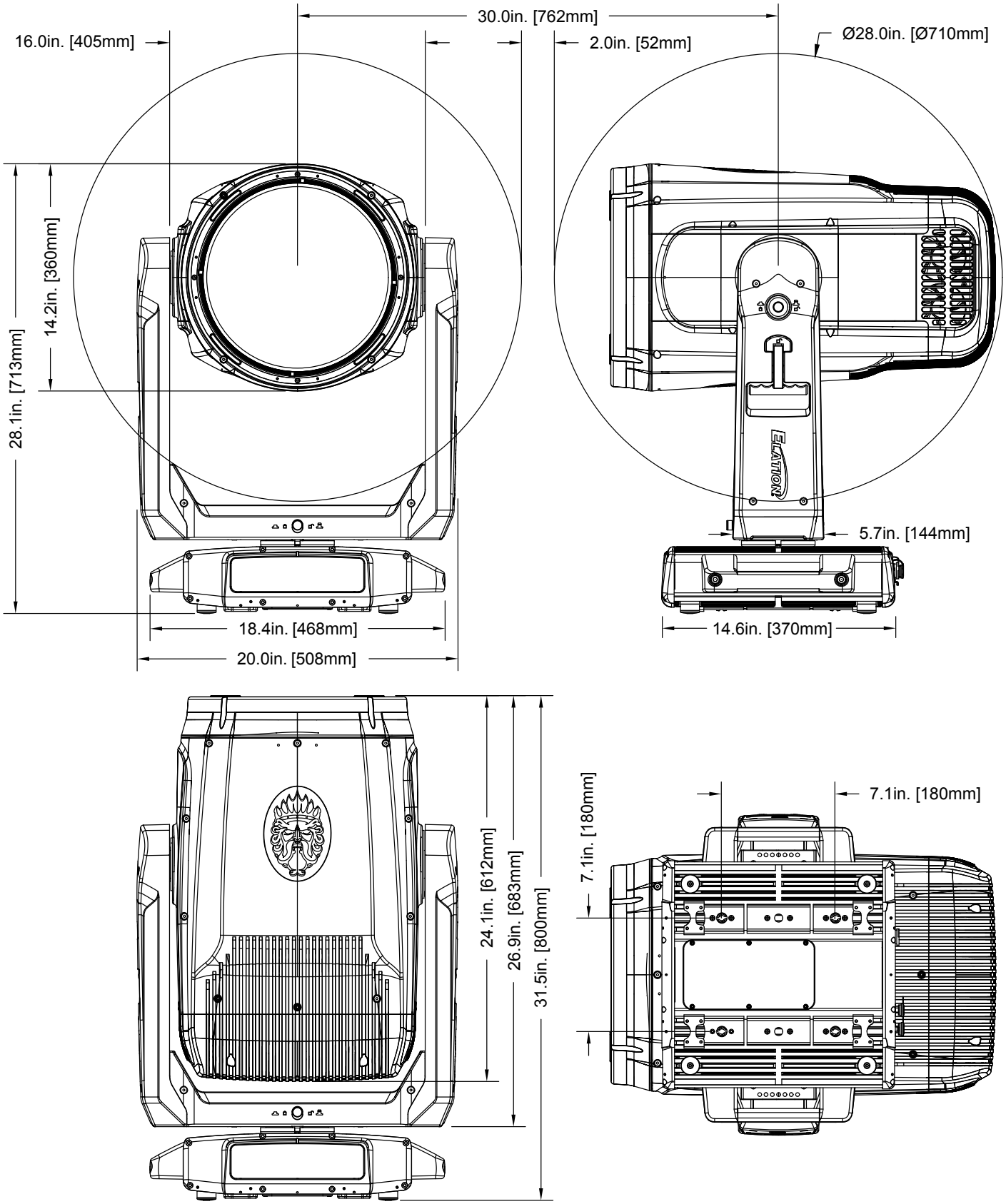
SIZE / WEIGHT (approx.)
Length: 14.6” (370mm)
Width: 20” (508mm)
Height: 31.5” (800mm)
Weight: 124.1 lbs. (56.3kg)

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

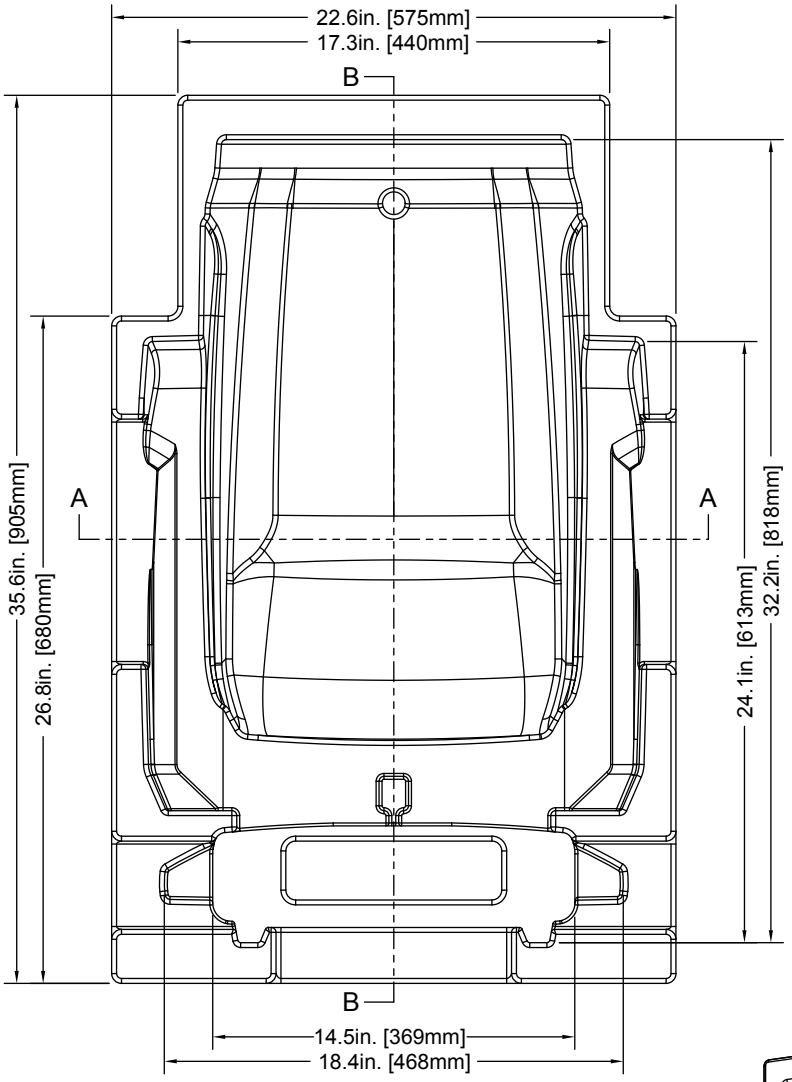
DIMENSIONAL DRAWINGS

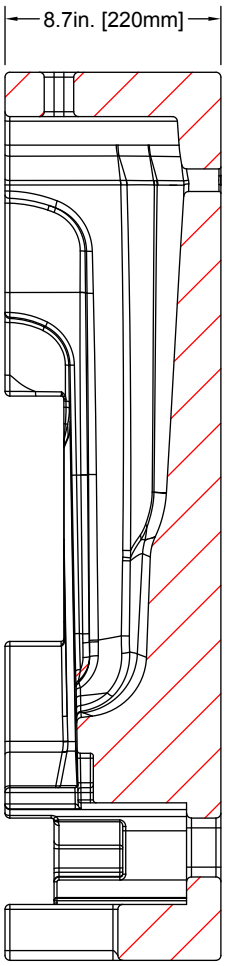
DRAWINGS NOT TO SCALE



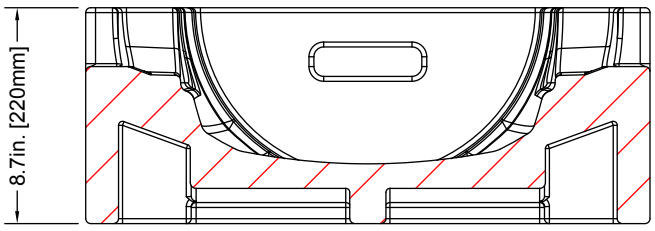
DIMENSIONAL DRAWINGS

DRAWINGS NOT TO SCALE

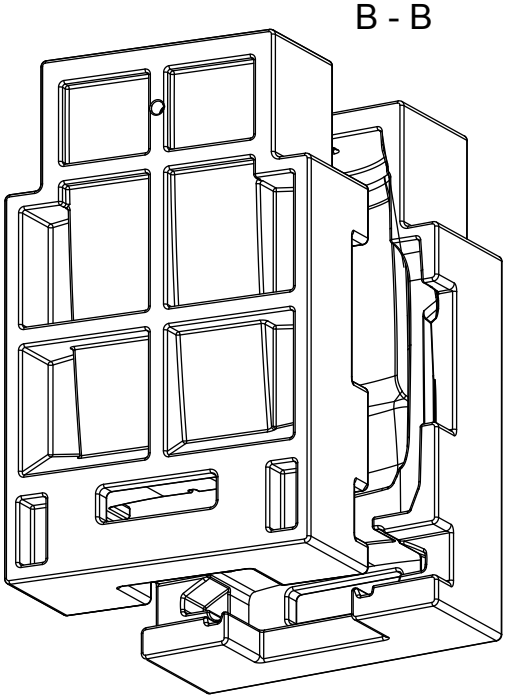




B - B



A - A



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 deter- mined 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!