ELATION®

SOL IV BLINDER

user manual

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DOCUMENT VERSION

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

Date	Document Version	Software Version	DMX Channel Mode	Notes
09/26/24	1.0	1.02	1/2/4/2/4/8/3/5/9/4/8/16/6/12/24/8/10/16/40/69/28/45/28/45 Ch	Initial Release
11/25/24	1.1	N/C	1/2/4/2/4/8/3/5/9/4/8/16/6/12/24/7/10/16/40/69/28/45/28/45 Ch	Updated RDM, System Menu, DMX Traits, Specifications, Dimensional Drawings
01/06/25	1.2	N/C	No Change	Updated Specifications
11/26/25	1.3	N/C	No Change	Updated General Info, Dimensional Drawings; Added Aria Setup and Guidelines
04/06/26	1.4	N/C	No Change	Updated: Installation Guidelines, Specifications

CONTENTS

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
Frost Filter
Concentric Ring
Snoot

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.

IP65 RATED

The International Protection (IP) rating system is commonly expressed as "**IP**" (Ingress Protection) followed by two numbers (i.e. IP65), 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 **IP65** rated lighting fixture is designed and tested to protect against the ingress of dust (**6**), and low-pressure water jets from any direction (**5**).

NOTE: THIS FIXTURE IS INTENDED FOR TEMPORARY OUTDOOR USE ONLY!

Maritime/Coastal Environment Installations: A coastal environment is seaside adjacent, and caustic to electronics through exposure to atomized salt-water and humidity, whereas maritime is anywhere within 5-miles of a coastal environment.

NOT suitable for maritime/coastal environment installations. Installing this fixture in a maritime/coastal environment may cause corrosion and/or excessive wear to the interior and/or exterior components of the fixture. Damages and/or performance issues resulting from installation in a maritime/coastal environment will void the manufactures warranty, and will NOT be subject to any warranty claims and/or repairs.

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. A waterproof dome or similar device is recommended for use in permanent outdoor installations. When using a dome, refer to manufacturer recommendations for duty-cycle.

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

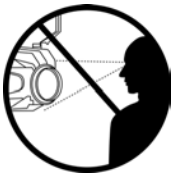
This fixture is a sophisticated piece of electronic equipment. To guarantee smooth operation, it is important to follow all instructions and guidelines in this manual. Elation Professional is not responsible for injury and/or damages resulting from the misuse of this fixture due to the disregard of the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

PROTECTION CLASS 1 - FIXTURE MUST BE PROPERLY GROUNDED.

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

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

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



NEVER LOOK DIRECTLY INTO THE LIGHT SOURCE!
RETINA INJURY RISK - MAY INDUCE BLINDNESS!
SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK!

FIXTURE SHOULD BE PLACED A MINIMUM OF 1.0 FOOT (0.3 METERS) FROM ANY NEARLY OBJECTS OR SURFACES.
FIXTURE SHOULD BE PLACED A MINIMUM OF 1.6 FEET (0.5 METERS) FROM ANY FLAMMABLE MATERIALS.
MAXIMUM AMBIENT OPERATING TEMPERATURE IS 154°F (68°C)

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.

Allow approx. 6" (15cm) between fixture and other devices or a wall for proper cooling.

Always disconnect fixture from main power source before performing any type of service 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 fixture will function properly for many years.

ONLY use the original packaging and materials to transport the fixture in for service.

It is strongly recommended to power the fixture down completely when not in use. Doing so will reduce wear on the fixture due to sustained or extended operational periods, thereby maximizing its operational lifespan.

WIND FORCE PRECAUTIONS

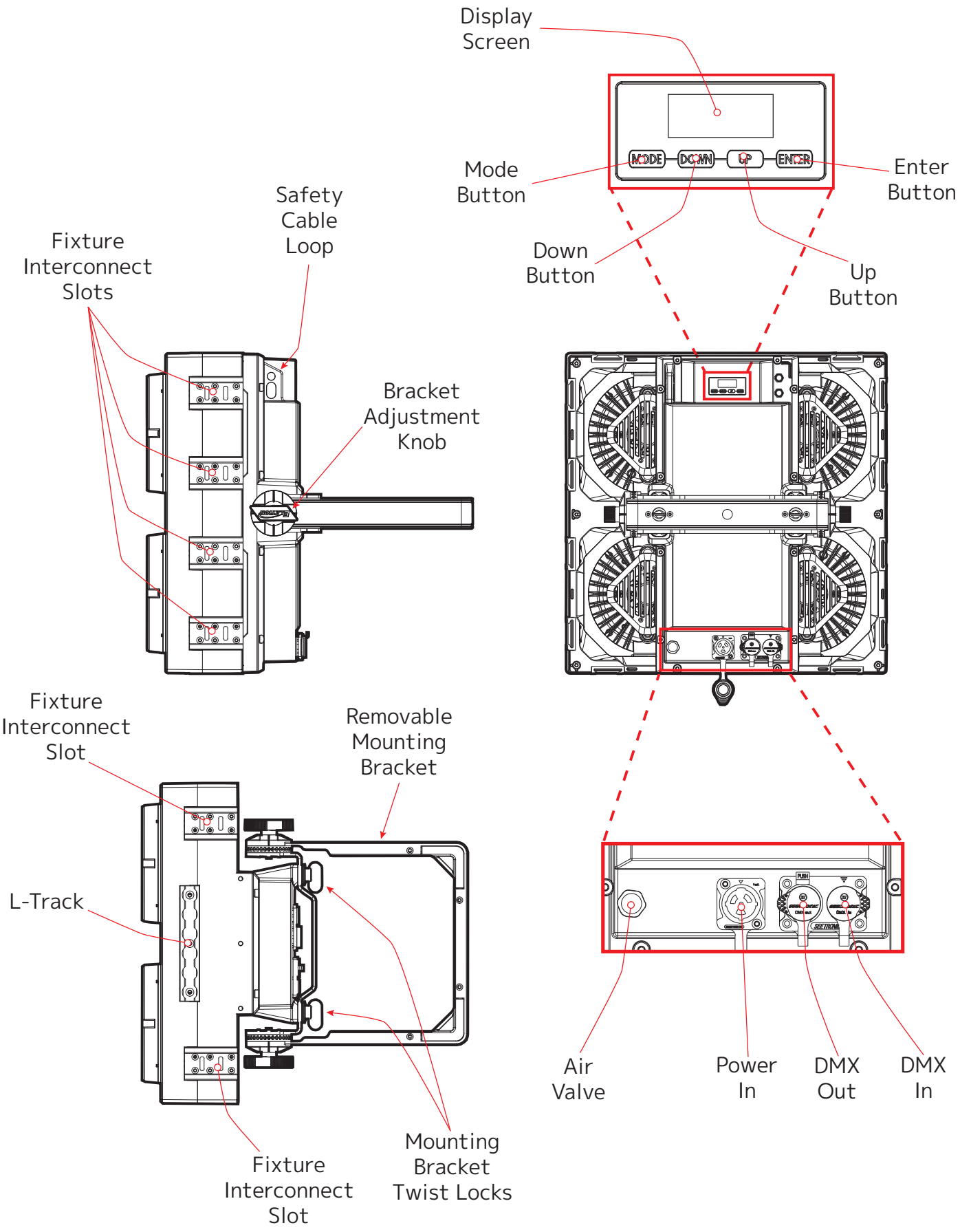
Wind can pose a significant risk of serious injury or even fatality due to falling fixtures. To mitigate these risks when installing fixtures in areas exposed to wind force, consider the following precautions:

Adhere to all local laws, regulations, and codes concerning safety structures and installations.

Ensure fixtures are suspended from a structure capable of securely holding them without any safety concerns when multiple fixtures are subjected to wind pressure.

If a vertical column, array, or shape consisting of multiple fixtures is exposed to wind force, firmly fasten the arrangement to a stable and secure structure at the lowest anchoring point. Use a half coupler, interlock adapter, or safety cable to prevent lateral movement and ensure the structure's integrity.

OVERVIEW


Display Screen
Mode Button
Enter Button
Down Button
Up Button
MODE
DOWN
UP
ENTER
Safety Cable Loop
Fixture Interconnect Slots
Bracket Adjustment Knob
Fixture Interconnect Slot
Removable Mounting Bracket
L-Track
Fixture Interconnect Slot
Mounting Bracket Twist Locks
Air Valve
Power In
DMX Out
DMX In

TORQUE SETTINGS FOR SCREWS

IN ORDER TO MAINTAIN THE IP65 RATING ON THE LIGHTING FIXTURES, ALL SCREWS MUST BE TIGHTENED TO THE FOLLOWING TORQUE SPECIFICATION USING A TORQUE DRIVER.

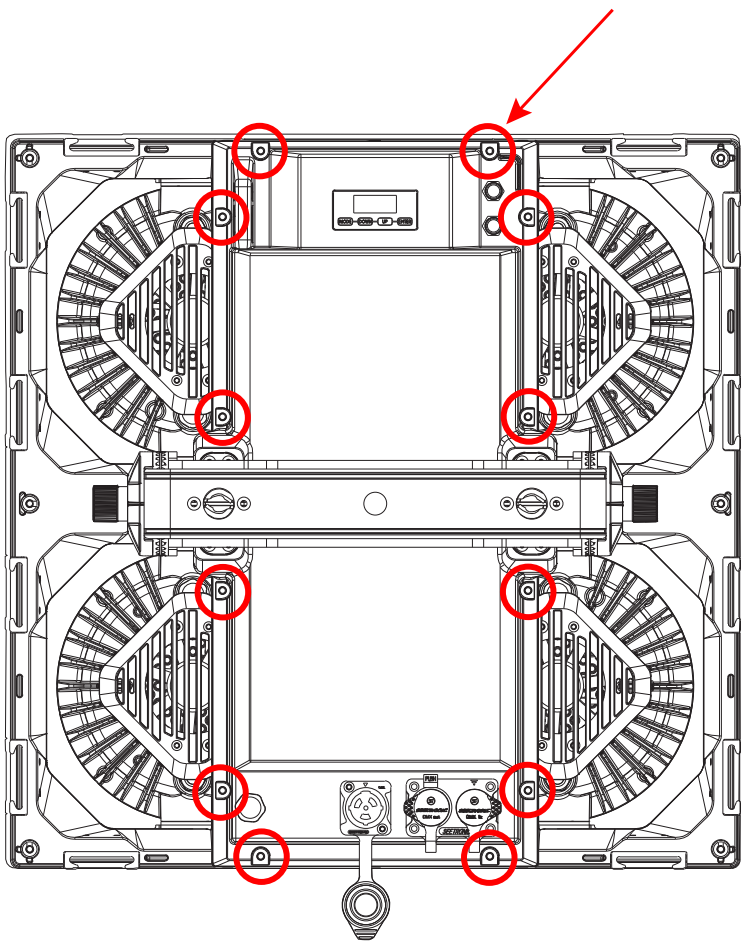
Refer to the table and diagram below for torque specifications.

TORQUE DRIVERS (Recommended): UTICA TS-30 (shown)
ALTERNATE DRIVERS:

- Proto J6107A
- Wiha 28887

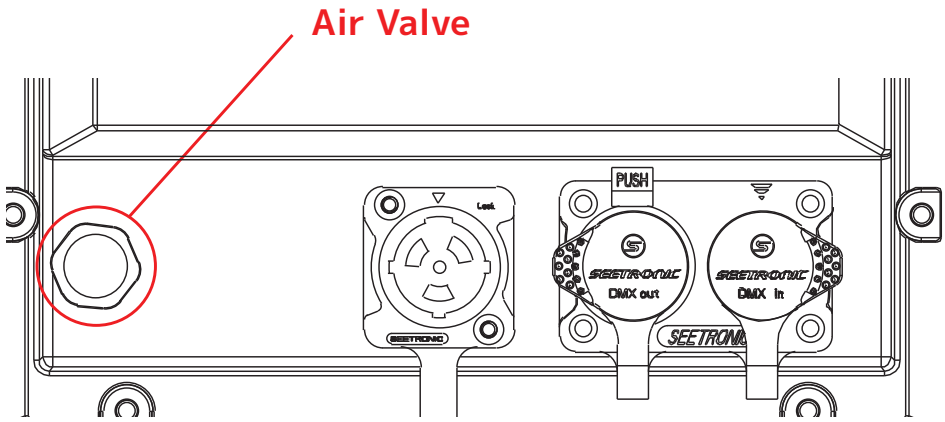
CAUTION! DO NOT OVER TORQUE SCREWS, AS THIS CAN CAUSE LEAKAGE ISSUES!

Rear Cover (x12)
11.3 ± 0.4 lb-in
(13.0 ± 0.5 kg-cm)



IP TEST PARAMETERS

Following any repair or maintenance procedure that requires disassembly of the fixture, use Elation's IP Tester to confirm the IP integrity of the fixture. This fixture has two air valves: one on the back of the head behind the rear head cover, and a second on the base beneath the fuse. 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 CLOSE PROXIMITY TO THE FIXTURE'S LENS WHILE PERFORMING THE TEST!

DE-HUMIDIFICATION: IP65 fixtures operating in high-humidity environments may experience residual fogging or condensation. Such fogging will not damage the fixture, and can be removed using the following procedure: position the unit with the air valve pointing upwards, then open the air valves 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 that this procedure should be performed in a dry, air-conditioned environment. Avoid additional fogging by drying the fixture completely before placing into a road case.

IP PRESSURE TESTING PARAMETERS					
Low Pressure Limit	**High Pressure Limit**	**Inflation Time**	**Equilibrium Time**	**Detection Time**	**Acceptable Leakage**
2.901 psi (20.0 KPa)	3.336 psi (23.0 KPa)	30 sec	15 sec	15 sec	0.015 psi (0.1 KPa) (100 Pa)

INSTALLATION GUIDELINES

FLAMMABLE MATERIAL WARNING
Keep fixture minimum 3.3 feet (1m) away from flammable materials and/or pyrotechnics.

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

MINIMUM DISTANCE TO OBJECTS/SURFACES IS 3.3 FEET (1 METER)

MAXIMUM AMBIENT TEMPERATURE IS 154° F (68°C)

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

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

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

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

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

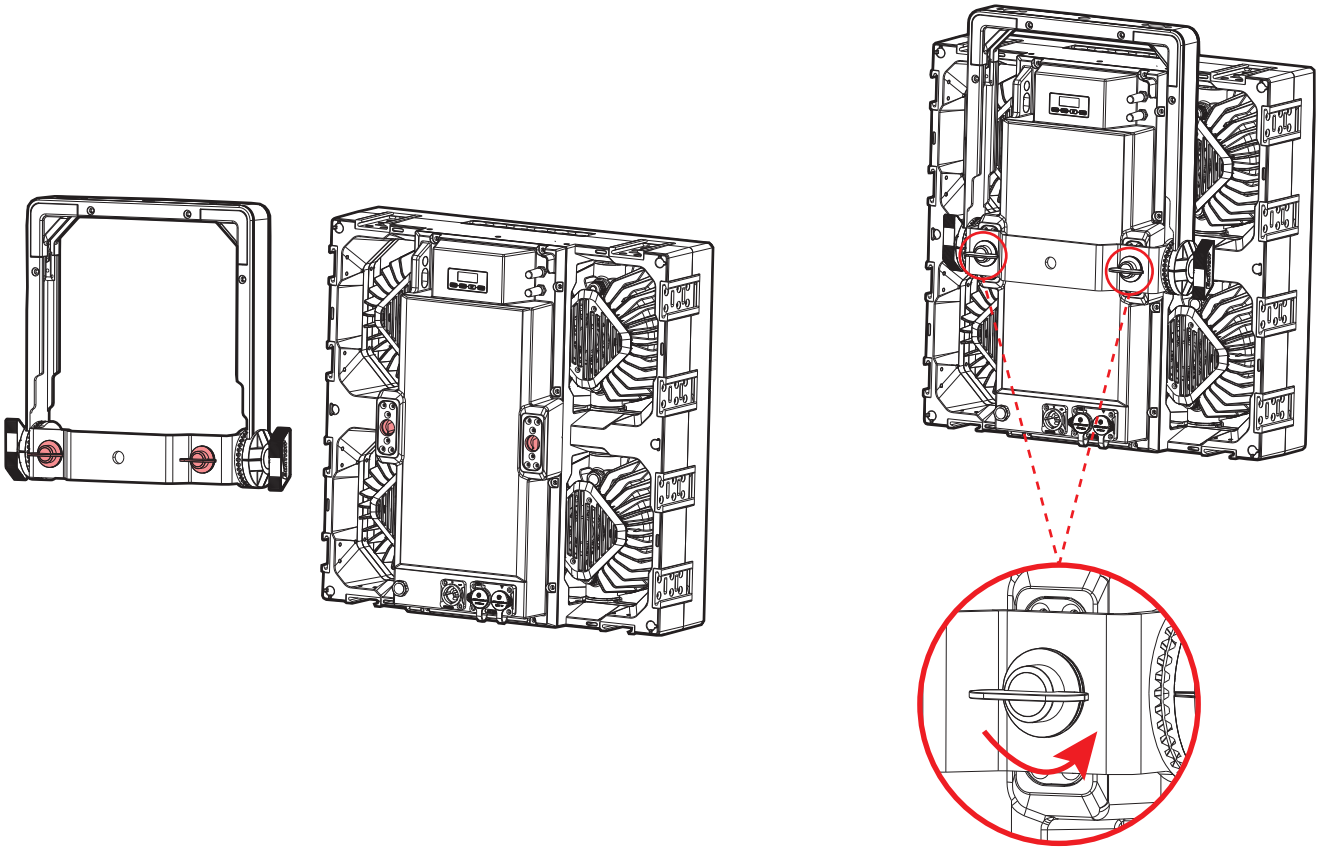
Overhead fixture installation must always be secured with a secondary safety attachment, such as an appropriately rated safety cable.

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

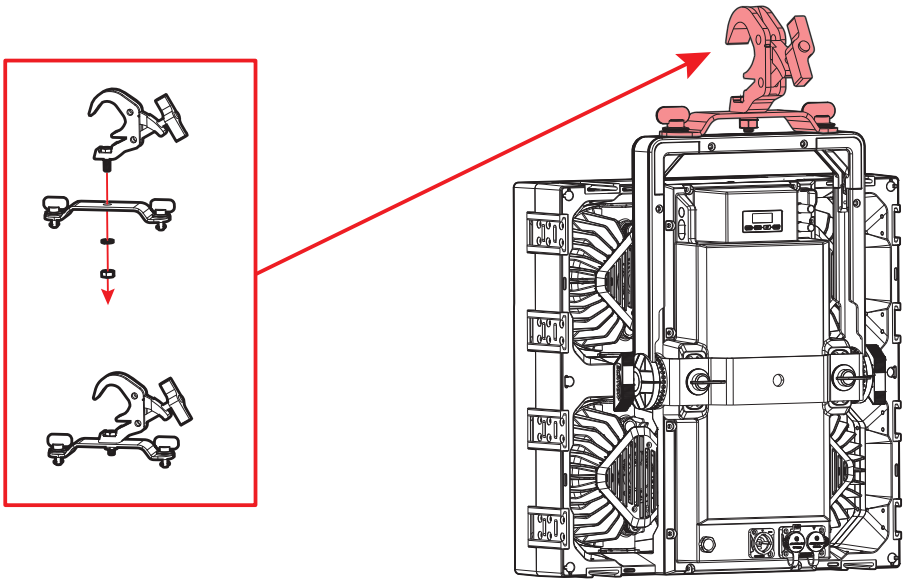
INSTALLATION GUIDELINES

CLAMP INSTALLATION

This device features a detachable bracket assembly with mounting points for an Omega bracket built into the top of the bracket. To install the bracket assembly, insert the two twist-lock fasteners on the bracket assembly into the two mounting holes on the rear of the unit, then twist the fasteners to secure in place.



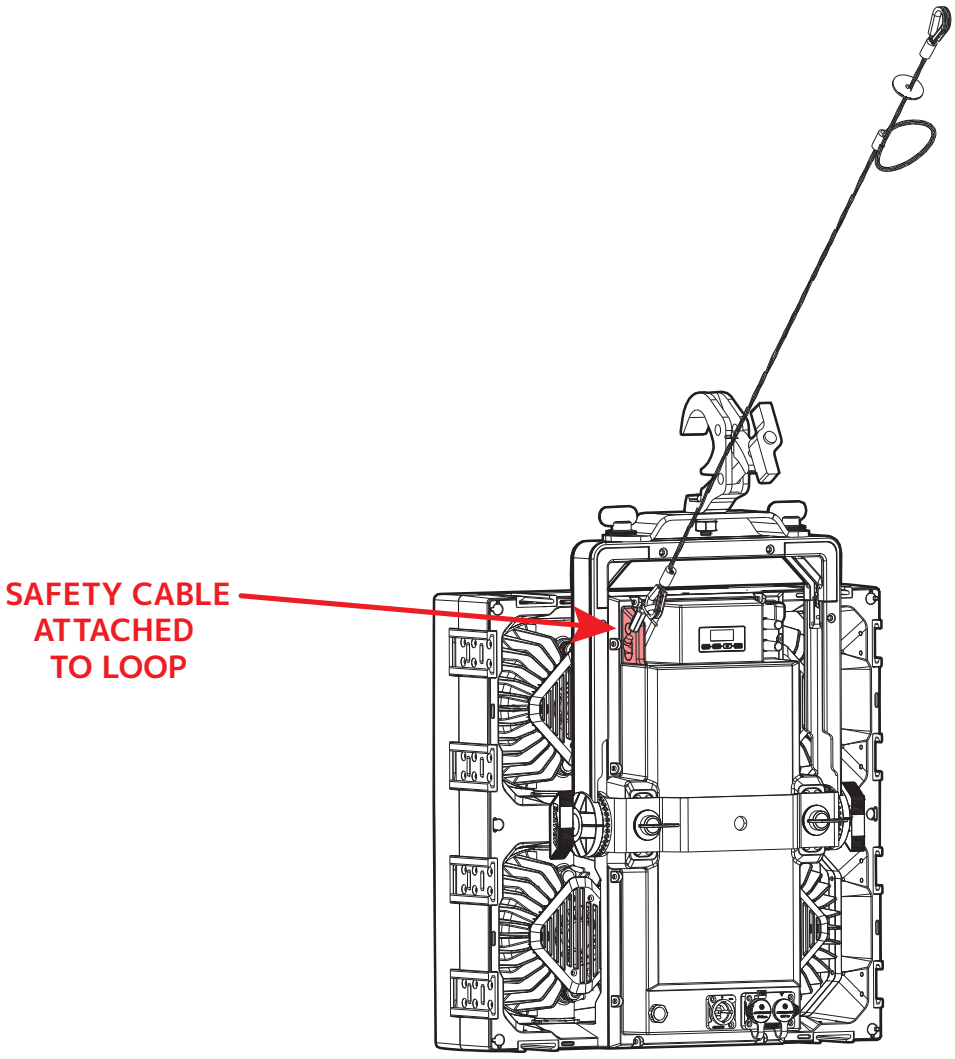
Next, use an appropriately rated bolt and nut to secure a mounting clamp to the Omega bracket. Insert the two twist-lock fasteners on the Omega bracket into the mounting holes on the top of the mounting bracket, then twist the fasteners to secure in place.



INSTALLATION GUIDELINES

SAFETY CABLE

A safety cable to the appropriate weight rating **MUST** be secured to the designated attachment point to the left of the display screen.



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

IF THE FIXTURES ARE PART OF A LARGER ARRAY, ATTACH A SAFETY CABLE TO THE SAFETY CABLE ATTACHMENT POINT ON THE BACK OF EACH FIXTURE. FOR RIGGING PURPOSES, SECURE THE TOP SAFETY CABLE TO A FIXED POINT AND LOOP EACH SUBSEQUENT SAFETY CABLE THROUGH THE ONE ABOVE IT.

MOUNTING THE FIXTURE ON A TRUSS USING CLAMPS WITH OMEGA BRACKETS

When mounting the fixture to a truss, be sure to secure an appropriately rated professional grade rigging clamp to the included **Omega Brackets** using an M10 or M12 screw fitted through the center hole of the **Omega Brackets**. The fixture provides a built-in rigging point for a **SAFETY CABLE** (not included). Be sure to use the designated rigging points for the safety cable and never secure a safety cable to a carrying handle.

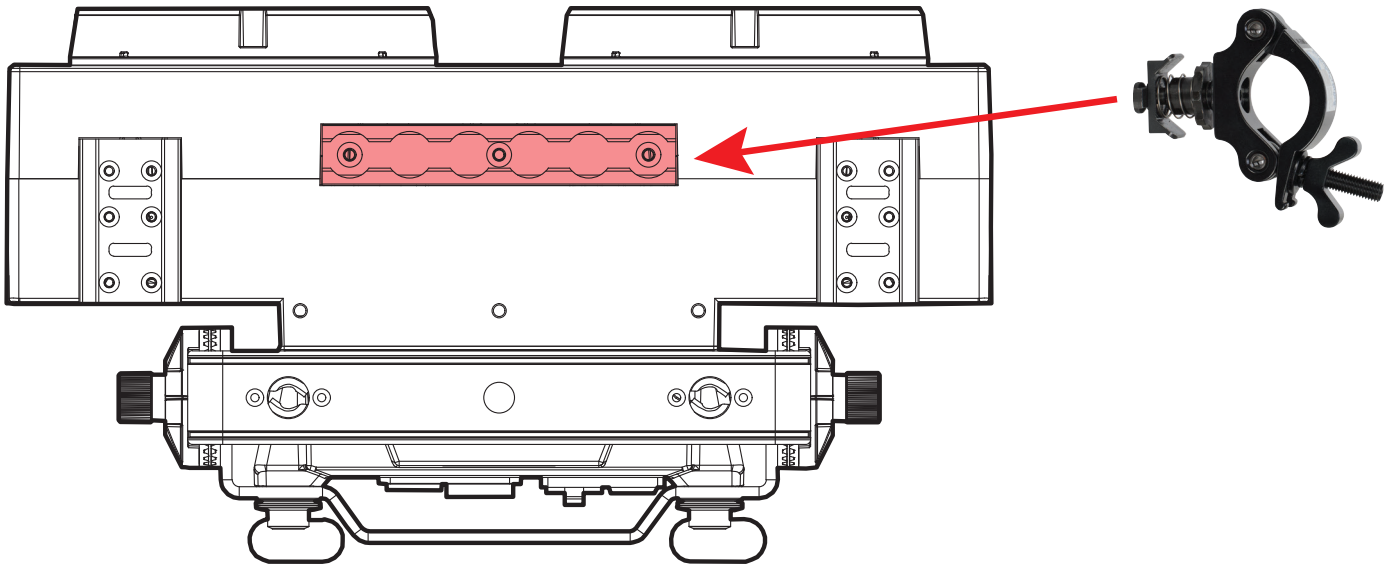
INSTALLATION GUIDELINES

L-TRACK MOUNTING

The L-track mounting system enables the user to slide the mounting clamps along the tracks and secure them in the desired position. The L-tracks are situated on the top and bottom surfaces of the fixture. Special L-track mounting clamps, which feature an L-track attachment rail instead of a mounting bolt hole, are available in both standard and extended lengths. Similarly, L-track adapters are also available, which can be fitted to any standard mounting clamp.

To attach an L-track clamp or adapter, simply insert the attachment rail into the matching track on the fixture, slide it to the desired location, and tighten the fastener knob on the attachment to ensure it is securely in place.

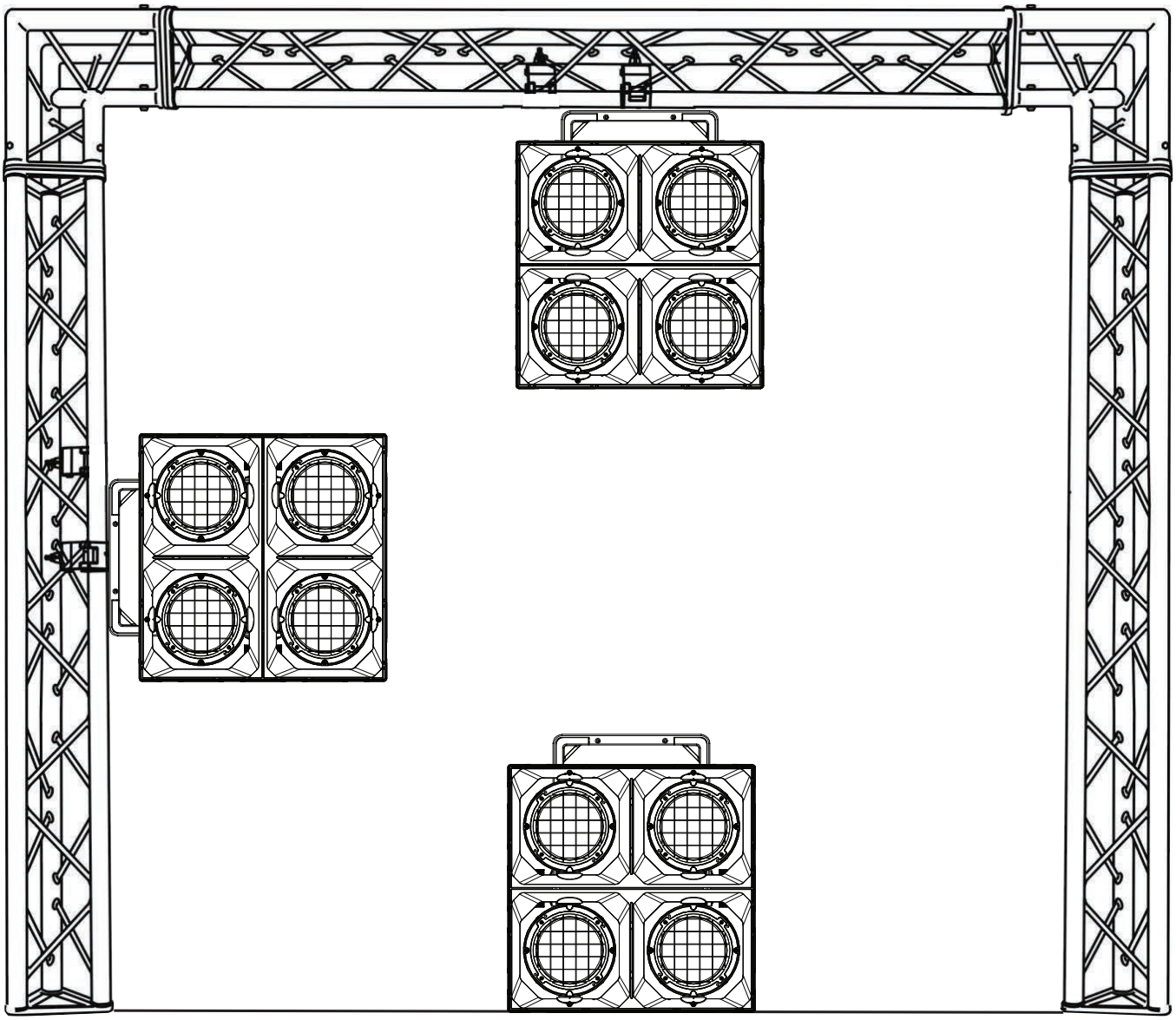
When utilizing the L-track for rigging, the maximum capacity is 4 fixtures, or 187 lbs (84.82 kg) in any orientation.



INSTALLATION GUIDELINES

FIXTURE INSTALLATION

This fixture is fully operational in three different mounting positions: hanging upside-down, mounted sideways on trussing, or set on a flat level surface. Always use and install the supplied safety cable as a safety measure to prevent accidental damage and/or injury in the event the clamp fails.



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

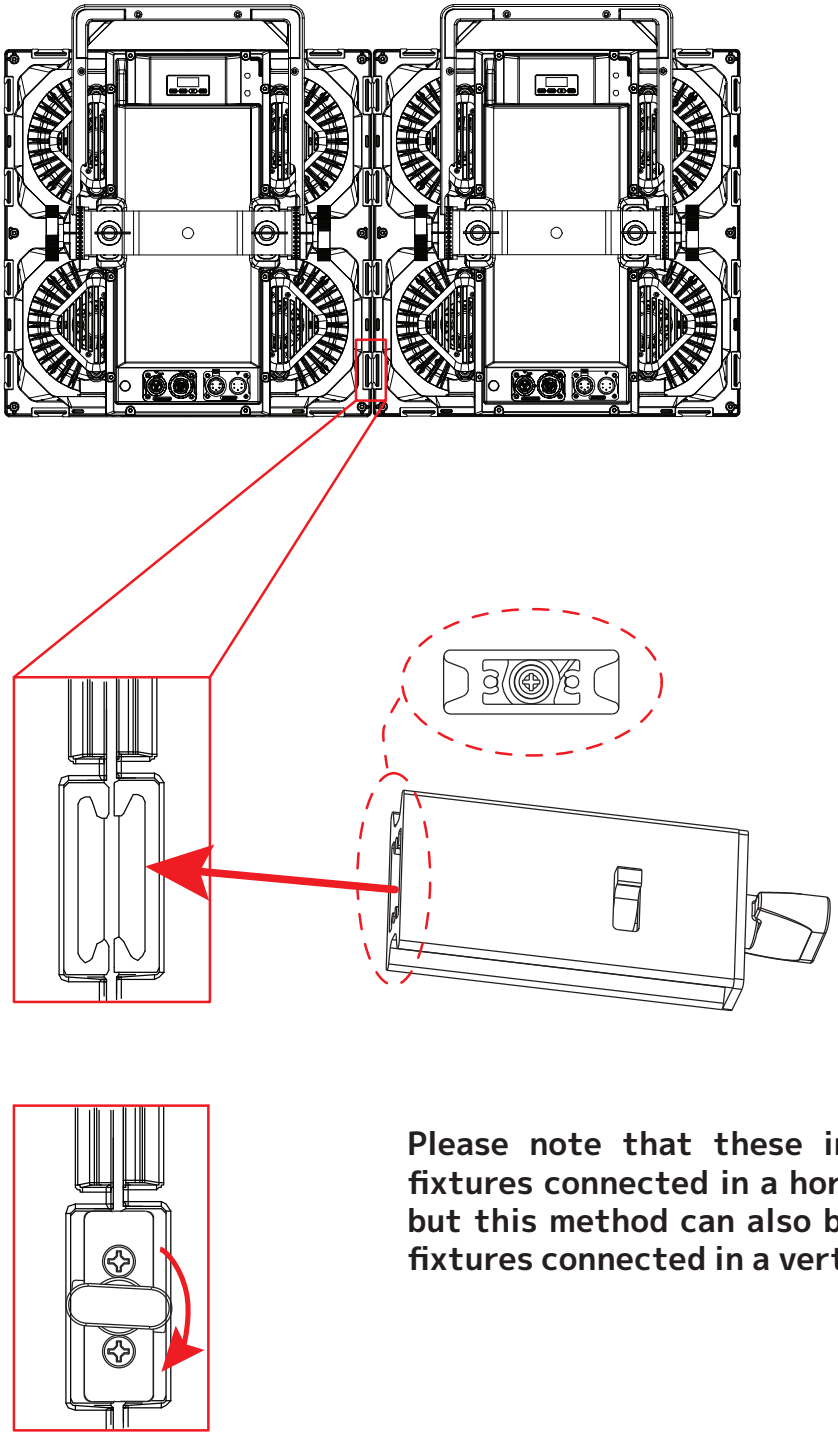
ALWAYS ATTACH A SAFETY CABLE WHENEVER INSTALLING THIS FIXTURE IN A SUSPENDED ENVIRONMENT TO ENSURE THE FIXTURE WILL NOT FALL IF THE CLAMP FAILS.

INSTALLATION GUIDELINES

FIXTURE INTERCONNECTIONS

Individual fixtures can be physically linked together using the Fixture Interconnect Slots located along the top, bottom, and sides of the fixture, in conjunction with included Fixture Interconnect Splices.

Begin by positioning the fixtures so that the Fixture Interconnect Slots are placed side by side. Insert the Fixture Interconnect Splice into the aperture created by the two Fixture Interconnect Slots, with one half of the Fixture Interconnect Splice inserted into each Fixture Interconnect Slot. Turn the knob on the Fixture Interconnect Splice to lock in place. Please refer to the illustrations below.



Please note that these images show fixtures connected in a horizontal row, but this method can also be applied to fixtures connected in a vertical column.

INSTALLATION GUIDELINES

ARRAY LIMITATIONS

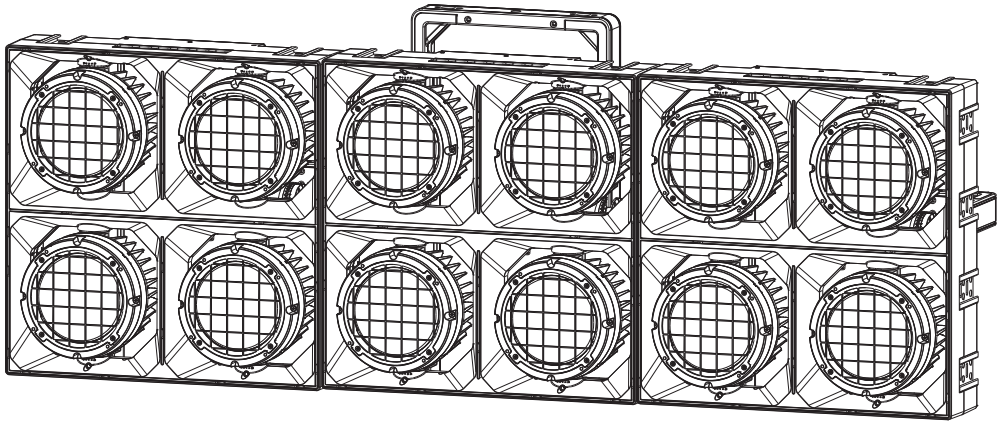
ATTENTION! It is crucial to ensure that any arrangement consisting of multiple interconnected fixtures, whether in a vertical, horizontal, or shaped configuration, is securely and properly supported and fixed to prevent any movement that may arise from lateral forces, such as wind or physical contact with a person or other object.

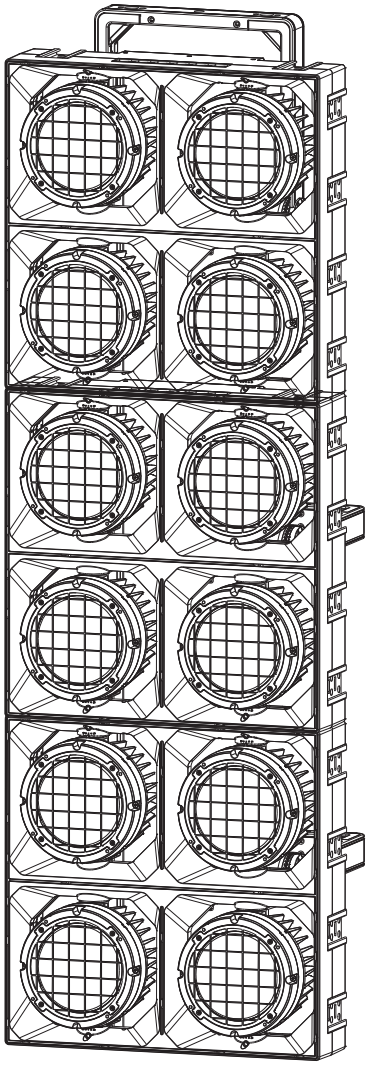
Due to limitations on the amount of weight that the Removable Mounting Bracket can support, the maximum number of fixtures that can be suspended from a single point of support is as follows:

- **3 fixtures total in either a horizontally or vertically linked configuration**
- **Maximum array weight of 151 lbs (68.5 kg), including fixtures and accessories.**

If the design of the array configuration exceeds the limits described above, additional supports will be required.

Please note that two Fixture Interconnect Splices are needed at each junction between vertically connected fixtures, or four Fixture Interconnect Splices at each junction between horizontally linked fixtures, in order to link them in a safe and secure manner. Avoid transporting assembled arrays while hanging or suspended.





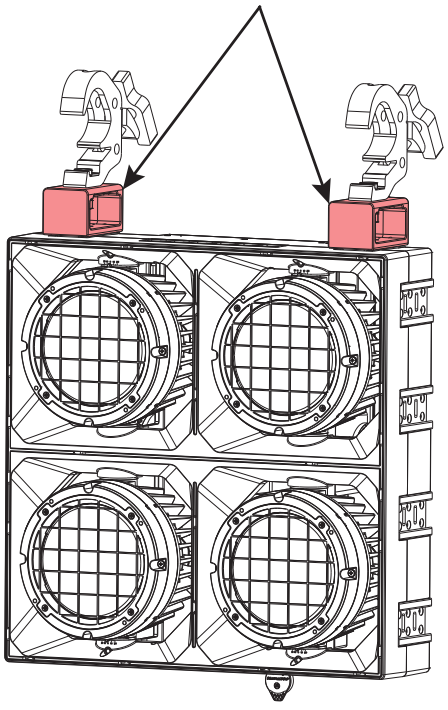
INSTALLATION GUIDELINES

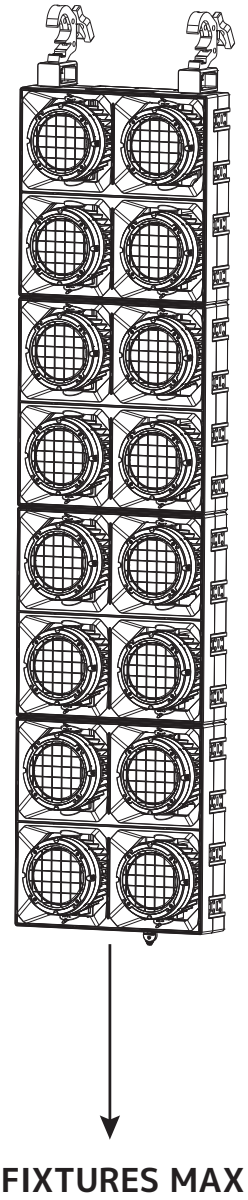
ARRAY LIMITATIONS

Interconnect Clamp Adapters can be used to increase the maximum number of fixtures that can be suspended from the single point. To use these adapters, begin by removing the yokes from the fixtures, as they will no longer be needed for mounting. Align the hole on the mounting clamp with the hole on the top of the adapter, then insert a bolt of the appropriate size through the hole and secure in place with a matching washer and bolt. Slide the entire clamp and adapter assembly into one of the interconnect slots on the top of the fixture. **Please note that two clamps and two adapters are required to mount this fixture securely.**

With the use of these Interconnect Clamp Adapters, the maximum number of fixtures that can be suspended from a single point is as follows:

- **8 fixtures total in a vertically linked configuration ONLY**
- **Maximum array weight of 322 lbs (146 kg), including fixtures and accessories.**

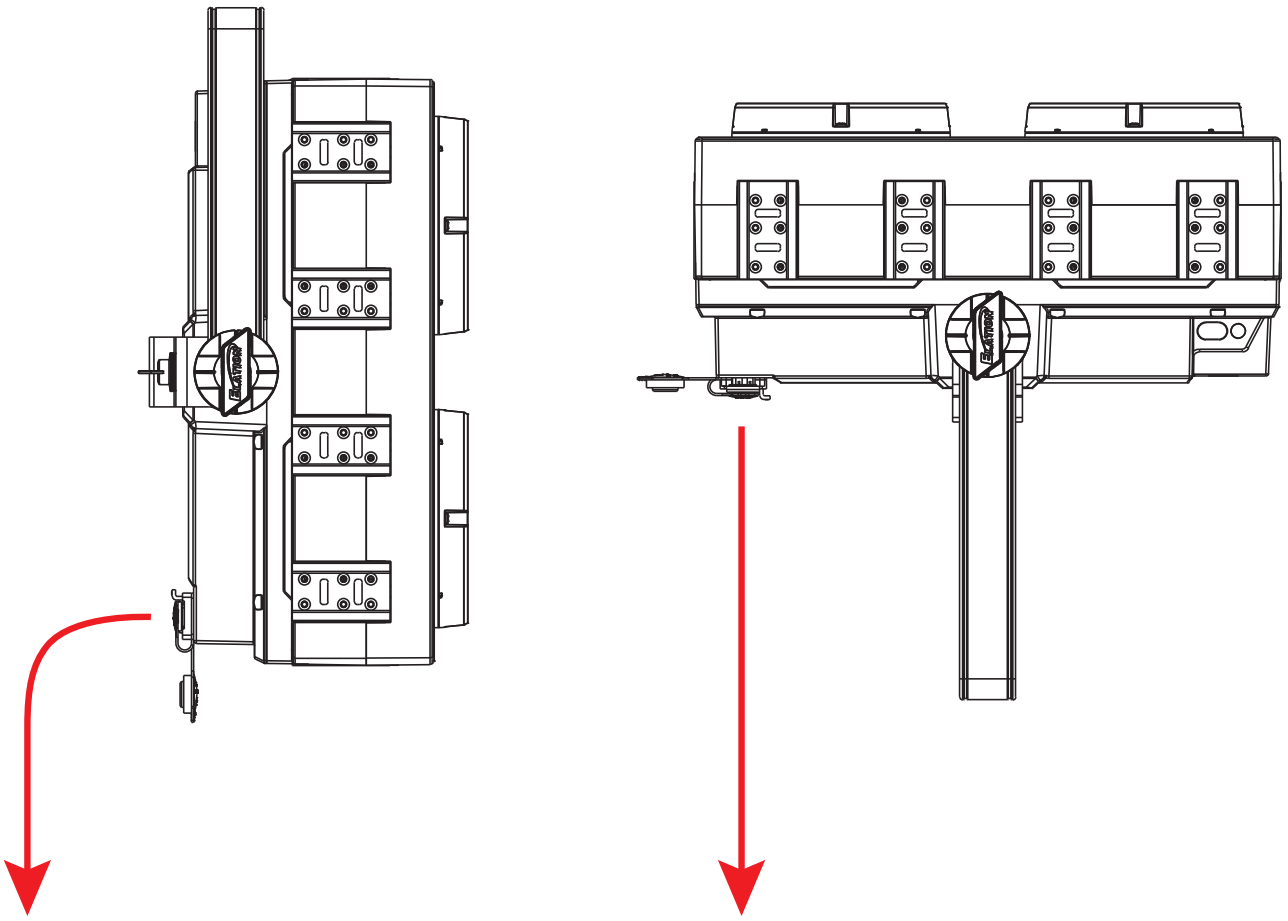




INSTALLATION GUIDELINES

POWER AND DATA CABLES

REGARDLESS OR FIXTURE ORIENTATION, TO MAINTAIN THE IP65 RATING INTEGRITY OF THE FIXTURE, ALL CABLES MUST BE ROUTED TOWARDS THE GROUND TO PREVENT WATER ACCUMULATION AROUND THE CONNECTIONS.



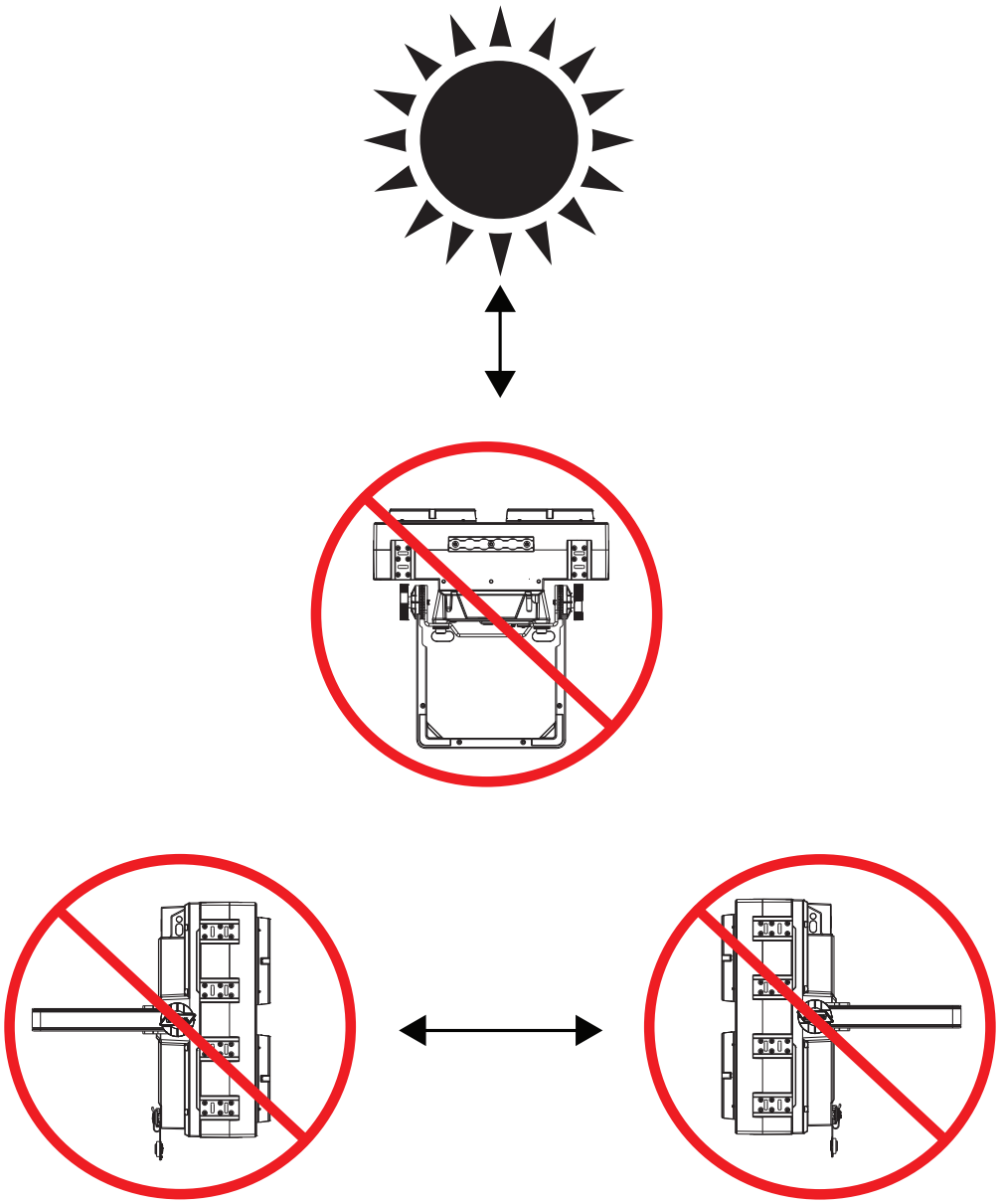
INSTALLATION GUIDELINES

POTENTIAL INTERNAL FIXTURE DAMAGE FROM EXTERNAL SOURCES OF LIGHT BEAMS

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

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

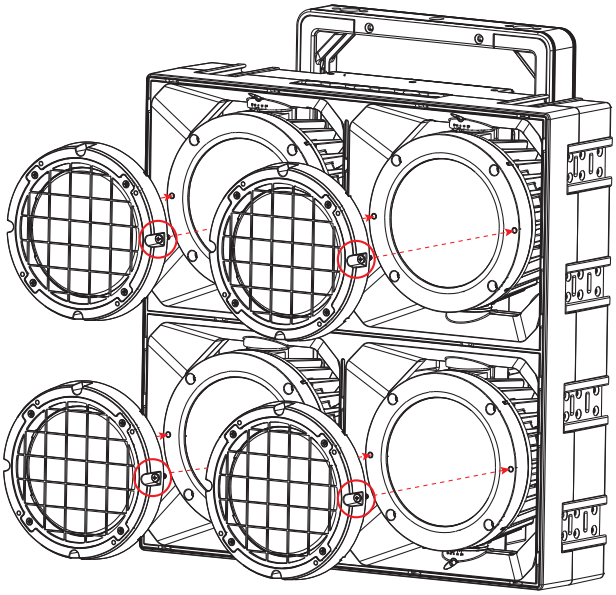
DO NOT EXPOSE THE FIXTURE AND/OR FRONT LENS OPENING TO LIGHT BEAMS FROM DIRECT SUNLIGHT, OTHER LIGHTING MOVING HEAD FIXTURES, AND LASERS WHILE UNPACKING, INSTALLATION, USE, AND EXTENDED IDLE TIMES OUTDOORS. DO NOT FOCUS A LIGHT BEAM FROM ONE LIGHTING FIXTURE DIRECTLY TOWARDS ANOTHER.

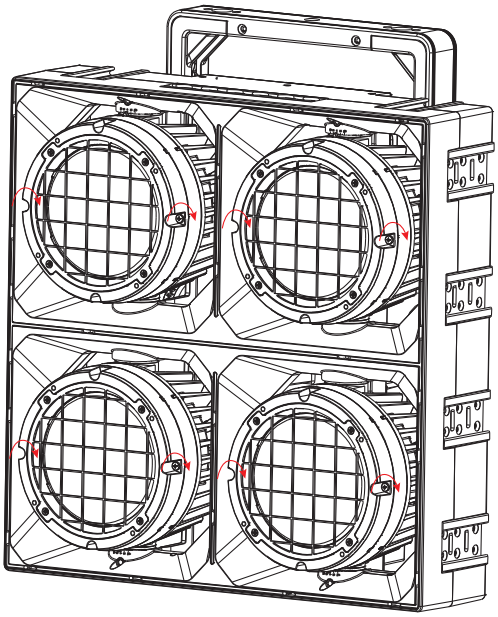


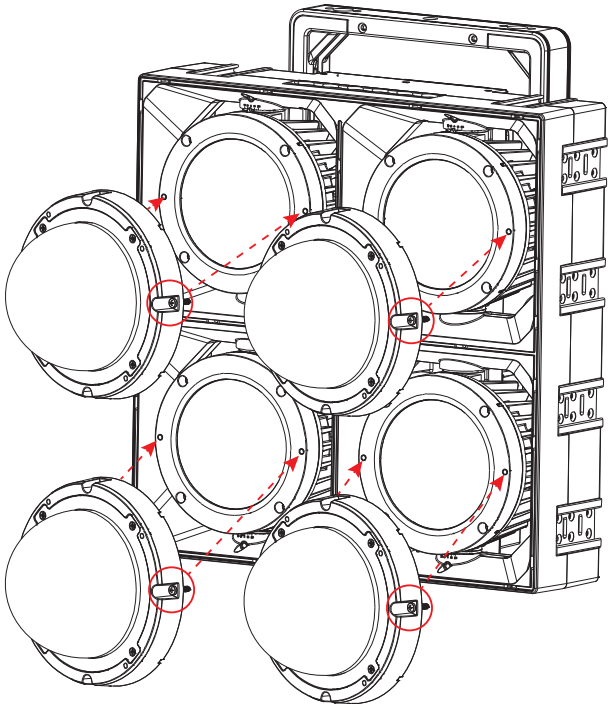
ACCESSORY INSTALLATION

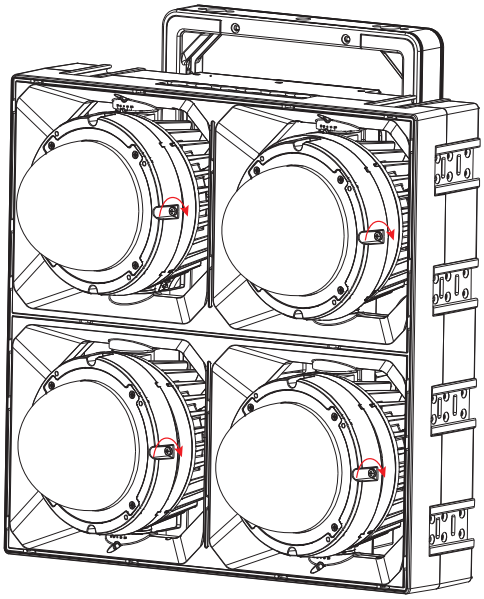
LENS KITS

Multiple optional lens kits are available for fitment to this fixture. To install a lens kit, simply align the mounting holes on the optional lens with the mounting holes on the fixture's lens frame, then insert two fasteners per lens and tighten to secure in place.





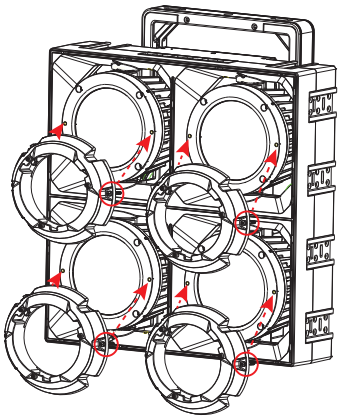


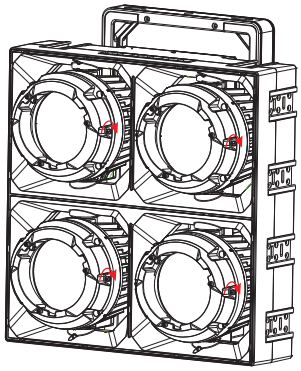


ACCESSORY INSTALLATION

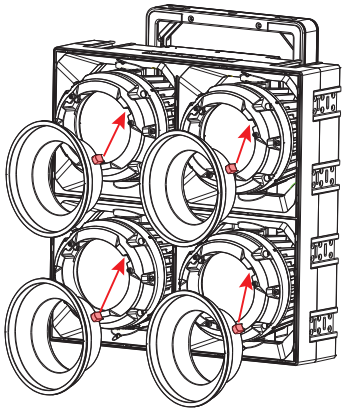
BOWENS ADAPTER ASSEMBLY (OPTIONAL)

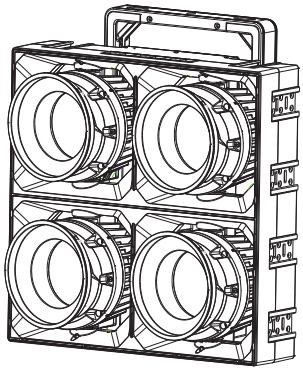
1. Locate the two main mounting holes on each Bowens adapter, which are easily identified by their recessed seats and the fact that they fully pass through the adapter. Align these mounting holes with the matching holes on the fixture's lens frame and secure with Phillips head screws.



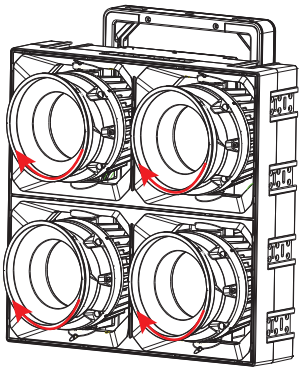


2. With the Bowens adapter secured in place, align the three tabs of the Bowens Mount Accessory with the three matching slots on the Bowens adapter and insert until fully seated.





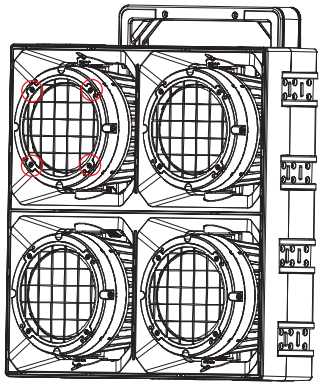
3. Twist the Bowens Mount Accessory clockwise until it locks into place.



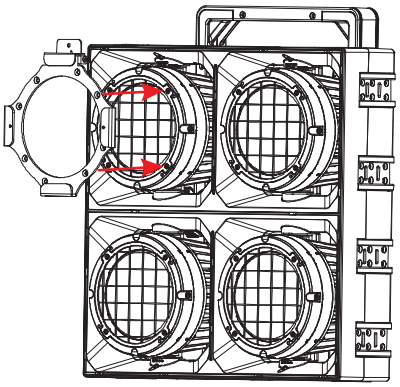
ACCESSORY INSTALLATION

GEL FRAME HOLDER

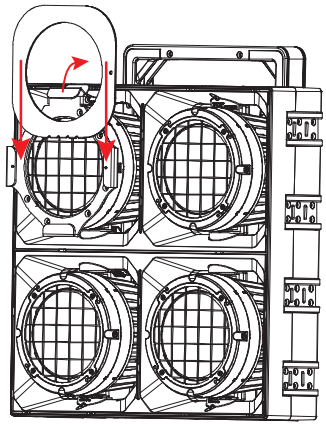
1. Locate the four flush-fitting gel frame holder mounting holes on each fixture lens frame. Remove the screws from these mounting holes.



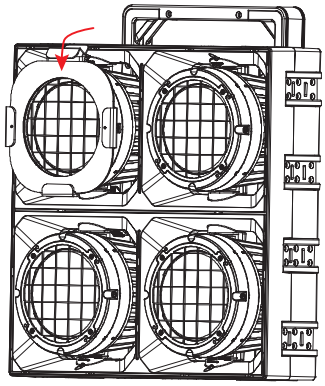
2. Align four of the mounting holes on the gel frame holder with the mounting holes on the fixture lens frame. Re-insert the screws removed in Step 1 and tighten to secure the gel frame holder in place.



3. Lift the latch located at the top of the gel frame holder, and insert a gel frame into the slot.



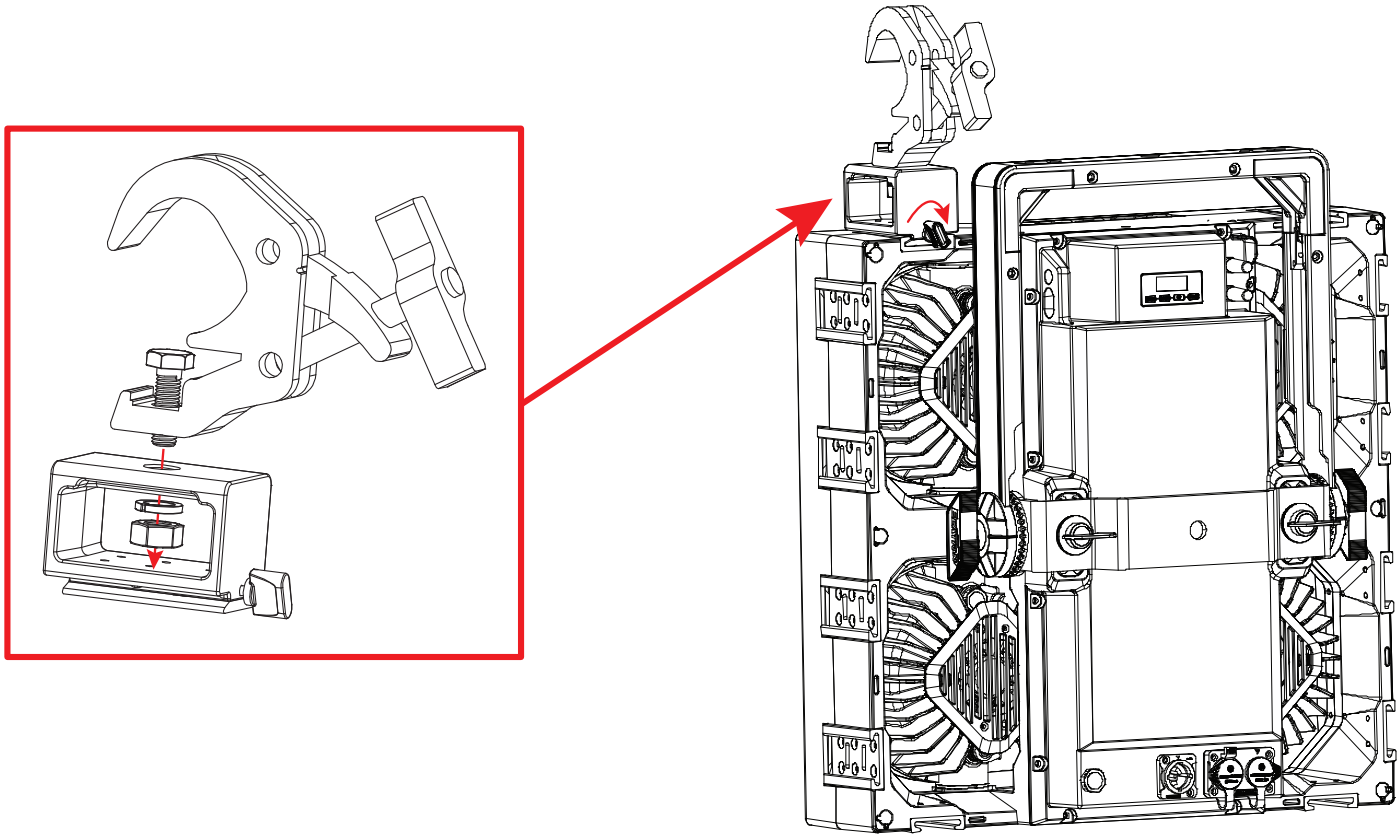
4. Close the latch to secure the gel frame in place. Repeat steps 1-4 on the fixture's other lens, if desired.



ACCESSORY INSTALLATION

INTERCONNECT CLAMP ADAPTOR

This adaptor accessory allows a mounting clamp to be attached to the interconnect slots. To use this adaptor, simply align the hole on the mounting clamp with the hole in the top of the adaptor, then secure them together using a bolt, nut, and washer of the appropriate weight rating. Insert the rail on the adaptor into the interconnect slot on the fixture, and secure in place by turning the locking tab.



ARIA SETUP AND GUIDELINES

2GHZ Versus Sub-Gig (GHz) Frequencies:

Sub-GHz frequencies provide superior reliability and range compared to higher frequencies, making them perfect for consistent communication across vast distances or in difficult conditions. Devices operating in the sub-GHz range, which refers to frequencies below 1 GHz, can transmit signals over significant distances and can penetrate physical barriers such as walls and buildings more effectively. Additionally, these frequencies experience less interference compared to those in the heavily congested 2.4-GHz band, which is commonly used by wireless devices.

In the United States, the 900 MHz band is a versatile frequency range that is utilized by various services, with the FCC overseeing its allocation and regulation.

In the European Union, the 868 MHz frequency is designated by ETSI as the Sub-Gig frequency.

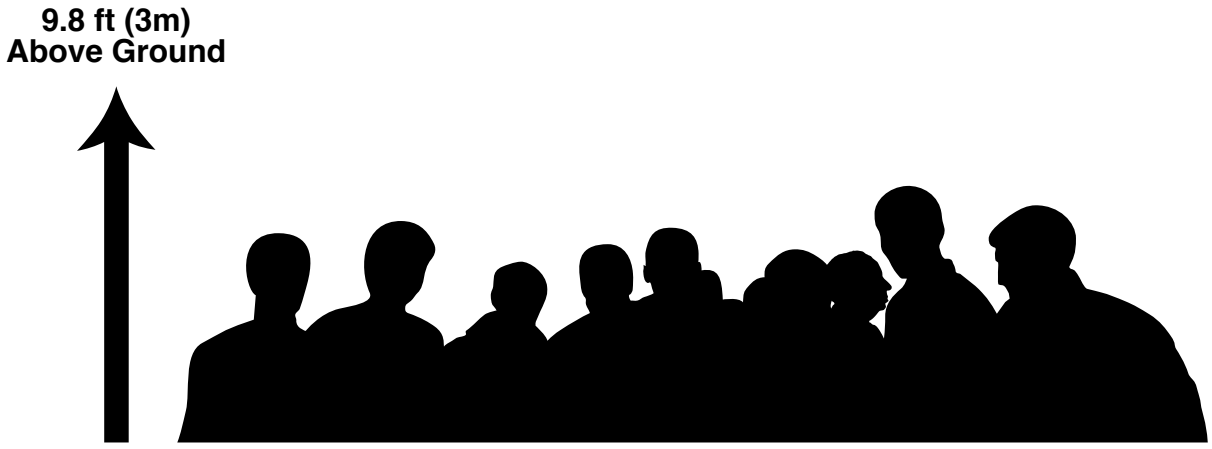
In summary, if an application demands high data rates and more bandwidth in urban or densely populated areas where interference management is feasible, the 2.4 GHz frequency is a suitable choice. On the other hand, for applications requiring long-range communication and better obstacle penetration, particularly in rural or industrial settings with fewer regulatory constraints, a sub-GHz frequency (<1 GHz) is a better option.

Installation Recommendations:

With the many factors that affect and/or interrupt a wireless signal such as walls, glass, metal, objects, and people, it is highly recommended to:

- Install devices a minimum of 9.8 ft. (3m) above audiences and/or ground level where practical.
- Adjust the wireless antenna in a vertical upright position
- Position devices in direct line of sight of the controlling device

Careful planning and testing of the selected installation location is critical to ensure optimum and reliable wireless operation.



ARIA SETUP AND GUIDELINES

GENERAL INFORMATION

The Aria Bluetooth app has the ability to connect wirelessly to any device that has Aria wireless DMX installed and has Bluetooth enabled.

Before installing the fixture in a remote location, double check that the fixture's main power is switched on, and that the Bluetooth function has been enabled in the fixture's system menu. Certain fixtures may have Bluetooth disabled by default. If this function is disabled, then the fixture cannot be configured remotely using the Aria app, and will have to be configured directly from the fixture's control screen.

Additionally, the user should consider setting the fixture's No DMX setting to "Hold Last". This will allow the fixture to continue running using the current settings, even if the Aria app device moves out of range, the app is closed, or the signal is otherwise interrupted, minimizing disruption in the operation of the fixtures.

LEGACY DEVICES

Please note that legacy connected devices, such as those using Wifly, E-Fly, or Magfly, are not compatible with this app. For such legacy devices, the use of a bridge is recommended, as the bridge can communicate with these devices via its SM220 protocol.

The Aria X2 BLE app is currently available from the Apple app store.

FIXTURE IDENTIFICATION

Aria compatible devices can be identified and connected via the **Fixtures** tab in the app. This tab displays a field of twenty-four buttons that can be assigned to Aria compatible devices that are within range, and the buttons will automatically be assigned to devices in the order in which they are discovered. If more than twenty-four units are within range, it may be necessary to use the filter feature to search for the desired fixture. Button location can be edited by selecting the configuration key, then the user can drag and drop the buttons to the desired location and hit save to keep changes. Once a device is known to the app, it can also be assigned to a particular button. From that point forward, the assigned device will always be assigned to that button location.

IMPORTANT NOTE: For version 0.65 or higher, a shared system password is required to connect to any device.

Unlike wireless DMX, Bluetooth is a connect first protocol. To connect to a device or fixture, tap the assigned button in the **Fixtures** tab. If the connection is successful, a green frame will appear around the button, indicating that the app was able to retrieve the current channel values from the fixture. The app must be connected to a fixture in order to use its channel controls or view and change settings. Please note that not all Aria devices have channel controls.

Additionally, each fixture can only be connected to one device with the app at any given time. Once a fixture is connected to the app installed on one device, any other devices will be blocked from connecting. As a result, when setting up a new fixture for the first time, best practice is to have only a single user with the app open within range, in order to ensure that the fixture pairs to the intended user's device.

ARIA SETUP AND GUIDELINES

The second table section shows all Aria devices detected in range. A checkmark indicates the device is currently assigned to a button. If more than 24 devices are within range, the user may remove or add devices to the buttons list by tapping a row to check or uncheck a device. If all buttons are full, it will be necessary to uncheck a device before adding another.

Filter: The user can filter which Aria devices get button assignments by tapping "filter" at the top of the view. A popup will appear where the user can enter text to filter devices by username, model name, or manufacturer. **Please note that these searches are case sensitive.**

Note: If a device shows an asterisk (*) it means that there is no fixture profile currently available, and therefore there will be limited support available for that device. The user will still be able to connect and adjust channels if the device supports that feature, but the user will not be able to view how many channels the device has or the channel names.

SECURITY

Each fixture must have a password saved to be secure. When a new fixture is installed for the first time, its password will automatically be set to the app's system password on first connection. Once the password has been entered, the user will need to exit out to the main page containing the fixture buttons, then de-select and re-select the fixture to lock in the password. From that point forward only, controlling devices that use the correct password can connect to this fixture. **This security is now required by law in most jurisdictions.**

The app will detect any Aria capable fixture within range, even if the app does not have the password to that fixture and therefore cannot access that fixture. If that fixture is selected in the app, the green frame will momentarily appear around that fixture's button, but then disappear. This indicates that the fixture is visible but inaccessible.

REMOTE DEVICE MANAGEMENT (RDM)

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

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

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

FIXTURE RDM INFORMATION:

Device ID	Device Model ID	RDM Code	Personality ID
0000-FFFF	86	22A6	1Ch Dimmer (001), 2Ch Dimmer x2 (002), 4Ch Dimmer x4 (003), 2Ch Dim/CCT (004), 4Ch Dim/CCT x2 (005), 8Ch Dim/CCT x4 (006), 3Ch Dim/Strb/CCT (007), 5Ch Dim/Strb/CCT x2 (008), 9Ch Dim/Strb/CCT x4 (009), 4Ch IRGB (010), 8Ch IRGB x2 (011), 16Ch IRGB x4 (012), 6Ch Raw Color (013), 12Ch Raw Color x2 (014), 24Ch Raw Color x4 (015), 7Ch Dim/CCT/Clr (016) 10Ch Dim/CCT/Clr x2 (017), 16Ch Dim/CCT/Clr (018), 40Ch Standard (019), 69Ch Extended (020), 28Ch RGB (021), 45Ch RGB Extend (022), 28Ch CMY (023), 45Ch CMY Extend (024)

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:

[0x1031] Preset Playback	[0x00E0] DMX Personality
[0x0122] Default Slot Value	[0x00E1] DMX Personality Description
[0x00C2] Boot Software Version Label	[0x0400] Device Hours
[0x00C1] Boot Software Version ID	[0x0015] Comms Status
[0x0070] Product Detail ID List	[0x0031] Status ID Description
[0x0030] Status Messages	[0x0032] Clear Status ID
[0x0011] Proxied Device Count	[0x0405] Device Power Cycles
[0x0200] Sensor Definition	[0x0500] Display Invert
[0x0201] Sensor Value	[0x0501] Display Level
[0x0080] Device Model Description	[0x0603] Realtime Clock
[0x0081] Manufacturer Label	[0x1010] Power State
[0x0082] Device Label	[0x0020] Queued Message

SYSTEM MENU

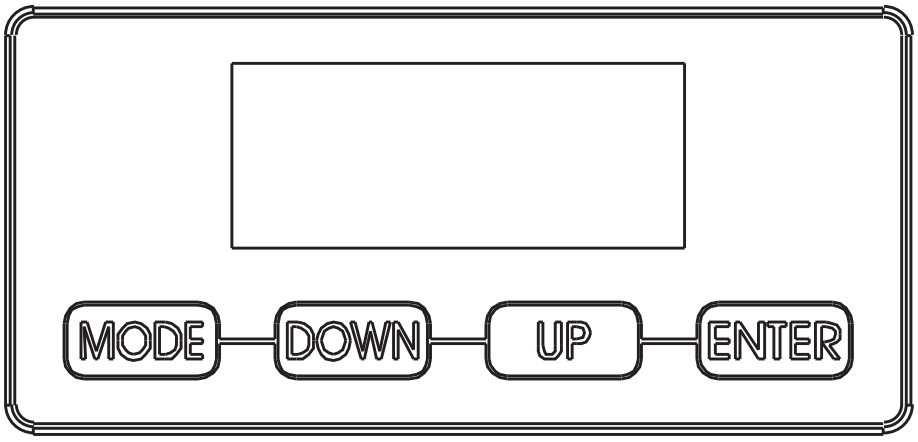
The fixture includes an easy to navigate system menu. The control panel display is located on the rear panel of the fixture (see image below) and provides access to the main system menu, where all necessary system adjustments are made to the fixture. During normal operation, pressing the MODE button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

CONTROL PANEL LOCKOUT

A phantom touch on an LCD screen is an unexpected, unprompted touch that seems to occur without any physical contact. For example, this can occur due to a raindrop falling onto the controls. When installing any fixture in a permanent setting, we recommend setting your display to lock after 10-seconds, instead of the default **OFF** setting. To change this setting, use the control keys to navigate to Settings > Display > Screen Lock, then set the period of inactivity after which the keys will lock. Selectable values range from 10 seconds to 5 minutes, or the "Key Lock" setting.

- When Screen Lock is set to a value between 10 sec and 5 min, the controls will lock after the defined period of inactivity. To unlock, press and hold the MODE button for 3 seconds.
- When Screen Lock is set to Key Lock, the controls will lock after 30 sec of inactivity. To unlock, press UP, DOWN, UP, DOWN, ENTER.

Refer to the system menu table on the following pages.



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

Detailed instructions can be found online at www.elationlighting.com.

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	**1Ch Dimmer**	
		2Ch Dimmer x2	
		4Ch Dimmer x4	
		2CH Dim/CCT	
		4CH Dim/CCT x2	
		8CH Dim/CCT x4	
		3CH I/Strb/CCT	
		5CH I/Stb/CCT x2	
		9CH I/Stb/CCT x4	
		4CH IRGB	
		8CH IRGB x2	
		16CH IRGB x4	
		6CH Raw Color	
		12CH Raw Colr x2	
		24CH Raw Colr x4	
		7CH Dim/CCT/Clr	
		10CH Dim/CCT/Clr x2	
		16CH Dim/CCT/Clr x4	
		40CH Standard	
		69CH Extended	
		28CH RGB	
		45CH RGB Extend	
		28CH CMY	
		45CH CMY Extend	
	No DMX Status	**Hold Last**	
		Fade to Black	
		Standalone	
	Protocol	Select Signal	**DMX**
			Aria In - DMX Out
			DMX In - Aria Out
	Aria	Enable Aria	**Off** / On
		Frequency	**2.4 GHz**
			Sub Gig - US
			Sub Gig - EU
		2.4 GHz Chan	**00** - 15
		Sub Gig Chan	**00** - 09
		Enable Mesh	**Off** / On
		Enable Bluetooth	**Off** / On

SYSTEM MENU

MAIN MENU	OPTIONS / VALUES (Default Settings in **BOLD**)		
Array Mode	Fixture ID (**Main**, Copy Main, 2, 3, 4...)	**(Main Fixture Settings Only)**	
		DMX Start Address	**001** - 512
		DMX Mode	**1Ch Dimmer**
			2CH Dimmer x2
			4CH Dimmer x4
			2CH Dim/CCT
			4CH Dim/CCT x2
			8CH Dim/CCT x4
			3CH I/Strb/CCT
			5CH I/Stb/CCT x2
			9CH I/Stb/CCT x4
			4CH IRGB
			8CH IRGB x2
			16CH IRGB x4
			6CH Raw Color
			12CH Raw Colr x2
			24CH Raw Colr x4
			7CH Dim/CCT/Clr
			10CH I/CCT/Clr x2
			16CH I/CCT/Clr x4
			40CH Standard
			69CH Extended
			28CH RGB
			45CH RGB Extend
			28CH CMY
			45CH CMY Extend
Control	Dimmer	000 - **100%**	
	Manual Color	Red	0 - **255**
		Green	0 - **255**
		Blue	0 - **255**
		Lime	0 - **255**
		Amber	0 - **255**
		White	0 - **255**
		CCT	1800K - 8500K (Default = **6000K**)
		Green Shift	-100% ~ +100% (Default = **0**)
		Virtual Color	See Color Macros
	Primary	On / **Off**	
	Secondary	On / **Off**	
	Self Test	All	
		Dimmer	
		Color	

SYSTEM MENU

MAIN MENU	OPTIONS / VALUES (Default Settings in **BOLD**)		
Settings	Output Mode	**Blinder Output**	
		Constant Output	
		Match Blinder Output	
		Match Constant Output	
	Cell Mode	Single Cell Mode	
		Dual Cell Mode Horizontal	
		Dual Cell Mode Vertical	
		Quad Cell Mode	
	Cell Layout	**Standard**	
		Mirror Horizontal	
		Mirror Vertical	
		Mirror Horizontal and Vertical	
	Dim Modes	**Standard**	
		Stage	
		TV	
		Architectural	
		Theatre	
		Stage 2	
		Dim Speed	0s - 10s (Default = **0.1s)**
	Dim to Warm	**On** / Off	
	Dim Curves	Linear	
		Square	
		Square Inverse	
		S-Curve	
	LED Refresh Rate	900Hz - 1500Hz, 2500Hz, 4000Hz, 5000Hz, 6000Hz, 10KHz, 15KHz, 20KHz, 25KHz (Default = **1200 Hz**)	
	Color Tuning	Highest Fidelity	
		Balanced Output and Fidelity	
		Highest Output	
	Output Balance	**Bright (Highest Output)**	
		Uniform (Elation Full Spectrum Match)	
	LED Power Limit	50%	
		60%	
		70%	
		80%	
		90%	
		100%	
	Fan Mode	Auto	
		High	
		Silent	

SYSTEM MENU

MAIN MENU	OPTIONS / VALUES (Default Settings in **BOLD**)		
Settings (continued)	Display	Screen Delay	10s - 5min (Default = **1min**)
		Screen Lock	Off, 10s - 5min, **Key Lock**
		Rotate Display	Yes / **No** / Auto
	Reset Default	Yes / **No**	
Information	Time	Current Run Time	
		Total Run Time	
		Last Run Time	
	Temperature	Current	
		Max Resettable	
	DMX Values	Red	
		Green	
		...	
	Product IDs	RDM UID	
	Error Logs	Fixture Errors	
	Software Version	Vx.x	
Service (Passcode = 050)	Calibration	Red 000 - 255	
		Green 000 - 255	
		Blue 000 - 255	
		Lime 000 - 255	
		Amber 000 - 255	
		White 000 - 255	
		Red 2 000 - 255	
		Green 2 000 - 255	
		Blue 2 000 - 255	
		Lime 2 000 - 255	
		Amber 2 000 - 255	
		White 2 000 - 255	
		Red 3 000 - 255	
		Green 3 000 - 255	
		Blue 3 000 - 255	
		Lime 3 000 - 255	
		Amber 3 000 - 255	
		White 3 000 - 255	
		Red 4 000 - 255	
		Green 4 000 - 255	
		Blue 4 000 - 255	
		Lime 4 000 - 255	
		Amber 4 000 - 255	
		White 4 000 - 255	
	Reset Last Run	Yes / No	
	Reset Error Logs	Yes / No	

OUTPUT MODE OPTIONS

Blinder Output (Default)
In Blinder Output mode, the fixture operates at its maximum possible output while ensuring a safe operating temperature. This mode is designed for typical blinder applications, where short, bright bursts of light are desired.

Constant Output Mode
In Constant Output mode, the fixture runs at a reduced output level and power draw to provide a consistent illumination level for continuous use. This mode is ideal for applications that require a steady light output over an extended period.

Match Modes:
The fixture operates at an optimized output level, allowing different models in the Sol Blinder series to be intermixed within a single installation setup and maintain the same output levels.

Array Mode
To set up the Array Mode, follow these steps:

1. Assemble the fixtures into an array and connect power and DMX to each fixture.
2. Select one fixture to act as the Main device.
3. Unplug any incoming DMX cables from the Main device.
4. Change all desired settings and options on the Main device.
5. Navigate to the Array Mode settings in the Main device's menu.
6. Set the Main device's ID to 'Main.'
7. Set the desired DMX start address and DMX Mode.
8. To set each connected fixture, enter the Array Mode settings on the device.
9. Select either the 'Copy Main' option or the specific unit number you want to apply to the device in the 'Fixture ID' section.
10. Once an ID is selected, the fixture's DMX address and other settings will be automatically applied. If the 'Copy Main' option is chosen, the device will have the same DMX address as the Main fixture. If numbered 'Fixture IDs' are chosen, the appropriate offset DMX address will be applied, depending on the chosen DMX Mode.
11. After all fixtures have been set, reconnect the DMX input.

Example 1:

	Fixture ID	DMX Address	DMX Mode
ARRAY MODE	MAIN	1 - 512	User selects mode
	Copy Main	Copy DMX Settings from main fixture	Copy DMX Settings from main fixture
	2	Fixture copies same user mode as MAIN fixture	Address is offset automatically
	3	Fixture copies same user mode as MAIN fixture	Address is offset automatically
	...	Fixture copies same user mode as MAIN fixture	Address is offset automatically

Example 2:

	Fixture ID	DMX Address	DMX Mode
ARRAY MODE	MAIN	15	Standard 13Ch
	Copy Main	15	Standard 13Ch (auto set)
	2	28	Standard 13Ch (auto set)
	3	41	Standard 13Ch (auto set)

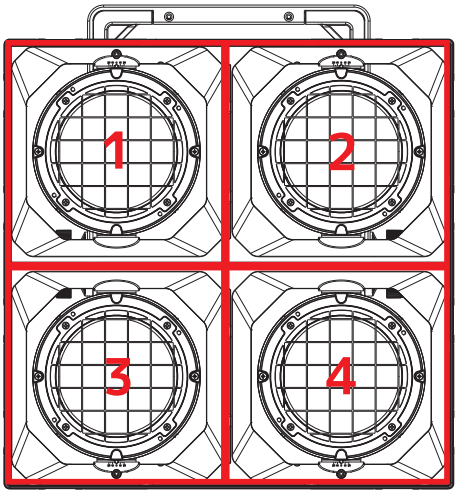
OUTPUT MODE OPTIONS

Cell Modes:

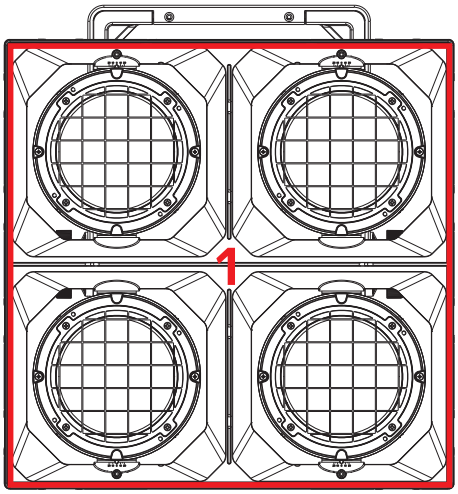
Cell Modes allow grouping and control of the fixture's cells, providing easier control of the fixture without the need to change DMX modes and channels.

- In the default "Quad Cell Mode", each individual cell responds independently to the outputs as assigned in the DMX configuration.
- In "Single Cell Mode", all four blinder cells respond exclusively to Cell 1's DMX commands.
- In "Dual Cell Mode Horizontal", the top two cells are treated as Cell 1, and the bottom 2 cells are treated as Cell 2.
- In "Dual Cell Mode Vertical", the left two cells are treated as Cell 1, and the right two cells are treated as Cell 2.

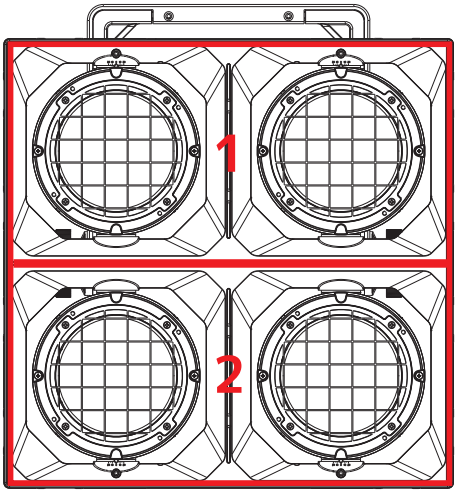
QUAD CELL MODE



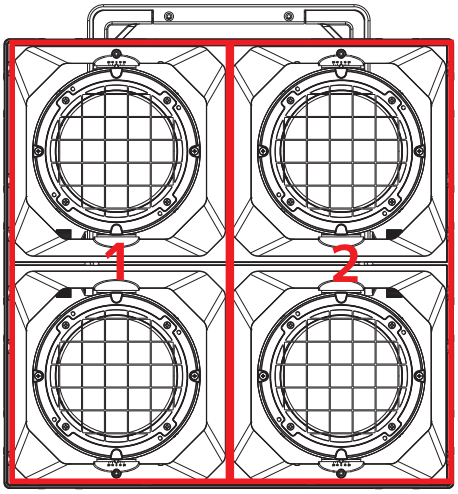
SINGLE CELL MODE



DUAL CELL MODE HORIZONTAL

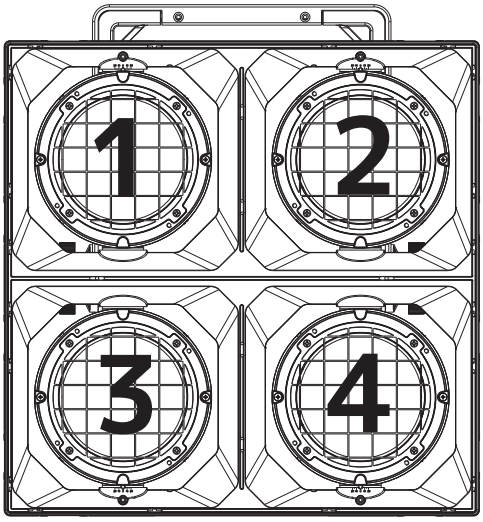


DUAL CELL MODE VERTICAL

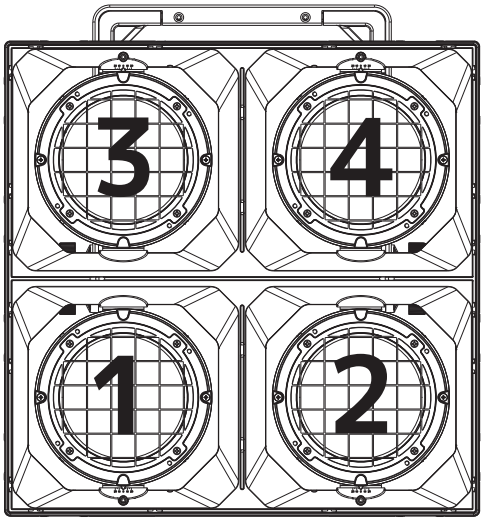


CELL LAYOUT

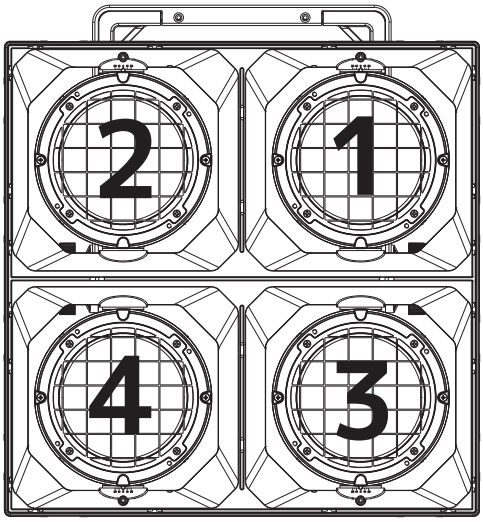
STANDARD



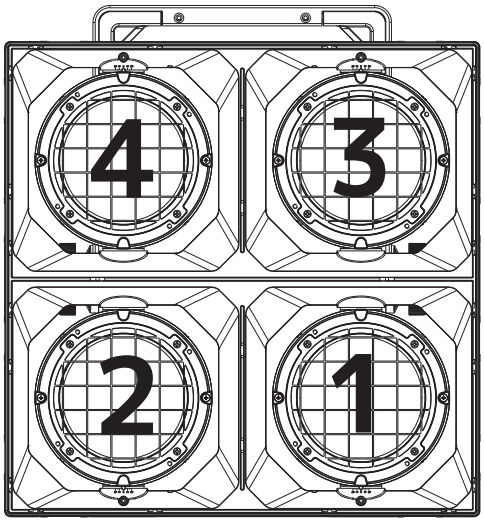
MIRROR HORIZONTAL



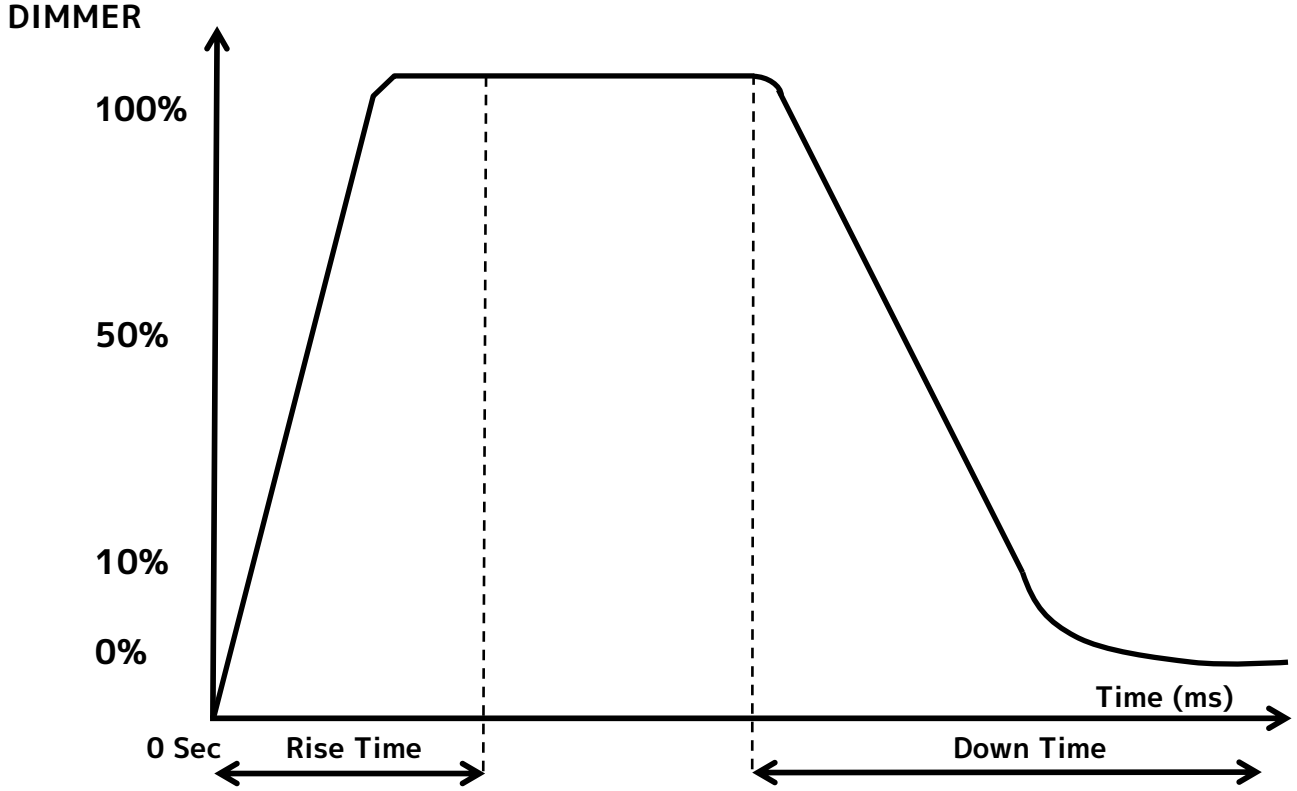
MIRROR VERTICAL



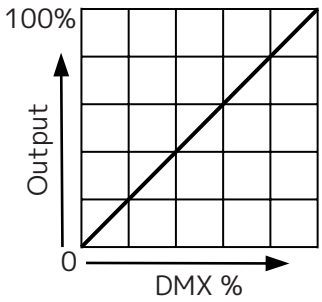
MIRROR HORIZONTAL & VERTICAL



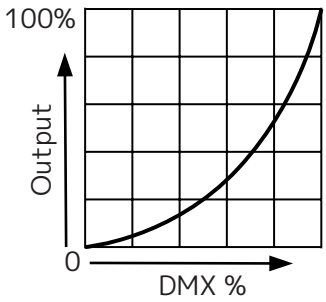
DIMMER MODES & CURVES



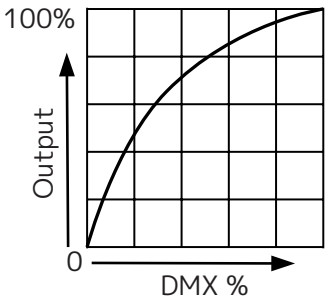
Dimming Curve Ramp Effect	0 sec Fade Time		1 sec Fade Time	
	Rise Time (ms)	Down Time (ms)	Rise Time (ms)	Down Time (ms)
Standard (default)	0	0	0	0
Stage	780	1100	1540	1660
TV	1180	1520	1860	1940
Architectural	1380	1730	2040	2120
Theatre	1580	1940	2230	2280
Stage 2	0	1100	0	1660



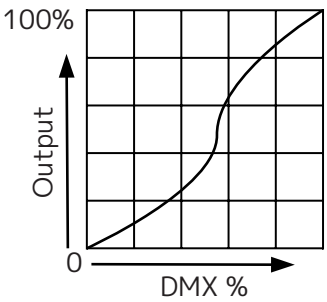
LINEAR



SQUARE



INVERSE SQUARE



S-CURVE

DMX TRAITS - BASIC MODES

Dim 1ch	2x Dim 2ch	4x Dim 4ch	Dim/ CCT 2ch	2x Dim/ CCT 4ch	4x Dim/ CCT 8ch	Dim/ Str/ CCT 3ch	2x Dim/ Str/ CCT 5ch	4x Dim/ Str/ CCT 9ch	DMX Values	Function	Snap	Def Value
1	1	1	1	1	1	1	1	1	0-255	**Dimmer**		0
										Intensity 0 → 100%		
	2	2		2	2		2	2	0-255	**Dimmer 2**		0
										Intensity 0 → 100%		
		3			3			3	0-255	**Dimmer 3**		0
										Intensity 0 → 100%		
		4			4			4	0-255	**Dimmer 4**		0
										Intensity 0 → 100%		
						2	3	5		**Shutter/Strobe**		50
									0-31	Shutter closed		
									32-63	No function (shutter open)		
									64-95	Strobe effect slow to fast		
									96-127	No function (shutter open)		
									128-159	Pulse-effect in sequences		
									160-191	No function (shutter open)		
									192-223	Random strobe effect slow to fast		
									224-255	No function (shutter open)		
			2	3	5	3	4	6		**CCT Presets**	X	0
									0-17	Open		
									18-85	1800K → 8500K (see sheet)		
									86-255	8500K		
				4	6		5	7		**CCT Presets 2**	X	0
									0-17	Open		
									18-85	1800K → 8500K (see sheet)		
									86-255	8500K		
					7			8		**CCT Presets 3**	X	02
									0-17	Open		
									18-85	1800K → 8500K (see sheet)		
									86-255	8500K		
					8			9		**CCT Presets 4**	X	0
									0-17	Open		
									18-85	1800K → 8500K (see sheet)		
									86-255	8500K		

DMX TRAITS - COLOR MODES

IRGB 4ch	2x IRGB 8ch	4x IRGB 16ch	Raw Clr 6ch	2x Raw Clr 12ch	4x Raw Clr 24ch	Dim/ CCT/ Clr 7ch	2x Dim/ CCT/ Clr 10ch	4x Dim/ CCT/ Clr 16ch	DMX Values	Function	Snap	Def Value
1	1	1				1	1	1	0-255	**Dimmer**		0
										Intensity 0 → 100%		
						2	2	2	0-255	**Dimmer Fine**		0
										Fine Intensity Control		
	2	2					3	3	0-255	**Dimmer 2**		0
										Intensity 0 → 100%		
							4	4	0-255	**Dimmer Fine 2**		0
										Fine Intensity Control		
		3						5	0-255	**Dimmer 3**		0
										Intensity 0 → 100%		
								6	0-255	**Dimmer Fine 3**		0
										Fine Intensity Control		
		4						7	0-255	**Dimmer 4**		0
										Intensity 0 → 100%		
								8	0-255	**Dimmer Fine 4**		0
										Fine Intensity Control		
						3	5	9		**Shutter/Strobe**		50
									0-31	Shutter closed		
									32-63	No function (shutter open)		
									64-95	Strobe effect slow to fast		
									96-127	No function (shutter open)		
									128-159	Pulse-effect in sequences		
									160-191	No function (shutter open)		
									192-223	Random strobe effect slow to fast		
									224-255	No function (shutter open)		
2	3	5	1	1	1				0-255	**Red**		0
										0 → 100%		
3	4	6	2	2	2				0-255	**Green**		0
										0 → 100%		
4	5	7	3	3	3				0-255	**Blue**		0
										0 → 100%		

DMX TRAITS - COLOR MODES

IRGB 4ch	2x IRGB 8ch	4x IRGB 16ch	Raw Clr 6ch	2x Raw Clr 12ch	4x Raw Clr 24ch	Dim/ CCT/ Clr 7ch	2x Dim/ CCT/ Clr 10ch	4x Dim/ CCT/ Clr 16ch	DMX Values	Function	Snap	Def Value
			4	4	4				0-255	**Lime** 0 → 100%		0
			5	5	5				0-255	**Amber** 0 → 100%		0
			6	6	6				0-255	**White** 0 → 100%		0
	6	8		7	7				0-255	**Red 2** 0 → 100%		0
	7	9		8	8				0-255	**Green 2** 0 → 100%		0
	8	10		9	9				0-255	**Blue 2** 0 → 100%		0
				10	10				0-255	**Lime 2** 0 → 100%		0
				11	11				0-255	**Amber 2** 0 → 100%		0
				12	12				0-255	**White 2** 0 → 100%		0
		11			13				0-255	**Red 3** 0 → 100%		0
		12			14				0-255	**Green 3** 0 → 100%		0
		13			15				0-255	**Blue 3** 0 → 100%		0
					16				0-255	**Lime 3** 0 → 100%		0
					17				0-255	**Amber 3** 0 → 100%		0
					18				0-255	**White 3** 0 → 100%		0
		14			19				0-255	**Red 4** 0 → 100%		0
		15			20				0-255	**Green 4** 0 → 100%		0
		16			21				0-255	**Blue 4** 0 → 100%		0

DMX TRAITS - COLOR MODES

IRGB 4ch	2x IRGB 8ch	4x IRGB 16ch	Raw Clr 6ch	2x Raw Clr 12ch	4x Raw Clr 24ch	Dim/ CCT/ Clr 7ch	2x Dim/ CCT/ Clr 10ch	4x Dim/ CCT/ Clr 16ch	DMX Values	Function	Snap	Def Value
					22				0-255	**Lime 4**		0
										0 → 100%		
					23				0-255	**Amber 4**		0
										0 → 100%		
					24				0-255	**White 4**		0
										0 → 100%		
						4	6	10		**CCT Presets**	X	0
									0-17	Open		
									18-85	1800K → 8500K (see sheet)		
									86-255	8500K		
							7	11		**CCT Presets 2**	X	0
									0-17	Open		
									18-85	1800K → 8500K (see sheet)		
									86-255	8500K		
								12		**CCT Presets 3**	X	02
									0-17	Open		
									18-85	1800K → 8500K (see sheet)		
									86-255	8500K		
								13		**CCT Presets 4**	X	0
									0-17	Open		
									18-85	1800K → 8500K (see sheet)		
									86-255	8500K		
						5	8	14		**Green Shift**		128
									0	Idle		
									1-127	Full Minus Green to Neutral		
									128	Neutral White		
									129-255	Neutral to Full Plus Green		

DMX TRAITS - COLOR MODES

IRGB 4ch	2x IRGB 8ch	4x IRGB 16ch	Raw Clr 6ch	2x Raw Clr 12ch	4x Raw Clr 24ch	Dim/ CCT/ Clr 7ch	2x Dim/ CCT/ Clr 10ch	4x Dim/ CCT/ Clr 16ch	DMX Values	Function	Snap	Def Value
										Color		
									0	Open		
									1-179	Virtual Swatch Book (see table)		
										Color Scroll		
									180-201	Clockwise, fast → slow		
									202-207	Stop		
						6	9	15	208-229	Counter-clockwise, slow → fast		0
									230-234	Open		
										Random Slots		
									235-239	Fast		
									240-244	Medium		
									245-249	Slow		
									250-255	Open		
										Control		
									0-24	Idle		
									25-34	Blinder Output Mode		
									35-44	Constant Output Mode		
									45-54	Match Blinder Output Mode		
									55-64	Match Constant Output Mode		
									65-69	Idle		
									70-74	Fan Mode Auto		
									75-79	Fan Mode High		
									80-84	Fan Mode Silent		
						7	10	16	85-99	Idle	X	0
										Refresh Rate (Hz)		
									100	900		
									101	910		
									102	920		
									103	930		
									104	940		
									105	950		
									106	960		
									107	970		

DMX TRAITS - COLOR MODES

IRGB 4ch	2x IRGB 8ch	4x IRGB 16ch	Raw Clr 6ch	2x Raw Clr 12ch	4x Raw Clr 24ch	Dim/ CCT/ Clr 7ch	2x Dim/ CCT/ Clr 10ch	4x Dim/ CCT/ Clr 16ch	DMX Values	Function	Snap	Def Value
										Refresh Rate (Hz) (continued)		
									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		
						7	10	16	125	1150	X	0
									126	1160		
									127	1170		
									128	1180		
									129	1190		
									130	1200		
									131	1210		
									132	1220		
									133	1230		
									134	1240		
									135	1250		
									136	1260		
									137	1270		
									138	1280		
									139	1290		
									140	1300		
									141	1310		
									142	1320		
									143	1330		

DMX TRAITS - COLOR MODES

IRGB 4ch	2x IRGB 8ch	4x IRGB 16ch	Raw Clr 6ch	2x Raw Clr 12ch	4x Raw Clr 24ch	Dim/ CCT/ Clr 7ch	2x Dim/ CCT/ Clr 10ch	4x Dim/ CCT/ Clr 16ch	DMX Values	Function	Snap	Def Value
										Refresh Rate (Hz) (continued)		
									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		
						7	10	16	160	1500	X	0
									161	2500		
									162	4000		
									163	5000		
									164	6000		
									165	10000		
									166	15000		
									167	20000		
									168	25000		
									169-174	Idle		
										Color Tuning		
									175-176	Highest Fidelity		
									177-178	Balanced Output and Fidelity		
									179-180	Highest Output (Default)		
										Output Balance		
									181-182	Bright (Highest Output)		
									183-184	Uniform (Elation Full Spectrum Match)		
									185-200	Idle		

DMX TRAITS - COLOR MODES

IRGB 4ch	2x IRGB 8ch	4x IRGB 16ch	Raw Clr 6ch	2x Raw Clr 12ch	4x Raw Clr 24ch	Dim/ CCT/ Clr 7ch	2x Dim/ CCT/ Clr 10ch	4x Dim/ CCT/ Clr 16ch	DMX Values	Function	Snap	Def Value
						7	10	16		**Dimmer Curves**	X	0
									201-210	Linear		
									211-220	Square		
									221-230	Inverse Square		
									231-240	S-Curve (Default)		
									241-255	Idle		

DMX TRAITS - ADVANCED MODES

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value
1	1	1	1	1	1	0-255	**Dimmer**		0
							Intensity 0 → 100%		
2	2	2	2	2	2	0-255	**Dimmer Fine**		0
							Fine Intensity Control		
3	3	3	3	3	3	0-255	**Dimmer 2**		0
							Intensity 0 → 100%		
4	4	4	4	4	4	0-255	**Dimmer Fine 2**		0
							Fine Intensity Control		
5	5	5	5	5	5	0-255	**Dimmer 3**		0
							Intensity 0 → 100%		
6	6	6	6	6	6	0-255	**Dimmer Fine 3**		0
							Fine Intensity Control		
7	7	7	7	7	7	0-255	**Dimmer 4**		0
							Intensity 0 → 100%		
8	8	8	8	8	8	0-255	**Dimmer Fine 4**		0
							Fine Intensity Control		
9	9	9	9	9	9		**Shutter/Strobe**		50
						0-31	Shutter closed		
						32-63	No function (shutter open)		
						64-95	Strobe effect slow to fast		
						96-127	No function (shutter open)		
						128-159	Pulse-effect in sequences		
						160-191	No function (shutter open)		
						192-223	Random strobe effect slow to fast		
						224-255	No function (shutter open)		
10	10	10	10			0-255	**Red**		0
							0 → 100%		
	11		11			0-255	**Red Fine**		0
							Fine Adjustment		
11	12	11	12			0-255	**Green**		0
							0 → 100%		
	13		13			0-255	**Green Fine**		0
							Fine Adjustment		
12	14	12	14			0-255	**Blue**		0
							0 → 100%		
	15		15			0-255	**Blue Fine**		0
							Fine Adjustment		

DMX TRAITS - ADVANCED MODES

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value
13	16					0-255	**Lime** 0 → 100%		0
	17					0-255	**Lime Fine** Fine Adjustment		0
14	18					0-255	**Amber** 0 → 100%		0
	19					0-255	**Amber Fine** Fine Adjustment		0
15	20					0-255	**White** 0 → 100%		0
	21					0-255	**White Fine** Fine Adjustment		0
16	22	13	16			0-255	**Red 2** 0 → 100%		0
	23		17			0-255	**Red Fine 2** Fine Adjustment		0
17	24	14	18			0-255	**Green 2** 0 → 100%		0
	25		19			0-255	**Green Fine 2** Fine Adjustment		0
18	26	15	20			0-255	**Blue 2** 0 → 100%		0
	27		21			0-255	**Blue Fine 2** Fine Adjustment		0
19	28					0-255	**Lime 2** 0 → 100%		0
	29					0-255	**Lime Fine 2** Fine Adjustment		0
20	30					0-255	**Amber 2** 0 → 100%		0
	31					0-255	**Amber Fine 2** Fine Adjustment		0
21	32					0-255	**White 2** 0 → 100%		0
	33					0-255	**White Fine 2** Fine Adjustment		0

DMX TRAITS - ADVANCED MODES

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value
22	34	16	22			0-255	**Red 3** 0 → 100%		0
	35		23			0-255	**Red Fine 3** Fine Adjustment		0
23	36	17	24			0-255	**Green 3** 0 → 100%		0
	37		25			0-255	**Green Fine 3** Fine Adjustment		0
24	38	18	26			0-255	**Blue 3** 0 → 100%		0
	39		27			0-255	**Blue Fine 3** Fine Adjustment		0
25	40					0-255	**Lime 3** 0 → 100%		0
	41					0-255	**Lime Fine 3** Fine Adjustment		0
26	42					0-255	**Amber 3** 0 → 100%		0
	43					0-255	**Amber Fine 3** Fine Adjustment		0
27	44					0-255	**White 3** 0 → 100%		0
	45					0-255	**White Fine 3** Fine Adjustment		0
28	46	19	28			0-255	**Red 4** 0 → 100%		0
	47		29			0-255	**Red Fine 4** Fine Adjustment		0
29	48	20	30			0-255	**Green 4** 0 → 100%		0
	49		31			0-255	**Green Fine 4** Fine Adjustment		0
30	50	21	32			0-255	**Blue 4** 0 → 100%		0
	51		33			0-255	**Blue Fine 4** Fine Adjustment		0

DMX TRAITS - ADVANCED MODES

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value
31	52					0-255	**Lime 4** 0 → 100%		0
	53					0-255	**Lime Fine 4** Fine Adjustment		0
32	54					0-255	**Amber 4** 0 → 100%		0
	55					0-255	**Amber Fine 4** Fine Adjustment		0
33	56					0-255	**White 4** 0 → 100%		0
	57					0-255	**White Fine 4** Fine Adjustment		0
				10	10	0-255	**Cyan** 0 → 100%		0
					11	0-255	**Cyan Fine** Fine Adjustment		0
				11	12	0-255	**Magenta** 0 → 100%		0
					13	0-255	**Magenta Fine** Fine Adjustment		0
				12	14	0-255	**Yellow** 0 → 100%		0
					15	0-255	**Yellow Fine** Fine Adjustment		0
				13	16	0-255	**Cyan 2** 0 → 100%		0
					17	0-255	**Cyan Fine 2** Fine Adjustment		0
				14	18	0-255	**Magenta 2** 0 → 100%		0
					19	0-255	**Magenta Fine 2** Fine Adjustment		0
				15	20	0-255	**Yellow 2** 0 → 100%		0
					21	0-255	**Yellow Fine 2** Fine Adjustment		0

DMX TRAITS - ADVANCED MODES

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value
				16	22	0-255	**Cyan 3**		0
							0 → 100%		
					23	0-255	**Cyan Fine 3**		0
							Fine Adjustment		
				17	24	0-255	**Magenta 3**		0
							0 → 100%		
					25	0-255	**Magenta Fine 3**		0
							Fine Adjustment		
				18	26	0-255	**Yellow 3**		0
							0 → 100%		
					27	0-255	**Yellow Fine 3**		0
							Fine Adjustment		
				19	28	0-255	**Cyan 4**		0
							0 → 100%		
					29	0-255	**Cyan Fine 4**		0
							Fine Adjustment		
				20	30	0-255	**Magenta 4**		0
							0 → 100%		
					31	0-255	**Magenta Fine 4**		0
							Fine Adjustment		
				21	32	0-255	**Yellow 4**		0
							0 → 100%		
					33	0-255	**Yellow Fine 4**		0
							Fine Adjustment		
34		22		22			**CCT Presets**	X	0
						0-17	Open		
						18-85	1800K → 8500K (see sheet)		
						86-255	8500K		
35		23		23			**CCT Presets 2**	X	0
						0-17	Open		
						18-85	1800K → 8500K (see sheet)		
						86-255	8500K		
36		24		24			**CCT Presets 3**	X	02
						0-17	Open		
						18-85	1800K → 8500K (see sheet)		
						86-255	8500K		

DMX TRAITS - ADVANCED MODES

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value
37		25		25			**CCT Presets 4**	X	0
						0-17	Open		
						18-85	1800K → 8500K (see sheet)		
						86-255	8500K		
	58		34		34		**Variable CCT**		0
						0-17	Open		
						18-255	1800K → 8500K (see sheet)		
	59		35		35		**Variable CCT Fine**		0
						0-255	Fine Adjustment		
	60		36		36		**Variable CCT 2**		0
						0-17	Open		
						18-255	1800K → 8500K (see sheet)		
	61		37		37		**Variable CCT Fine 2**		0
						0-255	Fine Adjustment		
	62		38		38		**Variable CCT 3**		0
						0-17	Open		
						18-255	1800K → 8500K (see sheet)		
	63		39		39		**Variable CCT Fine 3**		0
						0-255	Fine Adjustment		
	64		40		40		**Variable CCT 4**		0
						0-17	Open		
						18-255	1800K → 8500K (see sheet)		
	65		41		41		**Variable CCT Fine 4**		0
						0-255	Fine Adjustment		
38	66	26	42	26	42		**Green Shift**		128
						0	Idle		
						1-127	Full Minus Green to Neutral		
						128	Neutral White		
						129-255	Neutral to Full Plus Green		

DMX TRAITS - ADVANCED MODES

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value
39	67	27	43	27	43		**Color**		0
						0	Open		
						1-179	Virtual Swatch Book (see table)		
							Color Scroll		
						180-201	Clockwise, fast → slow		
						202-207	Stop		
						208-229	Counter-clockwise, slow → fast		
						230-234	Open		
							Random Slots		
						235-239	Fast		
						240-244	Medium		
						245-249	Slow		
						250-255	Open		
	68		44		44		**Dim Modes**	X	0
						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	0.5s		
						126	0.6s		
						127	0.7s		
						128	0.8s		
						129	0.9s		
						130	1.0s		
						131	1.5s		
						132	2.0s		
						133	3.0s		
						134	4.0s		
						135	5.0s		

DMX TRAITS - ADVANCED MODES

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value
							Dimmer Delay Time (continued)		
						136	6.0s		
						137	7.0s		
						138	8.0s		
						139	9.0s		
						140	10s		
						142-149	Idle		
							Dim to Warm		
						150-154	DTW On		
						155-159	DTW Off		
	68		44		44		**Cell Mode**	X	0
						160-164	Single Cell Mode		
						165-169	Dual Cell Mode Horizontal		
						170-174	Dual Cell Mode Vertical		
						175-179	Quad Cell Mode (Default)		
							Cell Layout		
						180-184	Standard		
						185-189	Mirror Horizontal		
						190-194	Mirror Vertical		
						195-199	Mirror Horizontal and Vertical		
						200-255	Idle		
							Control		
						0-24	Idle		
						25-34	Blinder Output Mode		
						35-44	Constant Output Mode		
						45-54	Match Blinder Output Mode		
40	69	28	45	28	45	55-64	Match Constant Output Mode	X	0
						65-69	Idle		
						70-74	Fan Mode Auto		
						75-79	Fan Mode High		
						80-84	Fan Mode Silent		
						85-99	Idsle		

DMX TRAITS - ADVANCED MODES

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value
40	69	28	45	28	45		**Refresh Rate (Hz)**	X	0
						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		

DMX TRAITS - ADVANCED MODES

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value
40	69	28	45	28	45		**Refresh Rate (Hz) (continued)**	X	0
						136	1260		
						137	1270		
						138	1280		
						139	1290		
						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		
						169-174	Idle		

DMX TRAITS - ADVANCED MODES

Std 40ch	Ext 69ch	RGB 28ch	RGB Ext 45ch	CMY 28ch	CMY Ext 45ch	DMX Values	Function	Snap	Def Value
40	69	28	45	28	45		**Color Tuning**	X	0
						175-176	Highest Fidelity		
						177-178	Balanced Output and Fidelity		
						179-180	Highest Output (Default)		
							Output Balance		
						181-182	Bright (Highest Output)		
						183-184	Uniform (Elation Full Spectrum Match)		
						185-200	Idle		
							Dimmer Curves		
						201-210	Linear		
						211-220	Square		
						221-230	Inverse Square		
						231-240	S-Curve (Default)		
						241-255	Idle		

VIRTUAL SWATCH BOOK

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

COLOR TEMPERATURE TABLE

Colors shown are an approximate representation.

DMX VALUE	COLOR TEMPERATURE (K)	DMX VALUE	COLOR TEMPERATURE (K)
18	1800	51	5100
19	1900	52	5200
20	2000	53	5300
21	2100	54	5400
22	2200	55	5500
23	2300	56	5600
24	2400	57	5700
25	2500	58	5800
26	2600	59	5900
27	2700	60	6000
28	2800	61	6100
29	2900	62	6200
30	3000	65	6500
31	3100	66	6600
32	3200	67	6700
33	3300	68	6800
34	3400	69	6900
35	3500	70	7000
36	3600	71	7100
37	3700	72	7200
38	3800	73	7300
39	3900	74	7400
40	4000	75	7500
41	4100	76	7600
42	4200	77	7700
43	4300	78	7800
44	4400	79	7900
45	4500	80	8000
46	4600	81	8100
47	4700	82	8200
48	4800	83	8300
49	4900	84	8400
50	5000	85	8500

ERROR CODES

Error Codes subject to change without notice	
ERROR CODES	**DESCRIPTION**
Temp	This message appears when there is a heating error.
Fan	This message appears when there is a fan error.

MAINTENANCE GUIDELINES

DISCONNECT POWER BEFORE PERFORMING ANY MAINTENANCE!

CLEANING

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

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

MAINTENANCE

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

Please refer to the following points during routine inspections:

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

SPECIFICATIONS

SOURCE
4x 350W RGBLAW LED
30,000 Hour Average LED Life*
*May vary depending on several factors including but not limited to:
Environmental Conditions, Power/Voltage, Usage Patterns (On-Off Cycling), Control and Dimming.

PHOTOMETRIC DATA
Total Lumen Output:
59,830 (Integrating Sphere)
CRI TBA

Compound Lens
Beam Angle: 46°
Field Angle: 85°

No Lens
Beam Angle: 52°
Field Angle: 95°

EFFECTS
Variable Strobe Rate: 1- 20Hz
Dim-to-Warm/ Red Shift Emulation
Variable 16-bit Dimming Modes and Curves
High Output Blinder Mode or Constant Output Mode Options

COLOR
RGBLAW Color Array
CMY Emulation
Variable CCT 1800K - 8500K
Virtual Gel Swatch Book

CONTROL / CONNECTIONS
24 DMX Channel Modes (1ch, 2ch, 4ch, 2ch, 4ch, 8ch, 3ch, 5ch, 9ch, 4ch, 8ch, 16ch, 6ch, 12ch, 24ch, 7ch, 10ch, 16ch, 40ch, 69ch, 28ch, 45ch, 28ch & 45ch)
Simple 'Array Mode' Addressing System
Manual and DMX Controlled Dimmer and Color
4 Button Control Panel, LED Display
Aria x2 Wireless Device Management
RDM (Remote Device Management)
IP65 5pin DMX Cable In/Out
IP65 Locking Power Cable In

SIZE / WEIGHT (Without Accessories)
Length: 9.4" (240mm)
Width: 16.5" (420mm)
Vertical Height: 18.6" (471mm)
Weight (Fixture Only): 39 lbs (17.7 kg)
Weight (w/ Removeable Yoke): 44 lbs (19.7 kg)

ELECTRICAL / THERMAL
AC 100-240V - 50/60Hz
1300W Max Power Consumption
5°F to 113°F (-15°C to 45°C)
BTU/hr (+/- 10%) 4262.5

INCLUDED ITEMS
Removable Fixture Yoke / Omega Bracket
2x Fixture Interconnect Splices
Safety Cable
IP65 Locking Power Cable

OPTIONAL ITEMS
SŌL IV HD Yoke (SOL4HDY)
SŌL Fresnel Lens (SOLFL)
SŌL Frosted Lens (SOLFRO)
SŌL Bowens Adapter (SOLBA)
SŌL Dome Lens (SOLDL)
SŌL Blackout Lens (SOLBL)
SŌL Gel Frame Holder Kit (SOLGFHK)
SŌL Barndoor (SOLBD)
Fixture Interconnect Splice 6 Pack (FISP06)
Interconnect Clamp Adapter (FICA01)
8050000053 - Omega Bracket

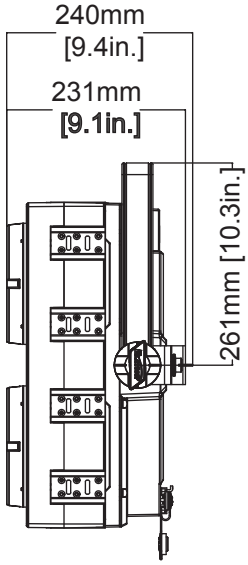
APPROVALS / RATINGS
CE | IP65 | FCC | UKCA

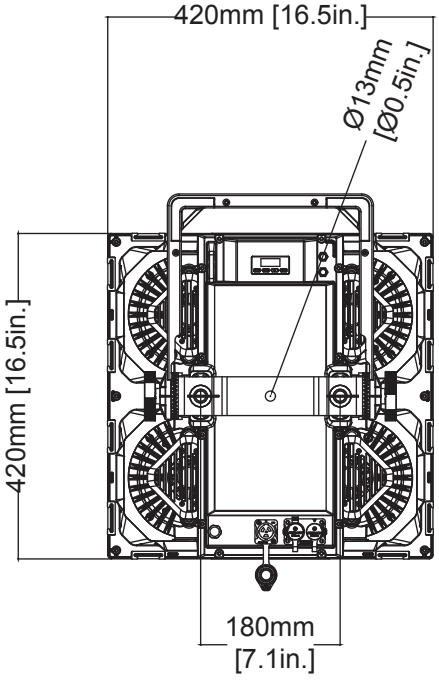
Specifications and documentation subject to change without notice.

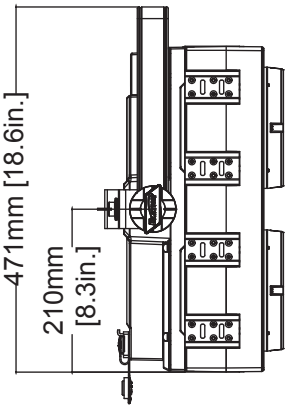
DIMENSIONAL DRAWINGS

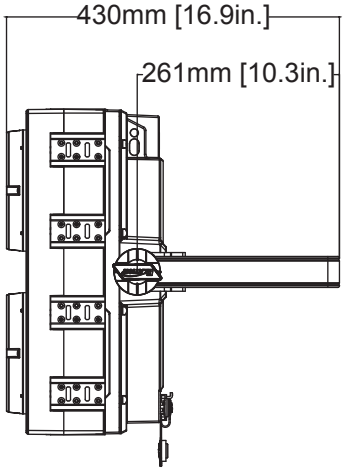
Drawings not to scale

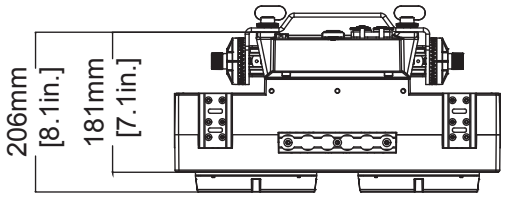
FIXTURE







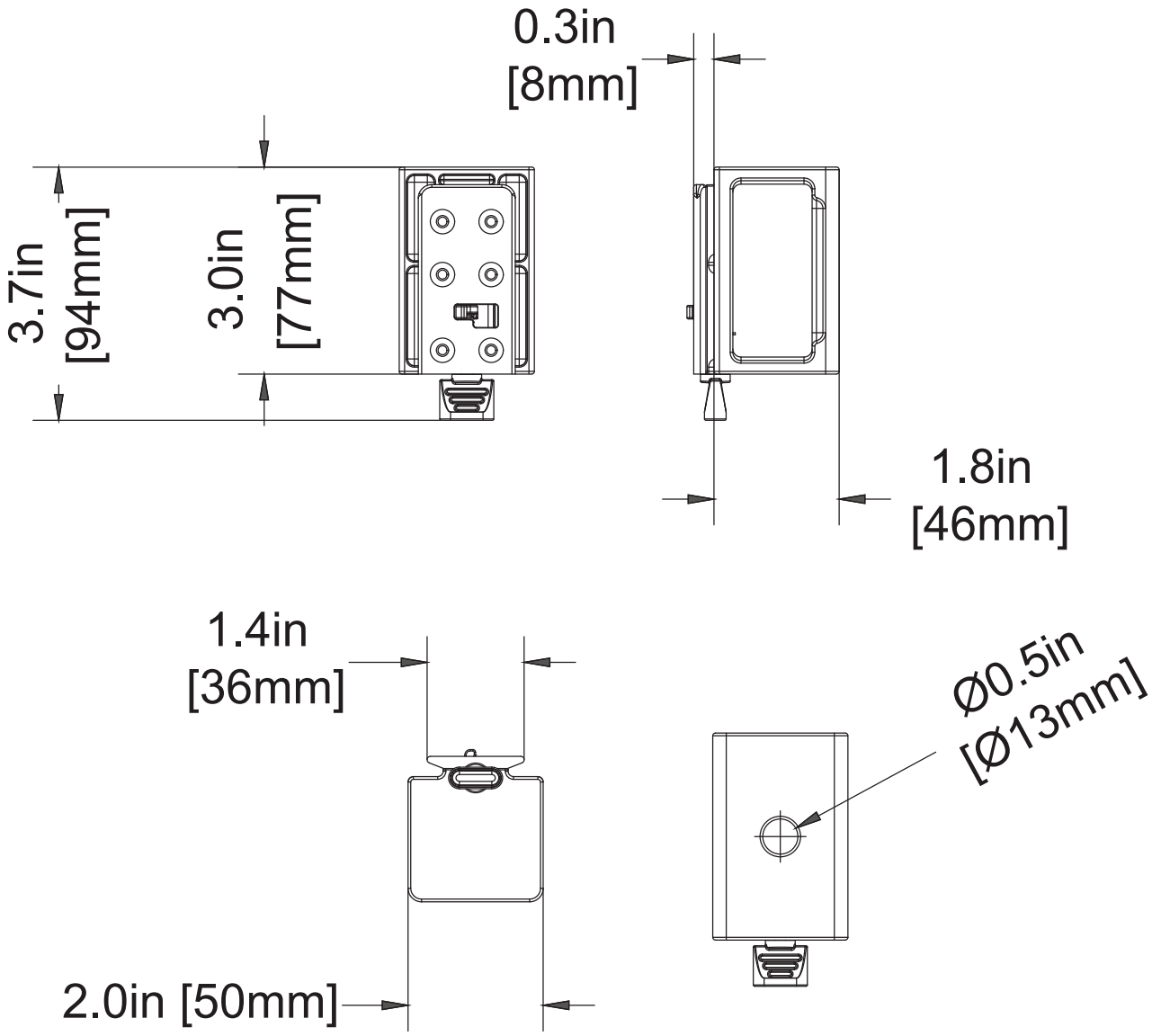




DIMENSIONAL DRAWINGS

Drawings not to scale

INTERCONNECT CLAMP ADAPTOR



ORDERING INFORMATION

SKU (US)	SKU (EU)	ITEM DESCRIPTION
SOL401	1236300108	SOL II BLINDER
SOL4HDY	N/A	SOL IV HD YOKE
SOLFL	N/A	SOL FRESNEL LENS
SOLFRO	N/A	SOL FROSTED LENS
SOLBA	N/A	SOL BOWENS ADAPTER
SOLDL	N/A	SOL DOME LENS
SOLBL	N/A	SOL BLACKOUT LENS
SOLGFHK	N/A	SOL GEL FRAME HOLDER KIT
SOLBD	N/A	SOL BARNDOOR
FISP06	N/A	FIXTURE INTERCONNECT SPLICE 6 PACK
FICA01	N/A	INTERCONNECT CLAMP ADAPTER
8050000053	N/A	OMEGA BRACKET

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!