ELATION PROFESSIONAL

WW PROFILE HP IP™

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 check www.elationlighting.com **for the latest revision/update of this manual, before beginning installation and/or programming.**

Date	Document Version	Software Version ≥	DMX Channel Modes	Notes
10/13/17	1	1.0.0	3 / 6 / 8	Initial release.
11/10/17	1.2	N/C	N/C	Updated System Menu.

C O N T E N T S

GENERAL INFORMATION

INTRODUCTION

Congratulations, you have just purchased one of the most innovative and reliable IP65 rated lighting fixtures on the market today! This fixture has been designed to perform reliably for years when the guidelines in this booklet are followed. Please read and understand the instructions in this manual carefully and thoroughly before attempting to operate this unit. These instructions contain important information regarding safety during use and maintenance.

IP65 RATED

An IP rated lighting fixture is one, which is commonly installed in outdoor environments and has been designed with an enclosure that effectively protects the ingress (entry) of external foreign objects such as dust and water. 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 one, which has been designed and tested to protect against the ingress of dust (6) and high-pressure water jets from any direction (5).

MARINE/COASTAL ENVIRONMENT INSTALLATIONS!

Please note although this fixture is IP rated, the fixture is NOT suitable for marine and/or coastal environment installations. Installing this fixture in a marine and/or 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 marine and/or coastal environment will void the manufactures warranty and will NOT be subject to any warranty claims and/or repairs.

ENSURE ALL CONNECTIONS AND END CAPS ARE PROPERLY SEALED WITH A NON-CONDUCTIVE DIELECTRIC GREASE (AVAILABLE AT MOST ELECTRICAL SUPPLIERS) TO PREVENT WATER INGRESS/CONDENSATION AND/OR CORROSION.

OPTIONAL CORROSION-RESISTANT COATING

Optional Corrosion-Resistant Coatings may be available for this fixture.
Please consult your **Elation Professional** sales representative for details.

UNPACKING

Every fixture 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 appears to be damaged, carefully inspect your unit for damage and be sure all accessories necessary to operate the unit 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 unit to your dealer without first contacting customer support at the number listed below. Please do not discard the shipping carton in the trash. Please recycle whenever possible.

BOX CONTENTS

IP Rated 5pin DMX Cable
powerCON TRUE1 Cable
Safety Cable

CUSTOMER SUPPORT

Elation Professional® provides a customer support line, to provide set up help and to answer any question should you encounter problems during your set up or initial operation. You may also visit us on the web at www.elationlighting.com for any comments or suggestions. For service related issue please contact Elation Professional®.

ELATION SERVICE USA - Monday - Friday 8:00am to 5:00pm PST
Voice: 323-582-3322   **Fax: 323-832-9142**
E-mail: support@elationlighting.com

ELATION SERVICE EUROPE - Monday - Friday 08:30 to 17:00 CET
Voice: +31 45 546 85 30   **Fax: +31 45 546 85 96**
E-mail: support@elationlighting.eu

WARRANTY REGISTRATION

Please complete and mail in the enclosed warranty card or register online: http://www.elationlighting.com/Login.aspx to validate your purchase. 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.

⚠️ **I M P O R T A N T N O T I C E !**

There are no user serviceable parts inside this unit. Do not attempt any repairs yourself; doing so will void your manufactures warranty. Damages resulting from modifications to this fixture and/or the disregard of safety and general user instructions found in this user manual void the manufactures warranty and are not subject to any warranty claims and/or repairs.

LIMITED WARRANTY

A. Elation Professional® hereby warrants, to the original purchaser, Elation Professional® products to be free of manufacturing defects in material and workmanship for a period of two years (730 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.

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SAFETY INSTRUCTIONS AND GUIDELINES

This fixture is an extremely sophisticated piece of electronic equipment. To guarantee a smooth operation, it is important to follow all instructions and guidelines in this manual. The manufacturer of this device 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 mounting hardware included will void the original manufactures warranty and increase the risk of damage and/or personal injury.

PROTECTION CLASS 1 - FIXTURE MUST BE PROPERLY GROUNDED!

DO NOT CONNECT GOBO ROTATOR CABLE TO FIXTURE WHEN FIXTURE IS POWERED ON!

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!

RETINA INJURY RISK - MAY INDUCE BLINDNESS!

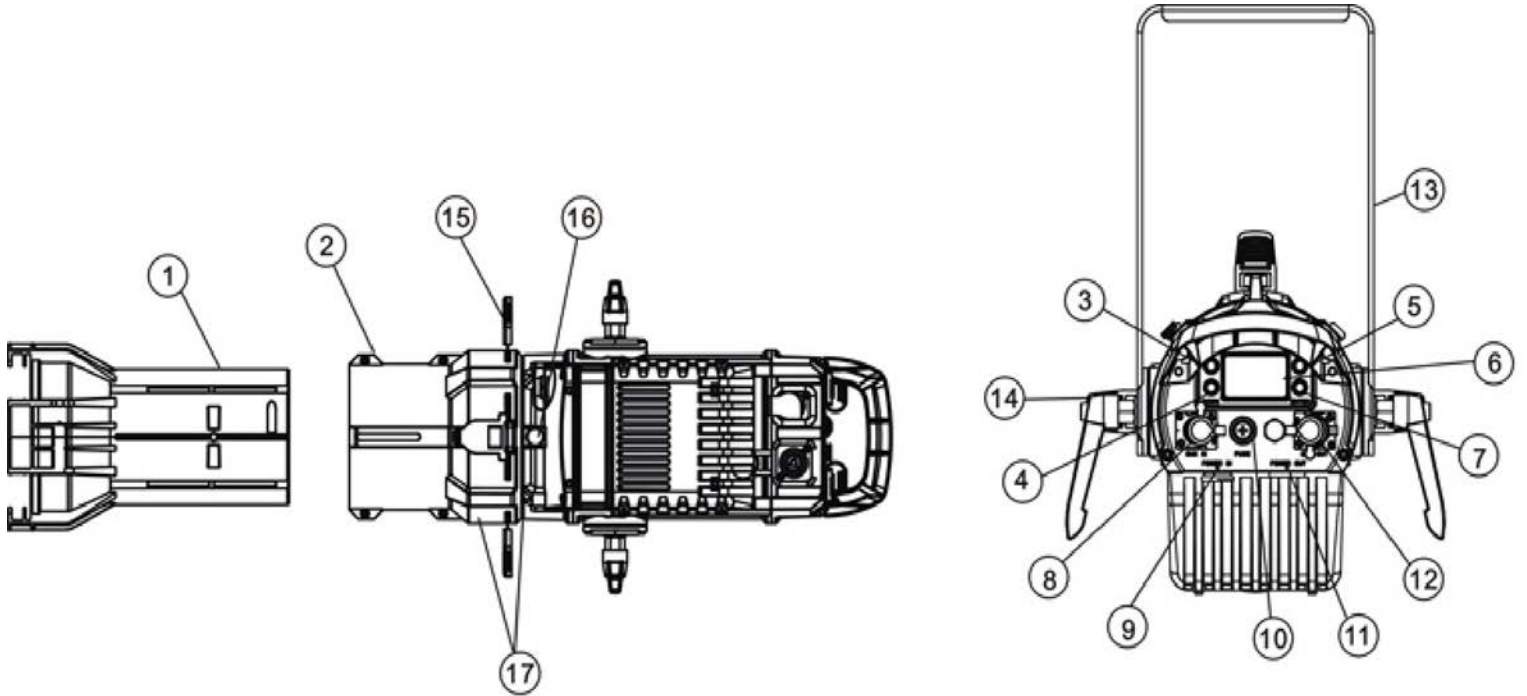**SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK!**

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.

SAFETY INSTRUCTIONS AND 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 has become frayed, crimped and/or damaged. If the power cord is 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.

- When installing fixture in a suspended environment, always use mounting hardware that is no less than M10 x 25 mm, and always install fixture with an appropriately rated safety cable.

- 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 the fixture will function properly for many years to come.

- Use the original packaging and materials to transport the fixture in for service.

- The average LED Life (hours) may vary depending on several factors including but not limited to: Environmental Conditions, Power/Voltage, Usage Patterns (On-Off Cycling), Control and Dimming.

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O V E R V I E W

1. **Lens (not included)**	10. **FUSE**
2. **FOCUS**	11. **powerCON TRUE1 OUT**
3. **UP Button**	12. **5pin DMX OUT**
4. **DOWN Button**	13. **Mounting Yoke**
5. **MODE/ESC Button**	14. **Adjustable Yoke**
6. **LCD Menu Control Display**	15. **BLADE SHUTTERS**
7. **ENTER Button**	16. **LENS Rotation**
8. **5pin DMX IN**	17. **ROTATION**
9. **powerCON TRUE1 IN**	18. **Static Gobo/ Gobo Rotator Slot***
	*Static Gobo Holder / Gobo Rotator Not Included

LENS AND GOBO HOLDER INSTALLATION

GOBO HOLDER

Please place GOBO here.

LENS(not included - sold separately)

Options Available in 19° /26° /36° /50° Fixed Beams
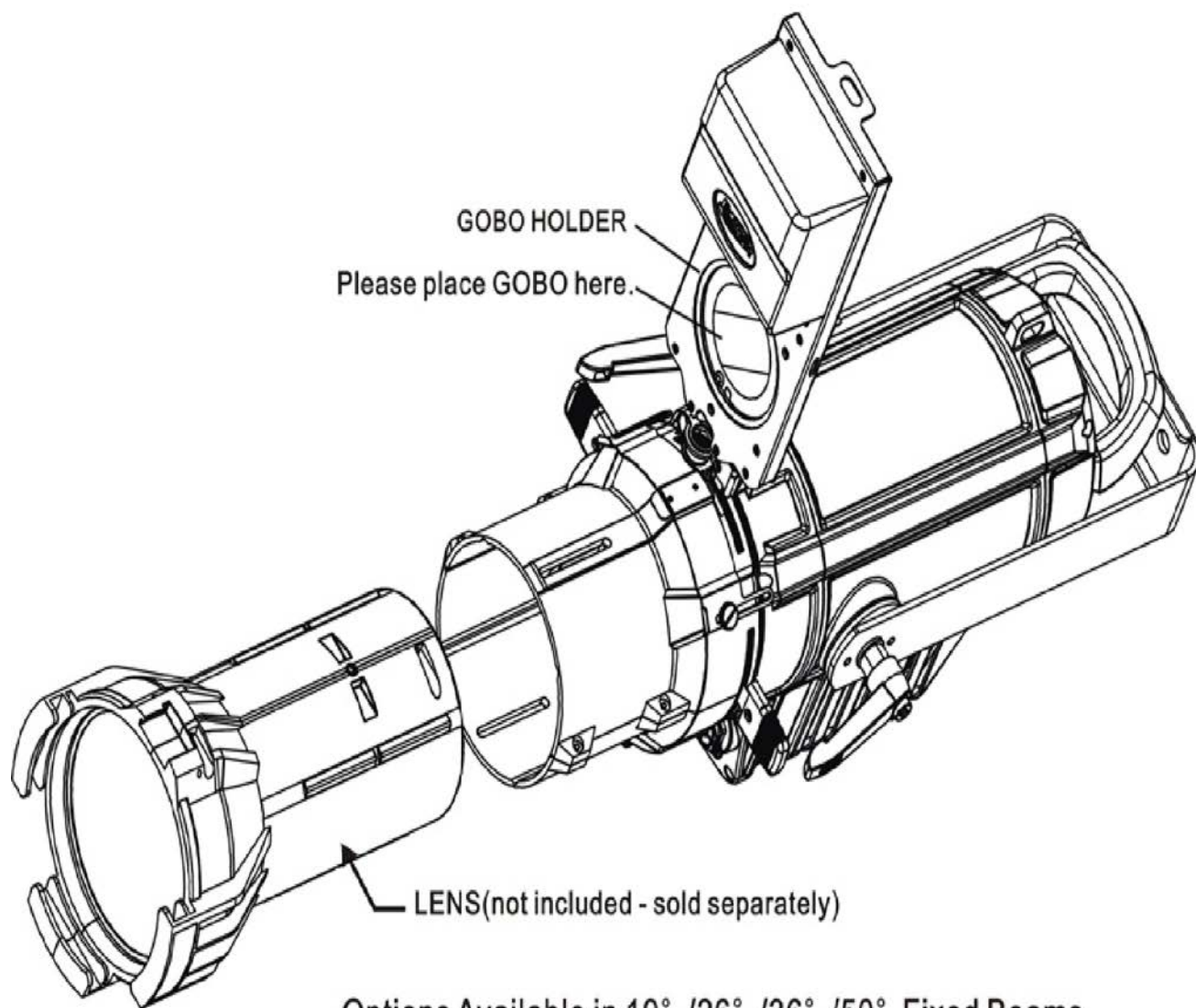
⚠️
*Static Gobo Holder / Gobo Rotator Not Included
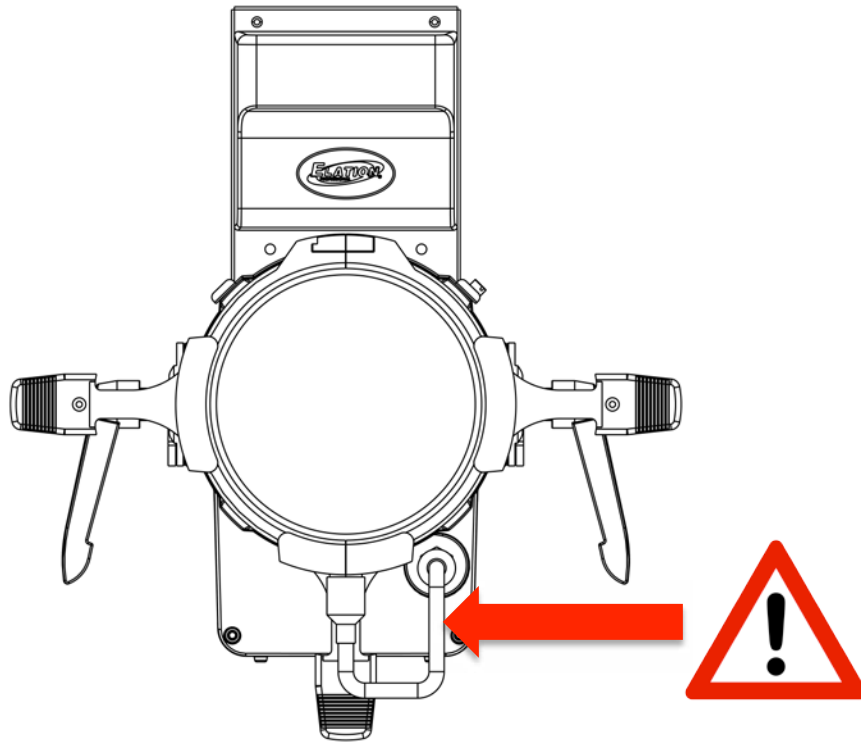
FIXTURE MUST BE POWERED OFF BEFORE CONNECTING! FAILURE TO DO SO WILL CAUSE DAMAGE TO THE FIXTURE!

INSTALLATION

⚠	**FLAMMABLE MATERIAL WARNING** **Keep fixture at least 5.0 feet (1.5m) away from any flammable materials, decorations, pyrotechnics, etc.**

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

⚠ **WARNING** ⊂--- 0.5 m

Minimum distance to lighted objects 0.5 meters.
Minimum distance of inflammable materials from the surface 0.5m.

CAUTIONS

- For added protection, mount the fixture in areas outside walking paths, seating areas, or in areas were unauthorized personnel might reach the fixture.

- Ambient operating temperature range for this fixture is **14° to 113°F. (-10° to 45°C)** Do not use the fixture under or above this temperature.

- Before mounting the fixture to any surface, make sure the installation area can hold a minimum point load of 10 times the weight of the fixture.

- Fixture installation must always be secured with a secondary safety attachment, such as an appropriate safety cable.

- Never stand directly below the device when mounting, removing or servicing.

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POWER LINKING

Max number of **WW PROFILE HP IP™** units power linked together:

5 units @120V | **10 units @240V**

▶ **NOTE: USE CAUTION WHEN POWER LINKING OTHER MODEL FIXTURES AS THE POWER CONSUMPTION OF OTHER FIXTURES MAY EXCEED THE MAX OUTPUT ON THIS FIXTURE.**

CLAMP MOUNTING

This fixture includes an adjustable mounting yoke and safety cable rigging point attached to the fixture (see the illustration below). When mounting this fixture to truss, be sure to secure an appropriately rated clamp (not included) to the yoke using an M10 screw, and attach a **SAFETY CABLE** to the fixture safety cable rigging point.

SAFETY CABLE RIGGING POINT
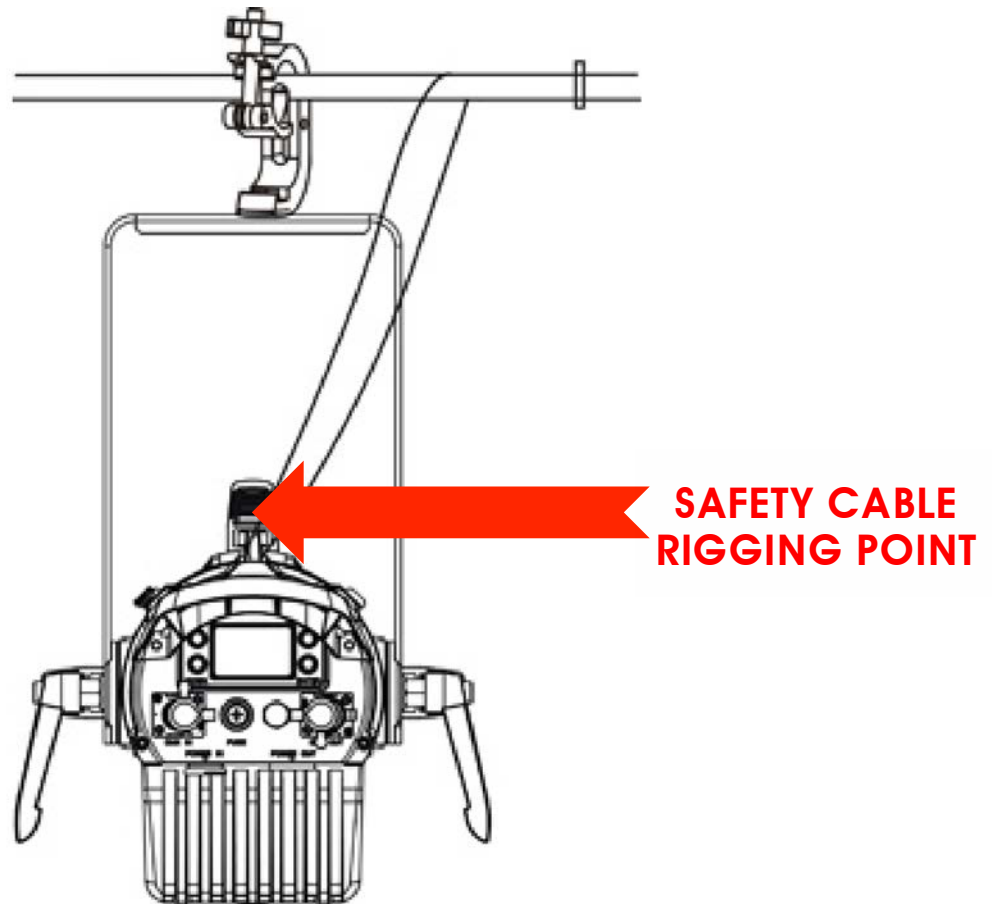
RIGGING

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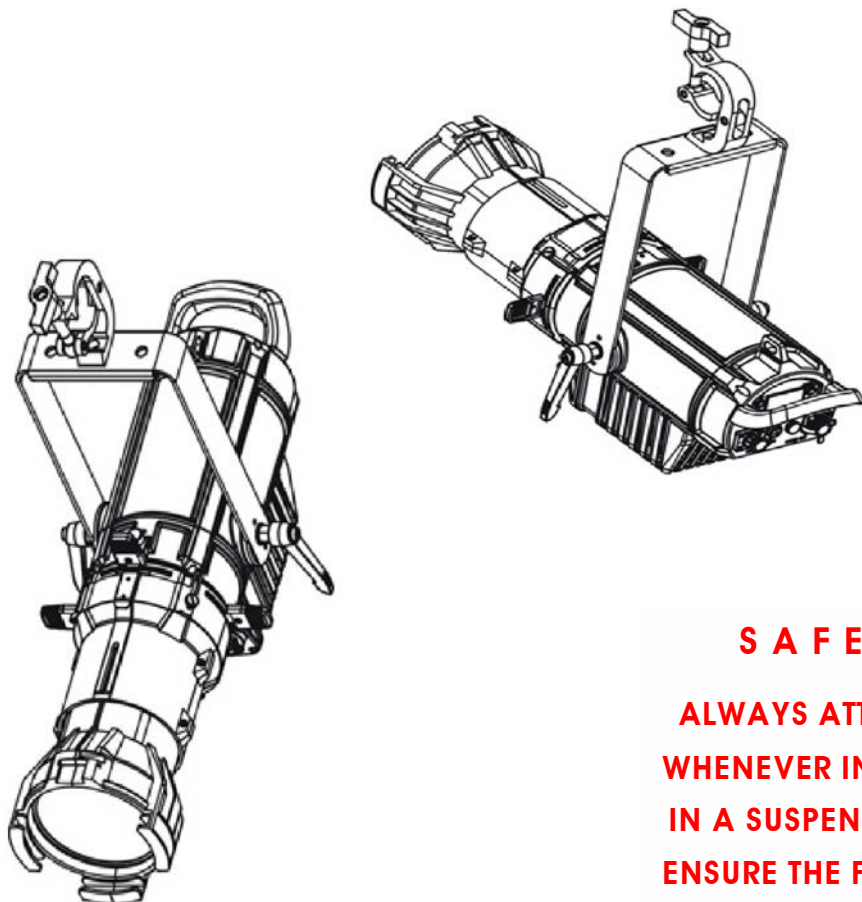 inspection of all installation material and the fixture. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury. Fixture is fully operational in the specific mounting positions illustrated below.


⚠️

S A F E T Y   C A B L E

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

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 **MODE/ESC** 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 **UP, DOWN, RIGHT,** and **LEFT** 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 **MODE/ESC** button.

▶ **NOTE**: To access the LCD Menu Control Display via the internal battery, press and hold the **MODE/ESC** button for 3 seconds. The LCD Menu Control Display will shut **OFF** automatically about 1 minute from the last button press.
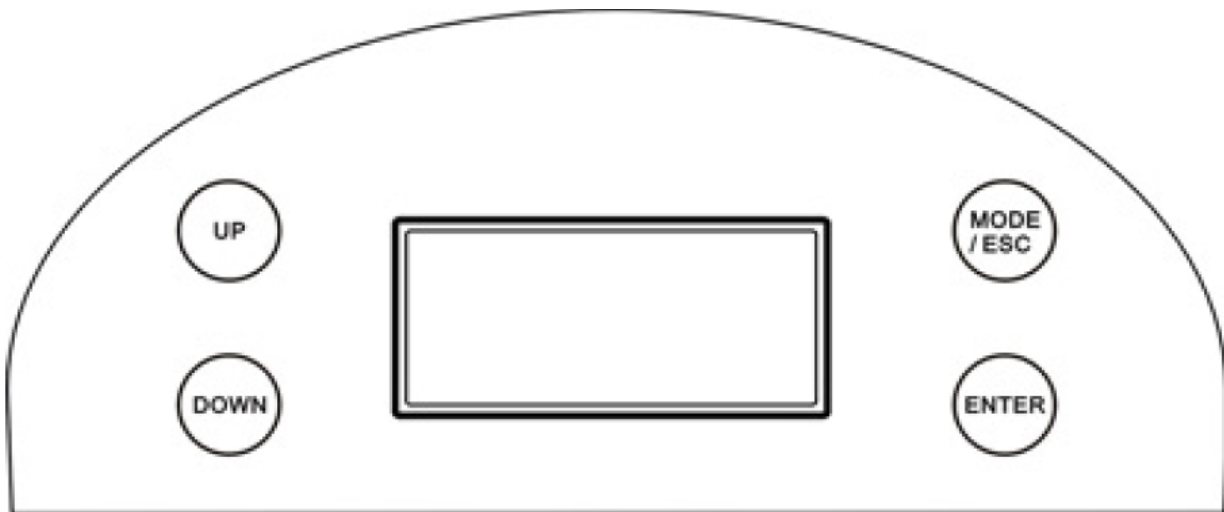
MAIN MENU	SUB MENU	OPTIONS / VALUES (Default Settings in **BOLD**)		DESCRIPTION
		ELATION© WW PROFILE HP IP™ **S Y S T E M M E N U**		
		Supports Software Versions: ≥1.0.0		
		Features are subject to change without any prior written notice.		
FuncMode	Address	**001**~XXX		DMX Address Setting
	ValuDisp	=All Ch...		DMX Value Display
	SetSlave	Slave1, Slave2, Slave3		Slave Setting
	AutoProg	Master / Alone		Auto Program
Info	TimeInfo	Cur Time	XXXX(Hours)	Power On Running Time
		TotalHrs	XXXX(Hours)	Fixture Running Time
		Last Hrs	XXXX(Hours)	Fixture Last Times Clear
		TimePass	Password=XXX	Timer Password **038**
		Clr Last	ON/**OFF**	Clear Fixture Last Time
	TempInfo	HeadTemp	XXX C° / **F** °	Temperature in Fixture
	Soft Ver	**=1.0.2 (or greater)**		Software Version
	Fan Info	**stand by**, fault, xxxRPM		
Persnal	Stat Set	Addr DMX	**ON**/OFF	Address Via DMX
		NoDMXSta	CloShut/**Hold**/Auto	Auto Run If No DMX
	FansCtrl	**Auto**, Full, Theatre		Fans Control Settings
	Disp Set	Off Time	02~60m **OFF**	Display Shut Off Time
		Key Lock	ON/**OFF**	LCD Control Panel Key Lock
	Temp C/F	Cels/**Fahren**		Temperature Switch Between C°/ F°
	Man Hold	ON / **OFF**		Keep Man. Settings When Power Loss
	Refresh	Fq=900-**(1200)**-1500, 2.5K, 4K, 5K, 10K, 15K, 20K, 25K		Refresh Frequency Rate Setting
	Gamma	Gama = 2.0, **2.2**, 2.4, 2.6, 2.8		Gamma Brightness Setting
	ResetDef	ON/**OFF**	Passcode **011**	Restore factory settings
Reset	ALL	All		Reset All Motors
	Gobos	Gobos		Reset Gobo Rotator
ManCntrl	ManCntrl	Auto, White, WhiteFi, GoboRot, Strobe, Dimmer, DimFine, DimMode		Adjust Functions Manually
	Calibrat	Password	Passcode **050**	Calibration Password **050**
		White [**255**-0]		Calibrate LED
Mode Set	UserMode	**3CH**, 6CH, 8CH		DMX Channel Modes
Dimming	Dimming	**Standar**, Stage, TV, Archite, Theatre		Dimming Modes
EditProg	Sel Prog	ProPart1 = Prog 1~10 **(Program 1)**		Select Programs To Be Run
		ProPart2 = Prog 1~10 **(Program 2)**		
		ProPart3 = Prog 1~10 **(Program 3)**		
	EditProg	Prog 1 : Prog 10	ProgTest = T01SCxxx	Testing Program
			EdStep 01 = S01SCxxx	Program In Loop
			EdStep 64 = S64SCxxx	Save and Exit
	EditScen	Scene 001 ~ Scene 250	Cool = Cool=xxx ~ InByOut = Time=xx.xs	Save and Automatically Return Manual Scenes Edit
	RecCntrl	XX~XX		Automatic Scenes Recorder

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Persnal - Stat Set - <u>Addr DMX</u>

When ON, define the desired fixture DMX address via an external controller.

NOTE: This process assumes the fixture DMX address is set to 001. If fixture DMX address is not at 001, you must adjust the channel numbers listed below accordingly in order for this feature to work. For example: if your fixture address is 010, then Channel 1 becomes Channel 10, Channel 2 becomes Channel 11, and Channel 3 becomes Channel 12.

1. Connect the fixture to the external controller and power ON.

2. Set the DMX value of **Channel 1** on the controller to **(7)**.

3. Set the DMX value of **Channel 2** on the controller to **(7)** or **(8)**.
   When set to **(7)**, the DMX address can be set between **(1)** and **(255)**.
   When set to **(8)**, the DMX address can be set between **(256)** and **(511)**.

4. Using **Channel 3** on the controller set the desired DMX address of the fixture.

   Example 1: If the desired DMX address is **57**, set **Channel 1** to a value of **(7)**, set **Channel 2** to a value of **(7)**, and then set **Channel 3** to a value of **(57)**.

   Example 2: If the desired DMX address is **420**, set **Channel 1** to a value of **(7)**, set **Channel 2** to a value of **(8)**, and then set **Channel 3** to a value of **(164)**. (256+164=420)

5. After setting **Channel 3** to the desired DMX address value, wait approximately 20-45 seconds for the new address to be assigned to the fixture.

Dimming – <u>DimModes</u>

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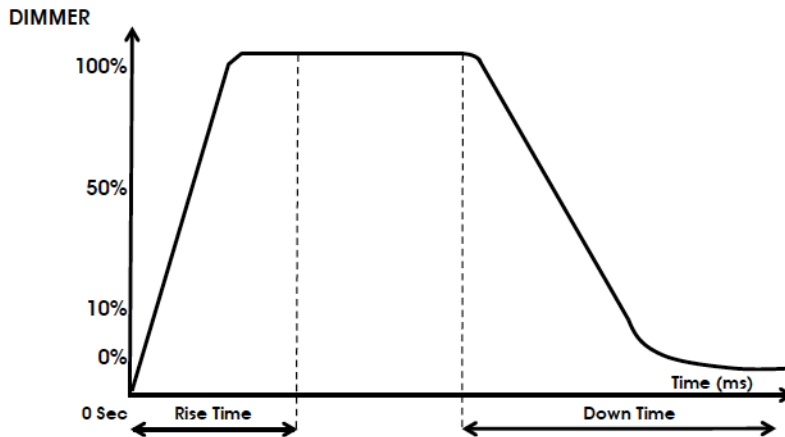
Dimming Curve Ramp Effect	0 sec Fade Time		1 sec Fade Time	
	Rise Time (ms)	Down Time (ms)	Rise Time (ms)	Down Time (ms)
Standard (default)	0	0	0	0
Stage	780	1100	1540	1660
TV	1180	1520	1860	1940
Architectural	1380	1730	2040	2120
Theatre	1580	1940	2230	2280

Persnal - <u>Reset Default</u> (011)

ONLY QUALIFIED TECHNICIANS SHOULD PERFORM THIS FUNCTION.

NOTE: SAVED WHITE BALANCE IS ERASED AFTER A RESET IS PERFORMED.

This function restores all fixture settings to the factory default settings. The password is **011** and must be entered each time a reset is performed.

EditProg – <u>Sel Prog</u>

Select one of the (10) user defined internal Auto Programs.

EditProg – <u>EditProg</u>

Edit any of the (10) user defined internal Auto Programs.

EditProg – <u>EditScen</u>

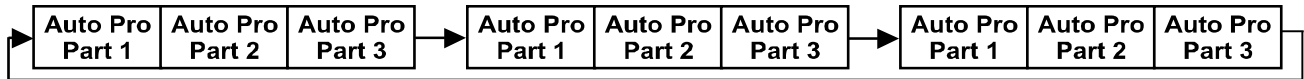Edit any of the (250) scenes of the internal Auto Programs.

EditProg – <u>RecCntrl</u>

The fixture features an integrated DMX-recorder by which you can transmit the programmed scenes from your DMX-controller to the moving head. Adjust the desired scene numbers via the encoder (from – to). When you call up the scenes at your controller, they will automatically be transmitted to the moving head.

EDIT PROGRAM – Record Controller – <u>Working With Built In Programs</u>

A Master unit can send up to 3 different data groups to the Slave units, i.e. a Master unit can start 3 different Slave units, which run 3 different programs. The Master unit sends the 3 program parts in a continuous loop.

| Auto Pro Part 1 | Auto Pro Part 2 | Auto Pro Part 3 | → | Auto Pro Part 1 | Auto Pro Part 2 | Auto Pro Part 3 | → | Auto Pro Part 1 | Auto Pro Part 2 | Auto Pro Part 3 |

The Slave unit receives data from the Master unit according to the group which the Slave unit was assigned to. If e.g. a Slave unit is set to **"Slave 1"** in the menu **"Set to Slave"**, the Master unit sends **"Auto Program Part 1"** to the Slave unit.
If set to **"Slave 2"**, the Slave unit receives **"Auto Program Part 2"**.

To start an Auto Program proceed as follows:

1. Slave Setting

• Select **"Function Mode"**.

• Press **ENTER** to confirm.

• Select **"Set to Slave"**.

• Press **ENTER** to confirm.

• Select **"Slave 1", "Slave 2"** or **"Slave 3"**.

• Press **ENTER** to confirm.

• Press **MODE/ESC** in order to return to the main menu.

2. Automatic Program Run

• Select **"Function Mode"**.

• Press **ENTER** to confirm.

• Select **"Auto Program"**.

• Press **ENTER** to confirm.

• Select **"Master"** or **"Alone"**.

• Press **ENTER** to confirm.

• Press **MODE/ESC** in order to return to the main menu.

3. Program Selection for Auto Pro Part

- Select **"Edit Program"**.
- Press **ENTER** to confirm.
- Select **"Select Programs"**.
- Press **ENTER** to confirm.
- Select **"Auto Pro Part 1"**, **"Auto Pro Part 2"** or **"Auto Pro Part 3"**, and select which Slave program is to be sent. Selection **"Part 1"** means, that the Slave unit runs the same program as the master units.
- Press **ENTER** to confirm.
- Press **MODE/ESC** in order to return to the main menu.

4. Program Selection for Edit Program

- Select "**Edit Program"**.
- Press **ENTER** to confirm.
- Select **"Edit Program"**.
- Press **ENTER** to confirm.
- Select the desired program to edit specific scenes into a specific program.
- Press **ENTER** to confirm.
- Press **MODE/ESC** in order to return to the main menu.

5. Automatic Scene Recording

- Select **"Edit Program"**.
- Press **ENTER** to confirm.
- Select **"Edit Scenes"**.
- Select desired scene numbers. A maximum of 250 scenes can be programmed.
- Press **ENTER** to confirm.
- Press **MODE/ESC** in order to return to the main menu.

Example:
Program 2 includes scenes: 10, 11, 12, & 13
Program 4 includes scenes: 8, 9, & 10
Program 6 includes scenes: 12, 13, 14, & 15
Auto Pro Part 1 is Program 2
Auto Pro Part 2 is Program 3
Auto Pro Part 3 is Program 6

The 3 Slave groups run the Auto Program in certain time segments. (See diagram below)

Part 1:

Scene 10	Scene 11	Scene 12	Scene 13

Part 2:

Scene 8	Scene 9	Scene 10	Scene 8

Part 3:

Scene 12	Scene 13	Scene 14	Scene 15
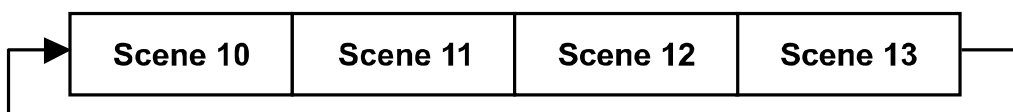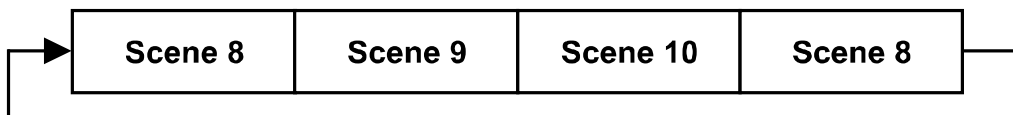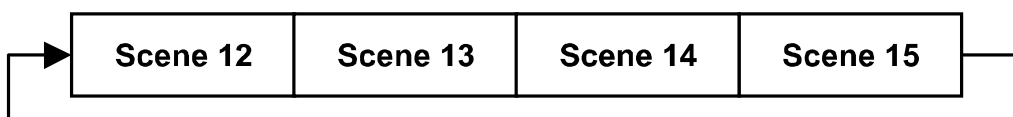
D M X   C H A N N E L   F U N C T I O N S   A N D   V A L U E S

MODE / CHANNEL			VALUE	FUNCTION
3CH	6CH	8CH		
1	1	1		LED INTENSITY
			0-255	Intensity 0 to 100%
N/A	N/A	2		LED FINE INTENSITY
			0-255	FINE Intensity Adjustment
2	2	3		GOBO ROTATOR
			0-127	GOBO Indexing
			128-189	Clockwise Rotation FAST to SLOW
			190-193	NO Rotation
			194-255	Counter-Clockwise Rotation SLOW to FAST
N/A	3	4		STROBE
			0-31	LED OFF
			32-63	LED ON
			64-95	Strobe Effect SLOW to FAST
			96-127	LED ON
			128-159	Pulse Effect In Sequences
			160-191	LED ON
			192-223	Random Strobe Effect SLOW to FAST
			224-255	LED ON
N/A	4	5		DIMMER
			0-255	Dimmer 0 to 100%
N/A	N/A	6		DIMMER FINE
			0-255	Dimmer FINE Adjustment
N/A	5	7		DIMMING CURVES
			0-20	STANDARD
			21-40	STAGE
			41-60	TV
			61-80	ARCHITECTURAL
			81-100	THEATRE
			101-255	Default to Unit Dimming Curve Setting
3	6	8		SPECIAL CONTROL
			0-79	Normal
			80-84	ALL Motor Reset
			85-87	NO Function
			88-90	Engage Scene By Input
			91-93	NO Function
			94-96	Store Scene 1 into Internal Memory
			97-99	NO Function
			100-119	Internal Program 1 (Scene 1~8)
			120-139	Internal Program 2 (Scene 9~16)
			140-159	Internal Program 3 (Scene 17~24)
			160-179	Internal Program 4 (Scene 25~32)
			180-199	Internal Program 5 (Scene 33~40)
			200-219	Internal Program 6 (Scene 41~48)
			220-239	Internal Program 7 (Scene 49~56)
			240-255	NO Function

CLEANING AND MAINTENANCE

C A U T I O N

Disconnect power before cleaning or maintenance.

CLEANING

Frequent cleaning is recommended to insure 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 the external lens surface at least every 20 days 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 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. Lose 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.

TECHNICAL SPECIFICATIONS

SOURCE
High Power 130W Warm White LED
50,000 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.

EFFECTS
Electronic Strobe and 16bit Dimming
Selectable Dimming Curve Modes

GOBOS
Supports "B" Size Metal Gobos (static gobo holder not included)
IP65 Rated DMX Controlled Dual Gobo Rotator (not included sold separately)

CONTROL / CONNECTIONS
3 DMX Channel Modes (3 / 6 / 8)
Adjustable Refresh Rate
Adjustable Gamma Brightness
4 Button Control Panel / LED Menu Display
IP Rated 5pin DMX In/Out / powerCON TRUE 1 In/Out

SIZE / WEIGHT
Length: 29.6" (753mm)
Width: 13.9" (353mm)
Vertical Height: 18.9" (480mm)
Weight: 24 lbs. (11kg)

ELECTRICAL / THERMAL
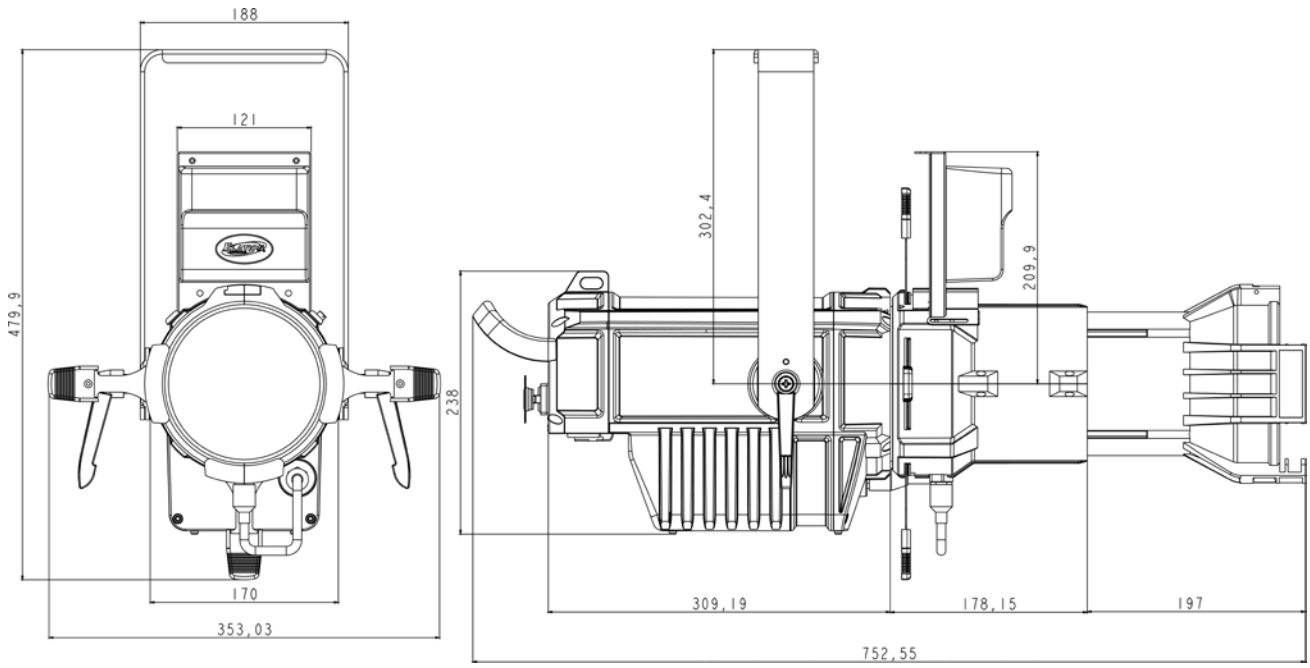AC 100-240V - 50/60Hz
170W Max Power Consumption
14°F to 113°F (-10°C to 45°C)

APPROVALS / RATINGS

CE | IP20 ETL c us
Intertek
40108332

Please Note: Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

www.elationlighting.com

DIMENSIONAL DRAWINGS

188

121

479,9

238

302,4

209,9

170

353,03

309,19

178,15

197

752,55

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OPTIONAL ACCESSORIES

ORDER CODE	ITEM
QUICK RIG CLAMP	Low Profile Quick Release Clamp
IPR701	IP65 Rated DMX Controlled Dual Gobo Rotator
PHD019	Profile High Definition Lens 19°
PHD126	Profile High Definition Lens 26°
PHD236	Profile High Definition Lens 36°
PHD350	Profile High Definition Lens 50°
NEU088	3 ft. (1m) powerCON TRUE1 Power Link Cable
	Additional Cable Lengths Available

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