ELATION
PROFESSIONAL

ACL CURTAIN™

user manual

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

323-582-3322 | 323-832-9142 fax | www.elationlighting.com | info@elationlighting.com

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

+31 45 546 85 66 | +31 45 546 85 96 fax | www.elationlighting.eu | info@elationlighting.eu

DOCUMENT VERSION

☞ **Please check** www.elationlighting.com **for the latest revision/update of this manual.**

Date	Document Version	Software Version	DMX Channel Modes	Notes
9/30/15	1	≥1.12	1CH:04 / 2CH:04 / 6 1CH:08 / 2CH:08 10 / 12 / 56 / 58 / 60 / 63	Initial release.

C O N T E N T S

GENERAL INFORMATION

INTRODUCTION

Congratulations, you have just purchased one of the most innovative and reliable lighting fixtures on the market today! The 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.

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

- (1) powerCON Cable
- (1) Glare Shield
- (1) Frost Filter
- Manual & Warranty Card

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 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.

IMPORTANT NOTICE!

☞ **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 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.

SAFETY INSTRUCTIONS

This fixture is an extremely sophisticated piece of electronic equipment. To guarantee a smooth operation, it is important to follow the guidelines in this manual. The manufacturer of this device will not accept responsibility for damages resulting from the misuse of this fixture due to the disregard of the information printed in this manual.

This device falls under **PROTECTION CLASS 1**. It's essential this device be grounded properly. Only qualified personnel should perform all electrical connections.

INDOORS USE ONLY!
DO NOT EXPOSE FIXTURE RAIN AND MOISTURE!

UNPLUG POWER BEFORE SERVICING FIXTURE!
DO NOT PLUG FIXTURE INTO A DIMMER PACK!
NEVER TOUCH FIXTURE DURING OPERATION, AS IT MAY BE HOT!

NEVER LOOK DIRECTLY INTO THE LIGHT SOURCE!
SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK!

- For proper operation, follow the **Installation** guidelines described in this manual. Only qualified and certified personnel should perform installation of this fixture and only the original rigging parts (brackets) included with this fixture should be used for installation. Any modifications will void the original manufactures warranty and increase the risk of damage and/or personal injury.

- Never look directly into the light source of this fixture to prevent risk of injury to your retina, which may induce blindness. Those suffering from **EPILEPSY** should avoid looking directly into the light source of this unit at all times.

- The fan and air inlets must remain clean and never blocked. Allow approx. 6" (15cm) between this fixture and other devices or a wall for proper cooling.

- Always disconnect 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.

- Do not operate this 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.

G E N E R A L   G U I D E L I N E S

- **N E V E R   O P E N   T H I S   F I X T U R E   W H I L E   I N   U S E !**

- 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.

- This fixture is a professional lighting effect designed for **INDOOR / DRY LOCATIONS ONLY** on stage, in nightclubs, theatres, etc.

- Please make sure there are **NO FLAMMABLE MATERIALS** close to the fixture while operating, to prevent any fire hazard.

- The fixture must be installed in a location with adequate ventilation, at least 1.5 feet (.5m) from adjacent surfaces. Be sure no air ventilation slots are blocked.

- **DO NOT** attempt installation and/or operation without knowledge how to do so.

- **DO NOT** permit operation by persons who are not qualified to operate this type of fixture. Most damages are the result of operations by nonprofessionals.

- Consistent operational breaks may ensure the fixture will function properly for many years to come.

- **DO NOT** shake fixture, avoid brute force when installing and/or operating fixture.

- Always install the fixture with an appropriate safety cable. When installing the fixture in a suspended environment, always use mounting hardware that is no less than M10 x 25 mm, also be sure the hardware is insert in the pre-arranged screw holes in the bracket of the fixture.

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

- **DO NOT TOUCH** the housing bare-hand during its operation. Turn OFF the power and allow approximately 15 minutes for the fixture to cool down before replacing or serving.

FIXTURE OVERVIEW
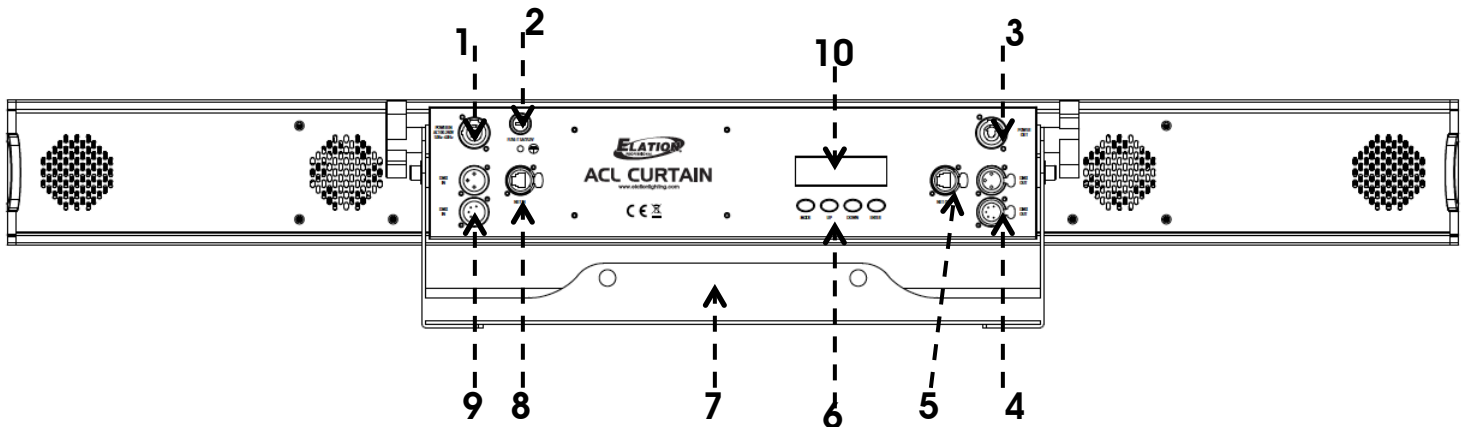
1. **powerCON IN**

2. **Fuse**

3. **powerCON OUT**

4. **3pin & 5pin DMX OUT**

5. **RJ45 NET OUT**

6. **MODE, UP, DOWN, ENTER Buttons**

7. **Mounting Bracket / Yoke**

8. **RJ45 NET IN**

9. **3pin & 5pin DMX IN**

10. **LCD MENU Control Display**

FIXTURE INSTALLATION

⚠	**FLAMMABLE MATERIAL WARNING** **Keep fixture at least 5.0 ft. (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.**

☞ 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 **5°F to 113°F (-15°C 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.

☞ POWER LINKING

Max number of units that can be power linked is **4 units @110V** and **9 units @240V**.

CLAMP MOUNTING

The fixture provides an integrated yoke/rigging bracket. When mounting this fixture to truss be sure to secure an appropriately rated clamps to the yoke/rigging bracket using a M10 screw fitted through the center hole.

MOUNTING POINTS

- Overhead mounting requires extensive experience, including amongst others calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the device. 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 as illustrated below.
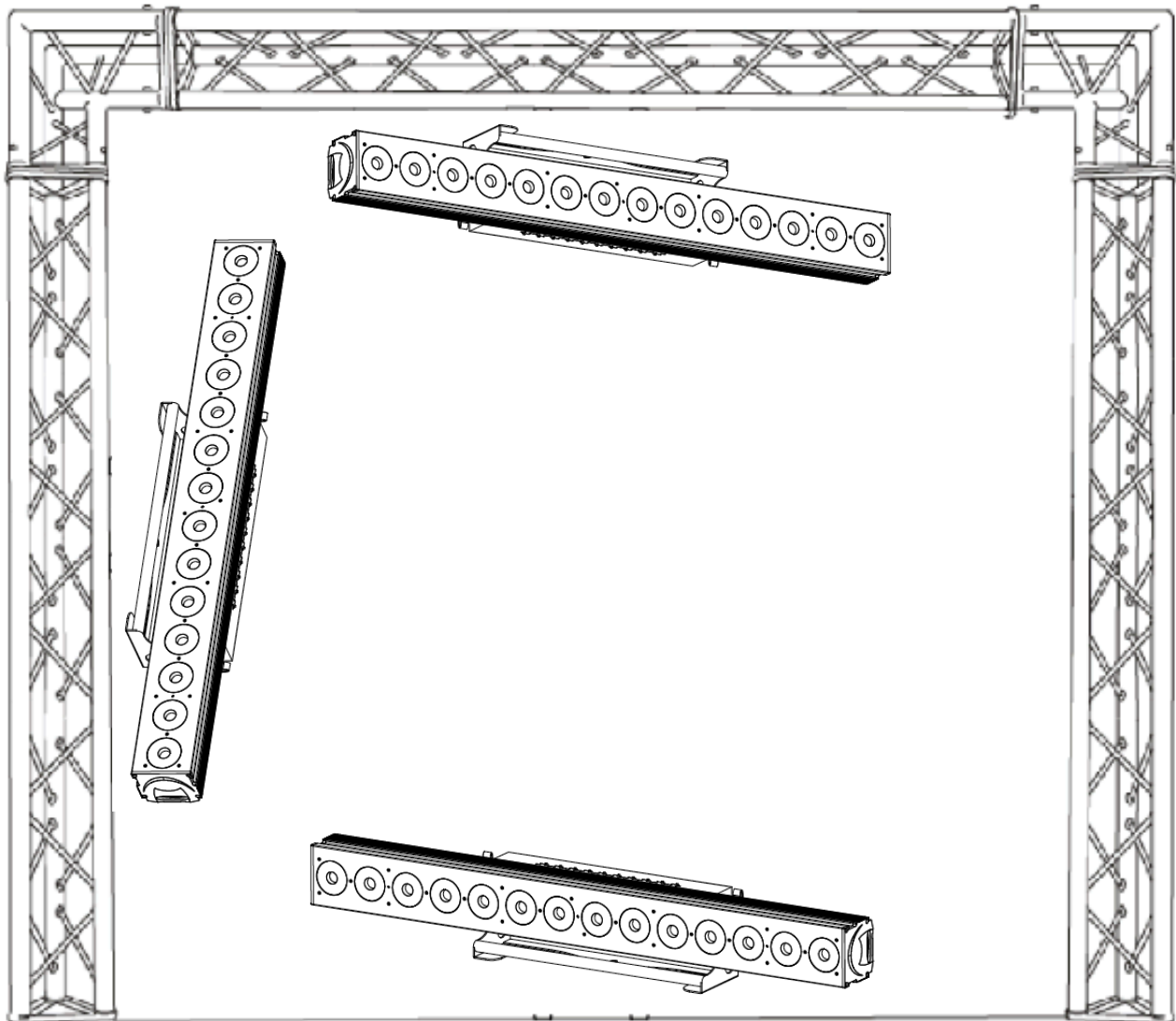
☞ SAFETY CABLE

Always use a Safety Cable whenever installing this fixture in a suspended environment to ensure the fixture will not drop if the clamp fails.

FIXTURE MENU

ON-BOARD SYSTEM MENU

The fixture comes with an easy to navigate system menu. The next section will detail the functions of each command in the system menu.

LCD MENU CONTROL PANEL

The control panel (see image below) located on the top of the fixture allows you to access the main menu and make all necessary adjustments to the fixture. During normal operation, pressing **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 **UP,** and **DOWN** buttons. Once you reach a field that requires adjusting, press the **ENTER** button to activate that field and use the **UP** and **DOWN** buttons to adjust the field. Pressing the **ENTER** button once more will confirm your setting. You may exit the main menu at any time without making any adjustments by pressing the **MODE** button.

NOTE: the LCD Menu Control Display will shut OFF and lockout after 30 seconds of no use. Press and hold the **MODE** button for 10 seconds to unlock the LCD display.

| MODE | UP | DOWN | ENTER |
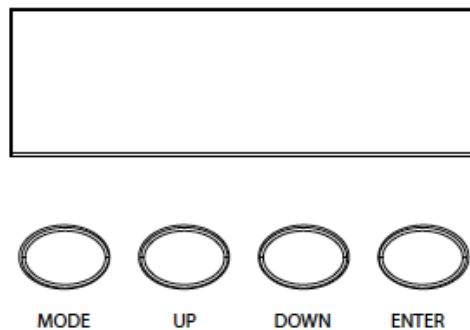
INFORMATION DISPLAYED DURING INITIAL POWER ON

When the fixture is initially powered ON, the display shows the following information:

| Software Update Please Wait... | → | ELATION | → | ACL CURTAIN V1.12 |

Fixture Software Version
(Greater than or equal to)
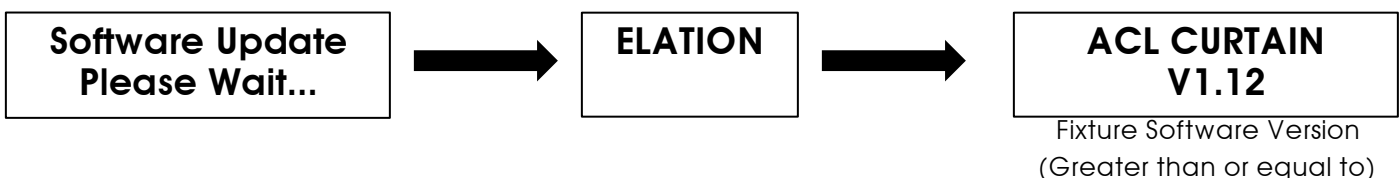
ELATION© ACL CURTAIN™ SYSTEM MENU			
Specifications are subject to change without any prior written notice. **Defaults In Bold.**			
MENU	**OPTIONS / VALUES**		**DESCRIPTION**
DMX MODE ADDR:001 CH:xx	ADDR:**001** - 512 1CH:04, **2CH:04**, CH:06, CH:08, CH:10, CH:12, CH:28, CH:30, CH:32, CH:35		DMX Address Setting DMX Channel Mode
SLAVE MODE			Set Fixture To Slave Mode
AUTO RUN FQN:xx	**FQN:01**-99		Set Number Of Times Each INTERNAL PROGRAM MACRO Repeats Before Moving To Next Macro.
01.STATIC - 15.FLOW 10	**01.STATIC** **CL:RGB FADE00**		Select INTERNAL PROGRAM MACRO.
Dim Curve	**Standard**, Stage, TV, Architectural, Theatre		Set Desired Dimming Curve
Pixel Flip	**OFF**, ON		Set Starting Pixel LED. See Pixel Flip Setting Section.
NO DMX MOD	**Hold**, Blackout, Program		Define How Fixture Reacts When NO DMX Signal Present.
Manual	**R**000-**255** **G**000-**255** **B**000-**255** **W**000-**255** **Strobe:000**		Set RGBW + Strobe values manually for ALL 7 LEDs.
Macros	00-**64**		Set Color Macro.
Fan Set	Fan Speed **Auto**, High, Low		Set Fan Speed
LCD Set	Blacklight 02S-60S **[05S]**		LCD Display Shutoff Time.
	Key Lock **[OFF]**		Set Control Display Key Lock Feature.
	DispFlash **[ON]**		LCD Display flashes when NO Signal is detected.
Temp	**F°** , C°		Set temperature to F° / C°
DFSE	**OFF**, ON		Restore Factory Settings.
Info	Time.Info	Current: 0000H Total Time: 0000H Last Clear: 0000H Timer PIN: XXX Clear Last [**OFF**, ON]	Displays Internal Timers. Enter PIN=**066** To Access Clear Last Function.
	Temp. Info	**XXX F°**	Displays Current Fixture Temperature.
	Model. Info	**ACL Curtain**	Displays Model Name.
	Software	1U:01 ≥V1.12 2U:01 ≥V1.09	Displays Software Versions. (Greater Than or Equal To)
Ethernet Set	Fixture ID Service PIN: XXX		Enter PIN=**050** to access Network Menus.
	Fixture ID Device IP Addr	000.000.000.000	Set Fixture IP Address. (Need to enter Service PIN to access this menu)
	Universe	**000**-255	Set DMX Universe number. (Need to enter Service PIN to access this menu)
	Protocol Set	**ArtNet**, Kling-Net	Set Protocol.
	Network Switch	**ON**, OFF	Set Ethernet switch.

DIMMING CURVES

The **DimCurve** menu allows you to select one of the following preset dimming curves: **Standard, Stage, TV, Architectural, Theatre,** or **Default**.

(See diagram below for more details)
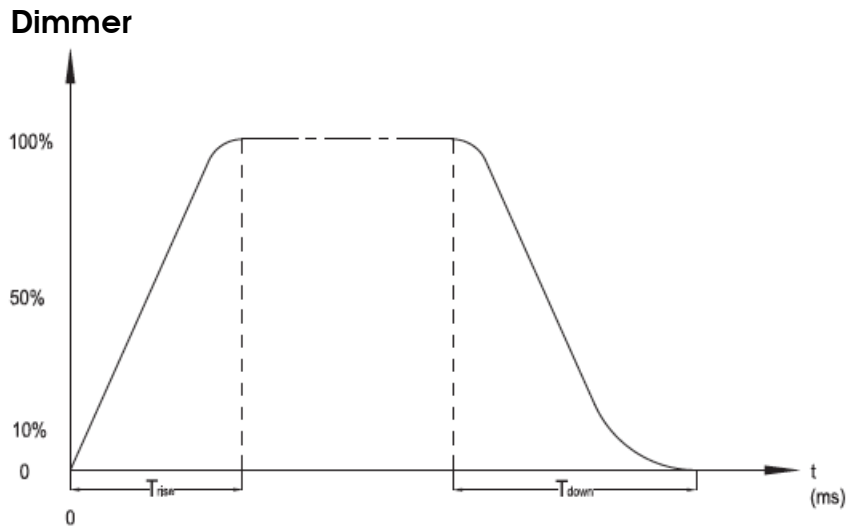
Ramp Effect	0S (Fade Time)		1S (Fade Time)	
	T_{rise} (ms)	T_{down} (ms)	T_{rise} (ms)	T_{down} (ms)
Standard	0	0	0	0
Stage	780	1100	1540	1660
TV	1180	1520	1860	1940
Architectural	1380	1730	2040	2120
Theatre	1580	1940	2230	2280

PIXEL FLIP

Select the desired starting LED pixel and chase direction from one of the following modes below by pressing the **UP/DOWN** buttons and then pressing **ENTER** to confirm.
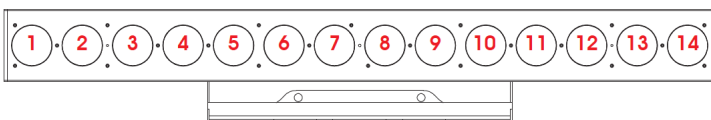
Flip = OFF
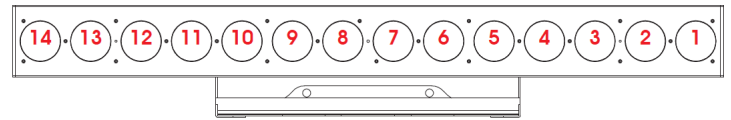
Flip = ON

DMX CHANNEL FUNCTIONS AND VALUES

ELATION© ACL CURTAIN™
DMX Channel Values / Functions Version 1 (63 DMX Channels)
Specifications are subject to change without any prior written notice.
*Control of LEDs depends on the Pixel Flip setting.

DMX CHANNEL MODE											VALUE	FUNCTION
1CH:04	2CH:04	6CH	1CH:08	2CH:08	10CH	12CH	56CH	58CH	60CH	63CH		16 BIT CHANNELS
	1	1	1	1	1	1						RED LED - All LEDS [1-14]
											0-255	Red (0-Black - 255-100%)
				2								RED LED FINE - All LEDS [1-14]
											0-255	Red (0-Black - 255-100%)
	2	2	2	3	2	2						GREEN LED - All LEDs [1-14]
											0-255	Green (0-Black - 255-100%)
				4								GREEN LED FINE - All LEDs [1-14]
											0-255	Green (0-Black - 255-100%)
	3	3	3	5	3	3						BLUE LED - All LEDs [1-14]
											0-255	Blue (0-Black - 255-100%)
				6								BLUE LED FINE - All LEDs [1-14]
											0-255	Blue (0-Black - 255-100%)
	4	4	4	7	4	4						WHITE LED - All LEDs [1-14]
											0-255	White (0-Black - 255-100%)
				8								WHITE LED FINE - All LEDs [1-14]
											0-255	White (0-Black - 255-100%)
							1	1	1	1		RED LED - LED [1]
											0-255	Red (0-Black - 255-100%)
							2	2	2	2		GREEN LED - LED [1]
											0-255	Green (0-Black - 255-100%)
							3	3	3	3		BLUE LED - LED [1]
											0-255	Blue (0-Black - 255-100%)
							4	4	4	4		WHITE LED - LED [1]
											0-255	White (0-Black - 255-100%)
							5	5	5	5		RED LED - LED [2]
											0-255	Red (0-Black - 255-100%)
							6	6	6	6		GREEN LED - LED [2]
											0-255	Green (0-Black - 255-100%)
							7	7	7	7		BLUE LED - LED [2]
											0-255	Blue (0-Black - 255-100%)
							8	8	8	8		WHITE LED - LED [2]
											0-255	White (0-Black - 255-100%)
							9	9	9	9		RED LED - LED [3]
											0-255	Red (0-Black - 255-100%)
							10	10	10	10		GREEN LED - LED [3]
											0-255	Green (0-Black - 255-100%)
							11	11	11	11		BLUE LED - LED [3]
											0-255	Blue (0-Black - 255-100%)
							12	12	12	12		WHITE LED - LED [3]
											0-255	White (0-Black - 255-100%)

ELATION© ACL CURTAIN™ DMX Channel Values / Functions Version 1 (63 DMX Channels) Specifications are subject to change without any prior written notice. *Control of LEDs depends on the Pixel Flip setting.											VALUE	FUNCTION
DMX CHANNEL MODE												
1CH:04	**2CH:04**	**6CH**	**1CH:08**	**2CH:08**	**10CH**	**12CH**	**56CH**	**58CH**	**60CH**	**63CH**		**16 BIT CHANNELS**
							13	13	13	13		RED LED - LED [4]
											0-255	Red (0-Black - 255-100%)
							14	14	14	14		GREEN LED - LED [4]
											0-255	Green (0-Black - 255-100%)
							15	15	15	15		BLUE LED - LED [4]
											0-255	Blue (0-Black - 255-100%)
							16	16	16	16		WHITE LED - LED [4]
											0-255	White (0-Black - 255-100%)
							17	17	17	17		RED LED - LED [5]
											0-255	Red (0-Black - 255-100%)
							18	18	18	18		GREEN LED - LED [5]
											0-255	Green (0-Black - 255-100%)
							19	19	19	19		BLUE LED - LED [5]
											0-255	Blue (0-Black - 255-100%)
							20	20	20	20		WHITE LED - LED [5]
											0-255	White (0-Black - 255-100%)
							21	21	21	21		RED LED - LED [6]
											0-255	Red (0-Black - 255-100%)
							22	22	22	22		GREEN LED - LED [6]
											0-255	Green (0-Black - 255-100%)
							23	23	23	23		BLUE LED - LED [6]
											0-255	Blue (0-Black - 255-100%)
							24	24	24	24		WHITE LED - LED [6]
											0-255	White (0-Black - 255-100%)
							25	25	25	25		RED LED - LED [7]
											0-255	Red (0-Black - 255-100%)
							26	26	26	26		GREEN LED - LED [7]
											0-255	Green (0-Black - 255-100%)
							27	27	27	27		BLUE LED - LED [7]
											0-255	Blue (0-Black - 255-100%)
							28	28	28	28		WHITE LED - LED [7]
											0-255	White (0-Black - 255-100%)
							29	29	29	29		RED LED - LED [8]
											0-255	Red (0-Black - 255-100%)
							30	30	30	30		GREEN LED - LED [8]
											0-255	Green (0-Black - 255-100%)
							31	31	31	31		BLUE LED - LED [8]
											0-255	Blue (0-Black - 255-100%)
							32	32	32	32		WHITE LED - LED [8]
											0-255	White (0-Black - 255-100%)

ELATION© ACL CURTAIN™
DMX Channel Values / Functions Version 1 (63 DMX Channels)
Specifications are subject to change without any prior written notice.
*Control of LEDs depends on the Pixel Flip setting.

DMX CHANNEL MODE											VALUE	FUNCTION
1CH:04	2CH:04	6CH	1CH:08	2CH:08	10CH	12CH	56CH	58CH	60CH	63CH		16 BIT CHANNELS
							33	33	33	33		RED LED - LED [9]
											0-255	Red (0-Black - 255-100%)
							34	34	34	34		GREEN LED - LED [9]
											0-255	Green (0-Black - 255-100%)
							35	35	35	35		BLUE LED - LED [9]
											0-255	Blue (0-Black - 255-100%)
							36	36	36	36		WHITE LED - LED [9]
											0-255	White (0-Black - 255-100%)
							37	37	37	37		RED LED - LED [10]
											0-255	Red (0-Black - 255-100%)
							38	38	38	38		GREEN LED - LED [10]
											0-255	Green (0-Black - 255-100%)
							39	39	39	39		BLUE LED - LED [10]
											0-255	Blue (0-Black - 255-100%)
							40	40	40	40		WHITE LED - LED [10]
											0-255	White (0-Black - 255-100%)
							41	41	41	41		RED LED - LED [11]
											0-255	Red (0-Black - 255-100%)
							42	42	42	42		GREEN LED - LED [11]
											0-255	Green (0-Black - 255-100%)
							43	43	43	43		BLUE LED - LED [11]
											0-255	Blue (0-Black - 255-100%)
							44	44	44	44		WHITE LED - LED [11]
											0-255	White (0-Black - 255-100%)
							45	45	45	45		RED LED - LED [12]
											0-255	Red (0-Black - 255-100%)
							46	46	46	46		GREEN LED - LED [12]
											0-255	Green (0-Black - 255-100%)
							47	47	47	47		BLUE LED - LED [12]
											0-255	Blue (0-Black - 255-100%)
							48	48	48	48		WHITE LED - LED [12]
											0-255	White (0-Black - 255-100%)
							49	49	49	49		RED LED - LED [13]
											0-255	Red (0-Black - 255-100%)
							50	50	50	50		GREEN LED - LED [13]
											0-255	Green (0-Black - 255-100%)
							51	51	51	51		BLUE LED - LED [13]
											0-255	Blue (0-Black - 255-100%)
							52	52	52	52		WHITE LED - LED [13]
											0-255	White (0-Black - 255-100%)

ELATION© ACL CURTAIN™
DMX Channel Values / Functions Version 1 (63 DMX Channels)
Specifications are subject to change without any prior written notice.
*Control of LEDs depends on the Pixel Flip setting.

DMX CHANNEL MODE											VALUE	FUNCTION
1CH:04	2CH:04	6CH	1CH:08	2CH:08	10CH	12CH	56CH	58CH	60CH	63CH		16 BIT CHANNELS
							53	53	53	53		RED LED - LED [14]
											0-255	Red (0-Black - 255-100%)
							54	54	54	54		GREEN LED - LED [14]
											0-255	Green (0-Black - 255-100%)
							55	55	55	55		BLUE LED - LED [14]
											0-255	Blue (0-Black - 255-100%)
							56	56	56	56		WHITE LED - LED [14]
											0-255	White (0-Black - 255-100%)
												COLOR MACROS
											0	NO Function
											1-4	Color Macro 01
											5-8	Color Macro 02
											9-12	Color Macro 03
											13-16	Color Macro 04
											17-20	Color Macro 05
											21-24	Color Macro 06
											25-28	Color Macro 07
											29-32	Color Macro 08
											33-36	Color Macro 09
											37-40	Color Macro 10
											41-44	Color Macro 11
											45-48	Color Macro 12
											49-52	Color Macro 13
											53-56	Color Macro 14
1		5				5					57-60	Color Macro 15
											61-64	Color Macro 16
											65-68	Color Macro 17
											69-72	Color Macro 18
											73-76	Color Macro 19
											77-80	Color Macro 20
											81-84	Color Macro 21
											85-88	Color Macro 22
											89-92	Color Macro 23
											93-96	Color Macro 24
											97-100	Color Macro 25
											101-104	Color Macro 26
											105-108	Color Macro 27
											109-112	Color Macro 28
											113-116	Color Macro 29
											117-120	Color Macro 30
											121-124	Color Macro 31
											125-128	Color Macro 32

ELATION© ACL CURTAIN™												
DMX Channel Values / Functions Version 1 (63 DMX Channels)												
Specifications are subject to change without any prior written notice.												
*Control of LEDs depends on the Pixel Flip setting.												
DMX CHANNEL MODE											**VALUE**	**FUNCTION**
1CH:04	**2CH:04**	**6CH**	**1CH:08**	**2CH:08**	**10CH**	**12CH**	**56CH**	**58CH**	**60CH**	**63CH**		**16 BIT CHANNELS**
												COLOR MACROS [continued]
											129-132	Color Macro 33
											133-136	Color Macro 34
											137-140	Color Macro 35
											141-144	Color Macro 36
											145-148	Color Macro 37
											149-152	Color Macro 38
											153-156	Color Macro 39
											157-160	Color Macro 40
											161-164	Color Macro 41
											165-168	Color Macro 42
											169-172	Color Macro 43
											173-176	Color Macro 44
											177-180	Color Macro 45
											181-184	Color Macro 46
1			5			5					185-188	Color Macro 47
											189-192	Color Macro 48
											193-196	Color Macro 49
											197-200	Color Macro 50
											201-204	Color Macro 51
											205-208	Color Macro 52
											209-212	Color Macro 53
											213-216	Color Macro 54
											217-220	Color Macro 55
											221-224	Color Macro 56
											225-228	Color Macro 57
											229-232	Color Macro 58
											233-236	Color Macro 59
											237-240	Color Macro 60
											241-244	Color Macro 61
											245-248	Color Macro 62
											249-252	Color Macro 63
											253-255	Color Macro 64
												SHUTTER / STROBE
											0-31	NO Function
											32-63	LEDs ON
											64-95	Strobe Effect SLOW to FAST
2			6		5	6			57	57	96-127	LEDs ON
											128-159	Pulse Effect In Sequence SLOW to FAST
											160-191	LEDs ON
											192-223	Random Strobe Effect SLOW to FAST
											224-255	LEDs ON

ELATION© ACL CURTAIN™												
DMX Channel Values / Functions Version 1 (63 DMX Channels)												
Specifications are subject to change without any prior written notice.												
*Control of LEDs depends on the Pixel Flip setting.												
DMX CHANNEL MODE											VALUE	FUNCTION
1CH:04	2CH:04	6CH	1CH:08	2CH:08	10CH	12CH	56CH	58CH	60CH	63CH		16 BIT CHANNELS
3		5	7		6	7		57	58	58		MASTER DIMMER
											0-255	0 to 100%
4		6	8		7	8		58	59	59		DIMMER FINE [16BIT]
											0-256	1 to 100%
												AUTO PROGRAMS
											0	NO FUNCTION
											1-20	PROGRAM MACRO 01
											21-40	PROGRAM MACRO 02
											41-60	PROGRAM MACRO 03
											61-80	PROGRAM MACRO 04
											81-100	PROGRAM MACRO 05
					8	9				60	101-120	PROGRAM MACRO 06
											121-140	PROGRAM MACRO 07
											141-160	PROGRAM MACRO 08
											161-180	PROGRAM MACRO 09
											181-200	PROGRAM MACRO 10
											201-220	PROGRAM MACRO 11
											221-240	PROGRAM MACRO 12
											241-250	PROGRAM MACRO 13
											251-255	PROGRAM MACRO 14
					9	10				61		AUTO PROGRAM SPEED
											0-255	Program Speed SLOW to FAST
					10	11				62		AUTIO PROGRAM FADE
											0-255	Program Fade SLOW to FAST
												DIMMING CURVE MODES
											0-20	STANDARD
											21-40	STAGE
						12			60	63	41-60	TV
											61-80	ARCHITECTURAL
											81-100	THEATRE
											101-255	Default to Unit Setting

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

(14) 15W RGBW 4-in-1 LEDs

100,000 Hour Average Lamp 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

Individual Pixel Control

Strobe and Selectable Dimming Curves

COLOR

RGBW

CONTROL / CONNECTIONS

(11) DMX Channel Modes (1CH:04 / 2CH:04 / 6 / 1CH:08 / 2CH:08 / 10 / 12 / 56 / 58 / 60 / 63)

RDM (Remote Device Management)

4 Button Touch Control Panel

Full Color 180° Reversible LCD Menu Display

3pin/5pin DMX In/Out

RJ45 Ethernet In/Out (Art-NET)

powerCON Power In/Out

SIZE / WEIGHT

Length: 43.3" (1100mm)

Width: 9.5" (241.2mm) (Glare Shield Installed)

Vertical Height: 6.8" (172.5mm)

Weight: 24.0 lbs. (10.9 kg)

ELECTRICAL / THERMAL

AC 100-240V - 50/60Hz
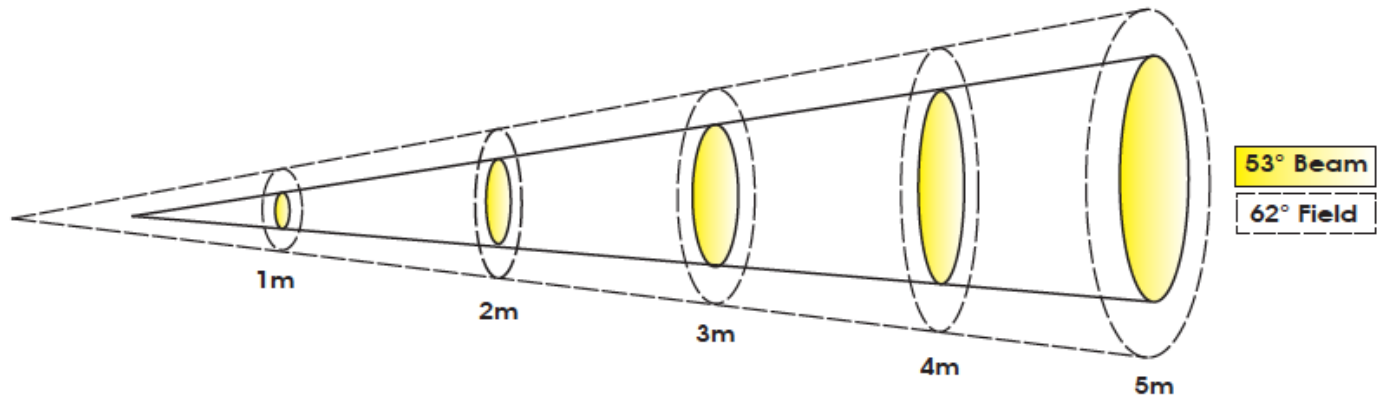
240W Max Power Consumption

5F to 113°F (-15°C to 45°C)

APPROVALS / RATINGS

CE | IP30

Intertek
4010765

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

PHOTOMETRIC DATA

	1 m	3.3 ft		2 m	6.6 ft		3 m	9.8 ft		4 m	13.1 ft		5 m	16.4 ft
53° Beam Diameter	0.98	3.2		1.94	6.4		2.95	9.7		3.95	13.0		4.91	16.1
62° Field Diameter	1.17	3.8		2.39	7.8		3.58	11.7		4.7	15.4		5.85	19.2
	lux	**fc**		**lux**	**fc**		**lux**	**fc**		**lux**	**fc**		**lux**	**fc**
RED LEDs	7,902	734		3,652	339		2,440	227		1,757	163		1,313	122
GREEN LEDs	18,770	1,744		9,134	849		5,740	533		4,040	375		2,971	276
BLUE LEDs	4,537	421		1,924	179		1,337	124		951	88		761	71
WHITE LEDs	19,590	1,820		11,330	1,053		6,714	624		5,064	470		3,855	358
FULL ON	46,740	4,342		20,890	1,941		13,520	1,256		9,717	903		7,664	712

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

DIMENSIONAL DRAWINGS
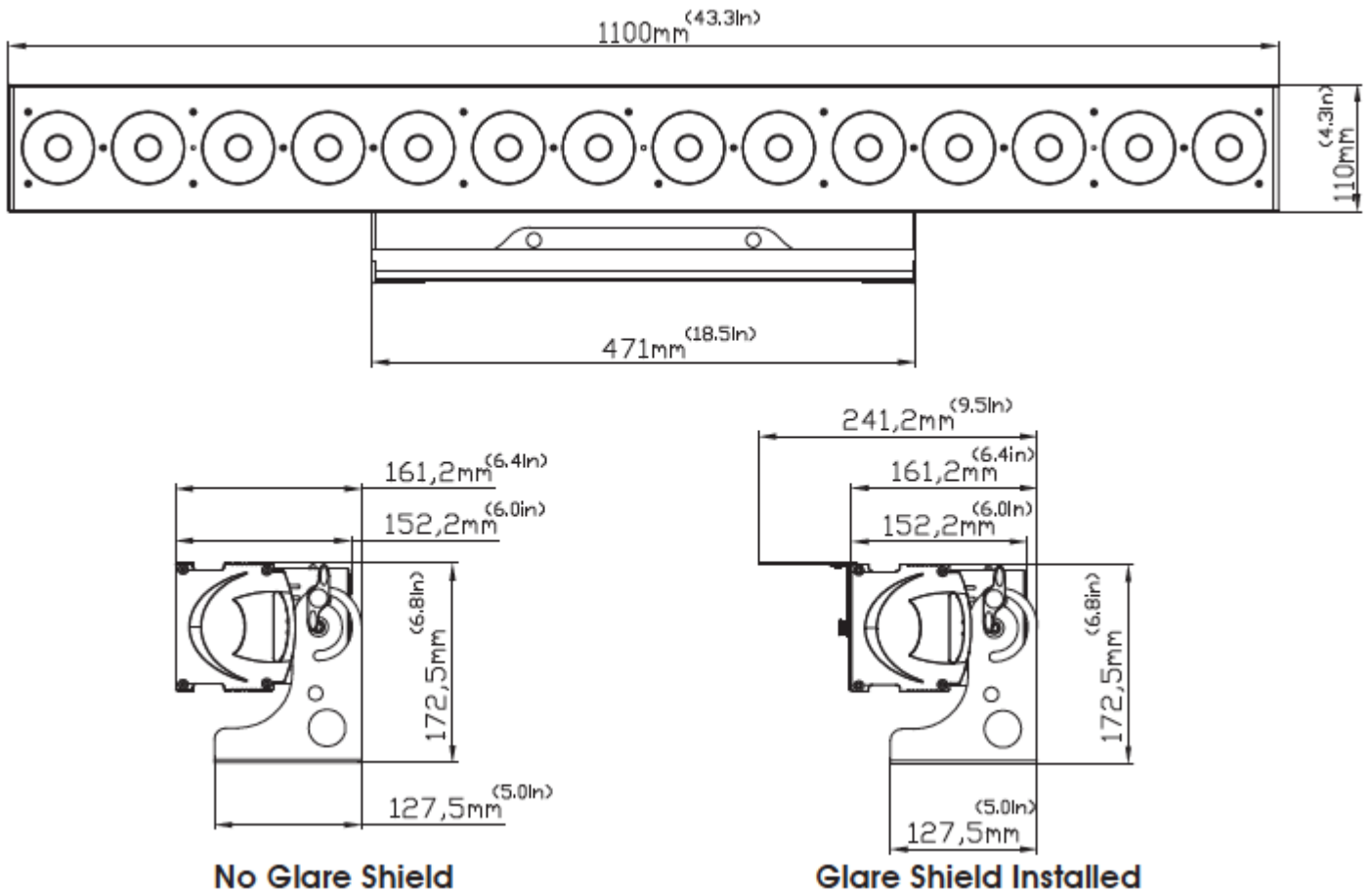
No Glare Shield

Glare Shield Installed

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

OPTIONAL ACCESSORIES

ORDER CODE	ITEM
TRIGGER CLAMP	Heavy Duty Wrap Around Hook Style Clamp
EWDMXSYSTEM	Wireless DMX System (1 Transmitter, 1 Receiver)
PLC3	3' (1m) powerCON PRO Link Cable
AC3PDMX5PRO	5 ft. (1.5m) 3pin PRO DMX Cable
AC5PDMX5PRO	5 ft. (1.5m) 5pin PRO DMX Cable
CAT005	5' (1.5m) CAT6 EtherCON Cable
	Additional Cable Lengths Available