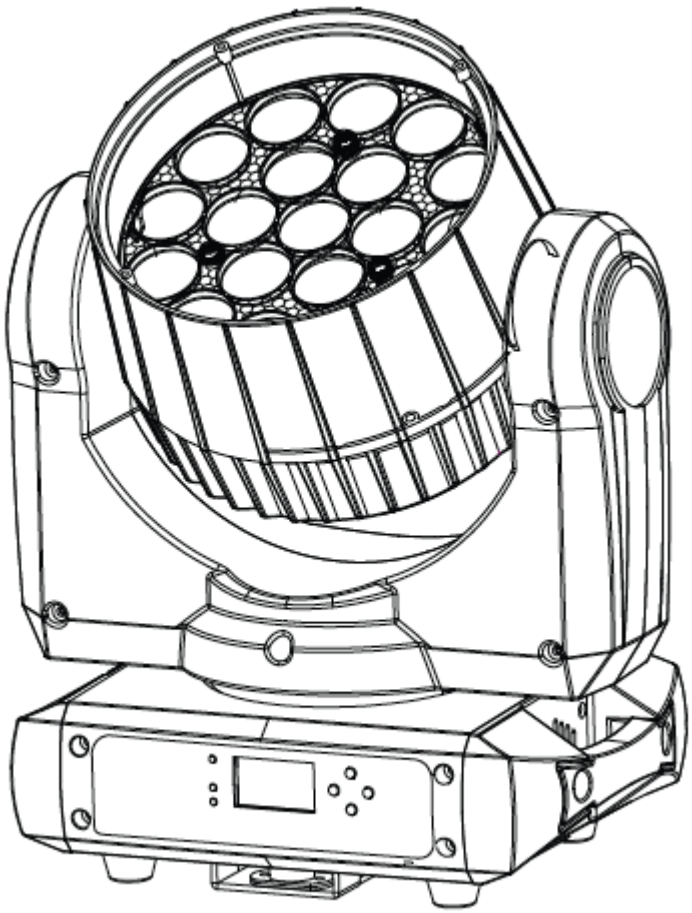


ZW19™

user manual

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DOCUMENT VERSION

Date	Document Version	Software Version	DMX Channel Modes	Notes
9/16/15	1	≥1.0	14 / 22	Initial release.

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GENERAL INFORMATION

INTRODUCTION

Congratulations, you have just purchased one of the most innovative and reliable 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.

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) Omega Brackets
- (1) powerCON Cable
- 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**

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WARRANTY REGISTRATION

Please fill out the enclosed warranty card 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 at 323-582-3322.

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.



I N D O O R S U S E O N L Y !

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!

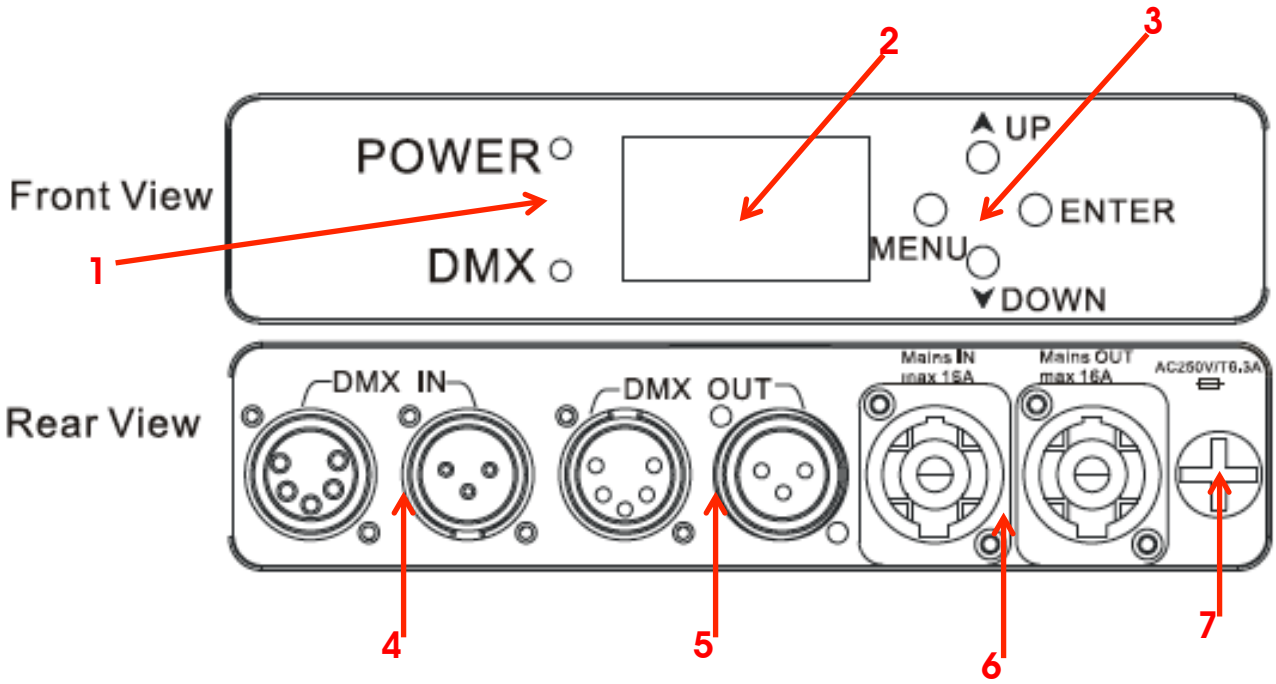
SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK!

- 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.

GENERAL GUIDELINES

- **NEVER OPEN THIS FIXTURE WHILE IN USE!**
- 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.
- **Minimum** distance of inflammable materials from the surface **1.6 feet (0.5m)**.
- 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** allow 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.

CONTROL AND CONNECTIONS



1. **LED Indicators**
2. **LCD Menu Function Display**
3. **MENU, UP, DOWN, ENTER Buttons**
4. **5pin and 3pin DMX IN**
5. **5pin and 3pin DMX OUT**
6. **powerCON IN/OUT**
7. **Fuse**

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

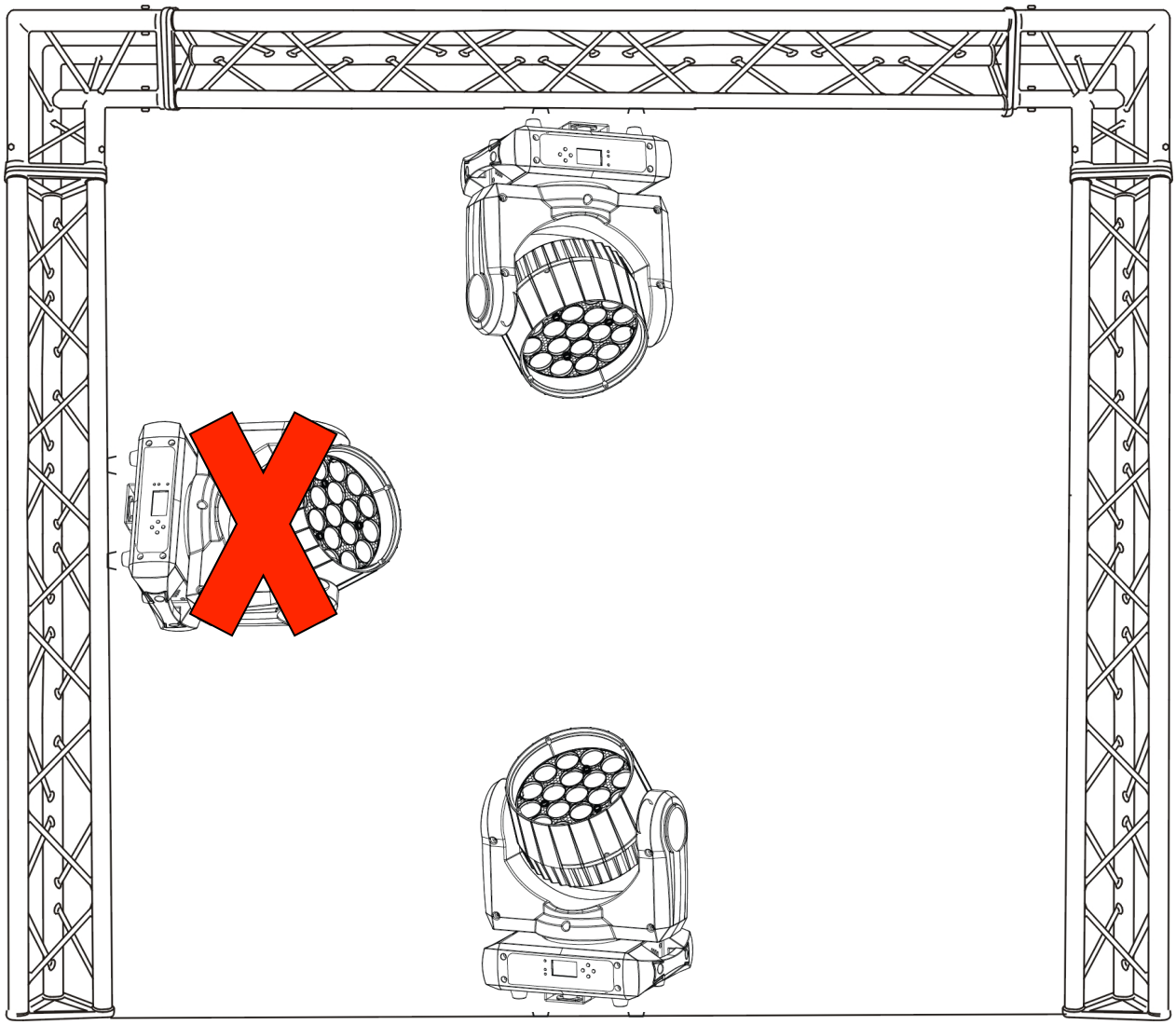
- For added protection, mount the fixture in areas outside walking paths, seating areas, or in areas were unauthorized personnel might reach the fixture.
- Maximum ambient operating temperature for this fixture is **104°F (40°C)** Do not use the fixture under or above this temperature.
- Before mounting 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 **5 units @120V** and **11 units @230V**.

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.

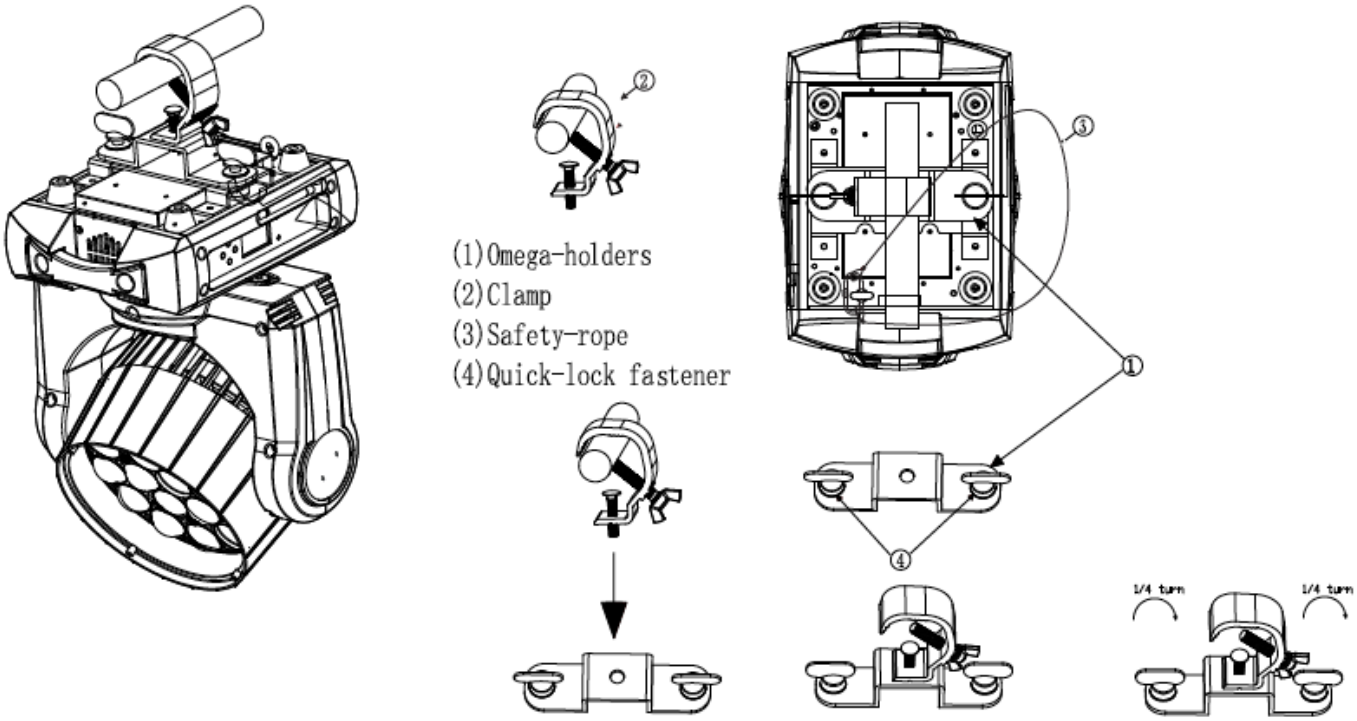


SAFETY CABLE

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

CLAMP MOUNTING

The fixture provides a unique mounting bracket assembly that integrates the bottom of the base, the included **Omega Bracket** and safety cable rigging point in one unit (see the illustration below). When mounting this fixture to truss be sure to secure an appropriately rated clamps to the included **Omega Bracket**. Be sure to attach an appropriate **Safety Cable** to the fixture using the safety cable rigging point integrated in the base assembly**.**



SECURING

Regardless of the rigging option you choose for your fixture, always be sure to secure your fixture with a safety cable. The fixture provides a built-in rigging point for a safety cable on the hanging bracket as illustrated above. Be sure to only use the designated rigging point for the safety cable and never secure a safety cable to a carrying handle.

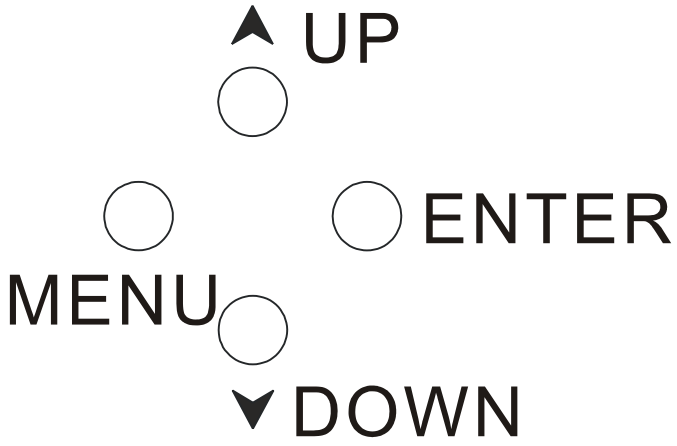
FIXTURE MENU

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

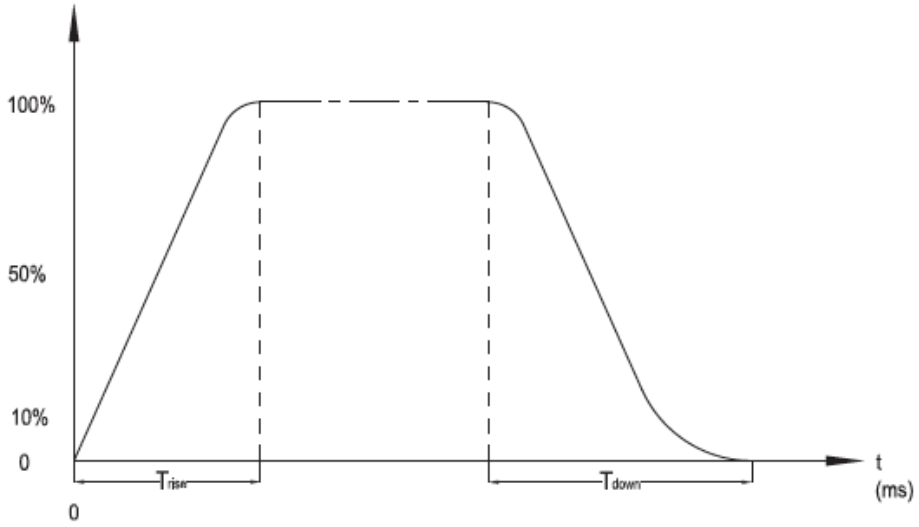
The control panel located on front of the fixture allows you to access the main system menu and make all necessary adjustments to the fixture**.** During normal operation, pressing **MENU** button once will access the fixture's main menu. Once in the main menu you can navigate through the different functions and access the sub-menus with the **UP** and **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 **MENU** button.



ELATION© ZW19™ SYSTEM MENU			
Specifications are subject to change without any prior written notice.			
MENU	**OPTIONS / VALUES**		**DESCRIPTION**
DMX Address	001 - 512		Set DMX Address Setting
Channel Mode	Mode 1 (14), Mode 2 (22)		Select DMX Channel Mode
Dimmer Curve	Standard, Stage, TV, Architec, Theatre		Set Dimming Curve
DMX Last State	Blackout, Last State		Select how fixture reacts to NO DMX signal
Pan Invert	No, Yes		Invert Pan Movement
Tilt Invert	No, Yes		Invert Tilt Movement
Backlight Auto Off	No, Yes		Turn LCD Display Back Light On/Off
Function Delay	0s Delay, 1s Delay, 2s Delay, 3s Delay		Set time before LCD display turns off after no action
White Balance	Red	125 - 255	Adjust White Balance
	Green	125 - 255	Adjust White Balance
	Blue	125 - 255	Adjust White Balance
Manual Test	Pan	000 - 255	
	Pan Fine	000 - 255	
	Tilt	000 - 255	
	Tilt Fine	000 - 255	
	Red	000 - 255	
	Green	000 - 255	
	Blue	000 - 255	
	White	000 - 255	
	Variable White	000 - 255	
	Color Macro	000 - 255	
	Shutter	000 - 255	
	Dimmer	000 - 255	
	Zoom	000 - 255	
	P/T Speed	000 - 255	
	Special Function	000 - 255	
Auto Test			Run self-test program
Fixture use time			Display total use time of fixture
Firmware Version			Display software version of fixture
PRO defaults	No, Yes		
Reset	No, Yes		

Dimmer Modes

Select desired DIMMER MODE (Standard, Stage, TV, Architectural, Theatre).



Ramp Effect	0—255 0S (Fade Time)		0—255 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

ELATION© ZW19™ OFFSET MENU		
Specifications are subject to change without any prior written notice.		
MENU	**OPTIONS / VALUES**	**DESCRIPTION**
Pan Offset	(-128) - (127)	Adjustment The PAN Home Position
Tilt Offset	(-128) - (127)	Adjustment The TILT Home Position
Zoom	(0) - (255)	Adjustment of the Zoom

OFFSET MENU – Calibration

ONLY QUALIFIED TECHNICIANS SHOULD PERFORM THESE FUNCTIONS.

This menu allows small adjustments to be made to the **PAN**, **TILT,** and **ZOOM** home positions, to compensate for ware and/or in the event a sensor has been knocked slightly out of place.

To access the **OFFSET MENU** press and release the **ENTER** button for at least 3 seconds, and the fixture will now be in the **OFFSET MENU.** Press the **UP** or **DOWN** buttons to select **Pan Offset**, **Tilt Offset**, or **Zoom** then press **ENTER** and the display will flash once.

Use the **UP** and **DOWN** buttons to adjust the home position of the selected function **(Pan, Tilt, Zoom).** Once the desired new home position has been set, press the **ENTER** button to save the new position.

To exit the **OFFSET MENU** press and hold the **MENU** button for at least 1 second.

DMX CHANNEL FUNCTIONS AND VALUES

ELATION© ZW19™ DMX Channel Values / Functions (22 DMX Channels)			
Specifications are subject to change without any prior written notice.			
DMX MODE / CHANNEL		**VALUE**	**FUNCTION**
14 CHANNEL	**22 CHANNEL**		
1	1		PAN
		0-255	0° - 540°
	2		PAN FINE
		0-255	PAN FINE Adjustment
2	3		TILT
		0-255	0° - 220°
	4		TILT FINE
		0-255	TILT FINE Adjustment
3	5		RED
		0-255	Red (0-100%)
	6		RED FINE
		0-255	Red FINE Adjustment
4	7		GREEN
		0-255	Green (0-100%)
	8		GREEN FINE
		0-255	Green FINE Adjustment
5	9		BLUE
		0-255	Blue (0-100%)
	10		BLUE FINE
		0-255	Blue FINE Adjustment
6	11		WHITE
		0-255	White (0-100%)
	12		WHITE FINE
		0-255	White FINE Adjustment
7	13		VARIABLE WHITE
		0	NO FUNCTION
		1-255	1=2700K, 255=6,000K

ELATION© ZW19™ DMX Channel Values / Functions (22 DMX Channels)			
Specifications are subject to change without any prior written notice.			
DMX MODE / CHANNEL		**VALUE**	**FUNCTION**
14 CHANNEL	**22 CHANNEL**		
8	14		COLOR MACROS
		0	OFF
		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
		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
		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

ELATION© ZW19™ DMX Channel Values / Functions (22 DMX Channels)			
Specifications are subject to change without any prior written notice.			
DMX MODE / CHANNEL		**VALUE**	**FUNCTION**
14 CHANNEL	**22 CHANNEL**		
8	14		COLOR MACROS (continued)
		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
		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

ELATION© ZW19™ DMX Channel Values / Functions (22 DMX Channels)			
Specifications are subject to change without any prior written notice.			
DMX MODE / CHANNEL		**VALUE**	**FUNCTION**
14 CHANNEL	**22 CHANNEL**		
9	15		SHUTTER / STROBE
		0-19	OFF
		20-24	OPEN
		25-64	Strobe SLOW to FAST
		65-69	OPEN
		70-84	Pulse SLOW Open - FAST Close
		85-89	OPEN
		90-104	Pulse FAST Open - SLOW Close
		105-109	OPEN
		110-124	Random Strobe
		125-129	OPEN
		130-144	Random Opening Pulse
		145-149	OPEN
		150-164	Random Closing Pulse
		165-169	OPEN
		170-184	Burst Pulse
		185-189	OPEN
		190-204	Random Burst Pulse
		205-209	OPEN
		210-224	Pulsing
		225-229	OPEN
		230-244	Burst
		245-255	OPEN
10	16		MASTER DIMMER
		0-255	Dimmer (0-100%)
11	17		DIMMING CURVE MODES
		0-20	Standard
		21-40	Stage
		41-60	TV
		61-80	Architectural
		81-100	Theatre
		101-255	Default to unit setting
12	19		ZOOM
		0-255	10° NARROW to 60° WIDE
	20		ZOOM FINE
		0-255	ZOOM FINE Adjustment
13	21		PAN / TILT MOVEMENT SPEED
		0-255	PAN / TILT Movement Speed FAST - SLOW
14	22		RESET / DIMMING MODES
		0-69	NO FUNCTION
		70-79	Blackout While Pan/Tilt Movement
		80-89	NO FUNCTION
		90-99	Blackout When RGBW Values Change
		100-199	NO FUNCTION
		200-209	Reset ALL
		210-255	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 3 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.
- 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).
- Inspect all moving parts and make sure there are no signs of wear and rotate/move without imbalances.
- 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
(19) 10W RGBW 4-in-1 LEDs
50,000 Hour Average LED Life*
*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
(64) Color Macros
Motorized Zoom: 10° - 60°
Electronic Dimming: 0% - 100%
Strobe and Selectable Dimming Curves

COLOR
RGBW Color Mixing

CONTROL / CONNECTIONS
(2) DMX Channel Modes (14 / 22)
4 Button Touch Control Panel
Pan: 540° / Tilt: 220°
Pan/Tilt Inverse Mode
180° Reversible LCD Menu Display
16-Bit Fine Resolution Adjustable Movement
3pin/5pin DMX In/Out
powerCON Power In/Out
Power Link Up To (5) Units at 120V (11) Units at 230V

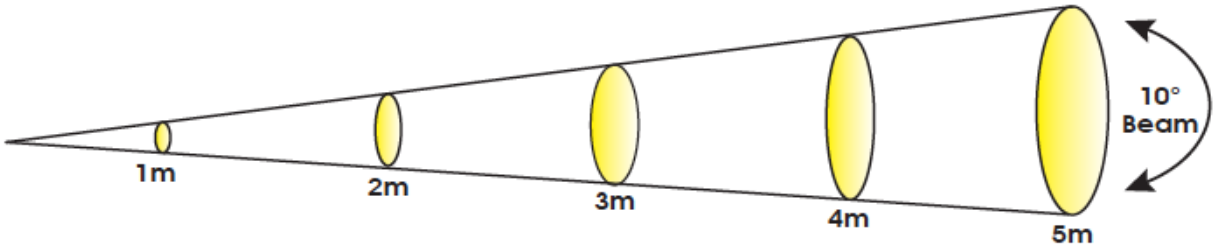
SIZE / WEIGHT
Length: 12.6" (321mm)
Width: 8.1" (206mm)
Vertical Height: 15.6" (395mm)
Weight: 19.0 lbs. (8.6 kg)

ELECTRICAL / THERMAL
AC 100-230V - 50/60Hz
245W Max Power Consumption
-4°F (-20°C) to 104°F (40°C)

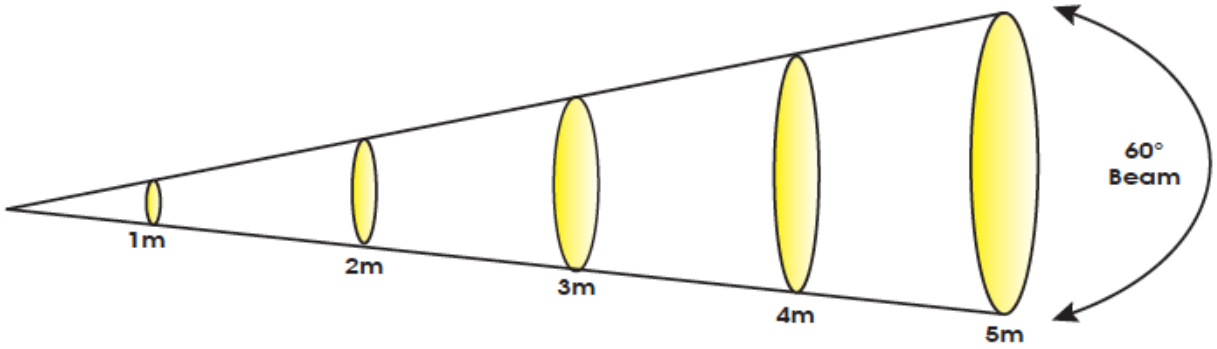
APPROVALS / RATINGS
CE | RoHs | IP20

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PHOTOMETRIC DATA



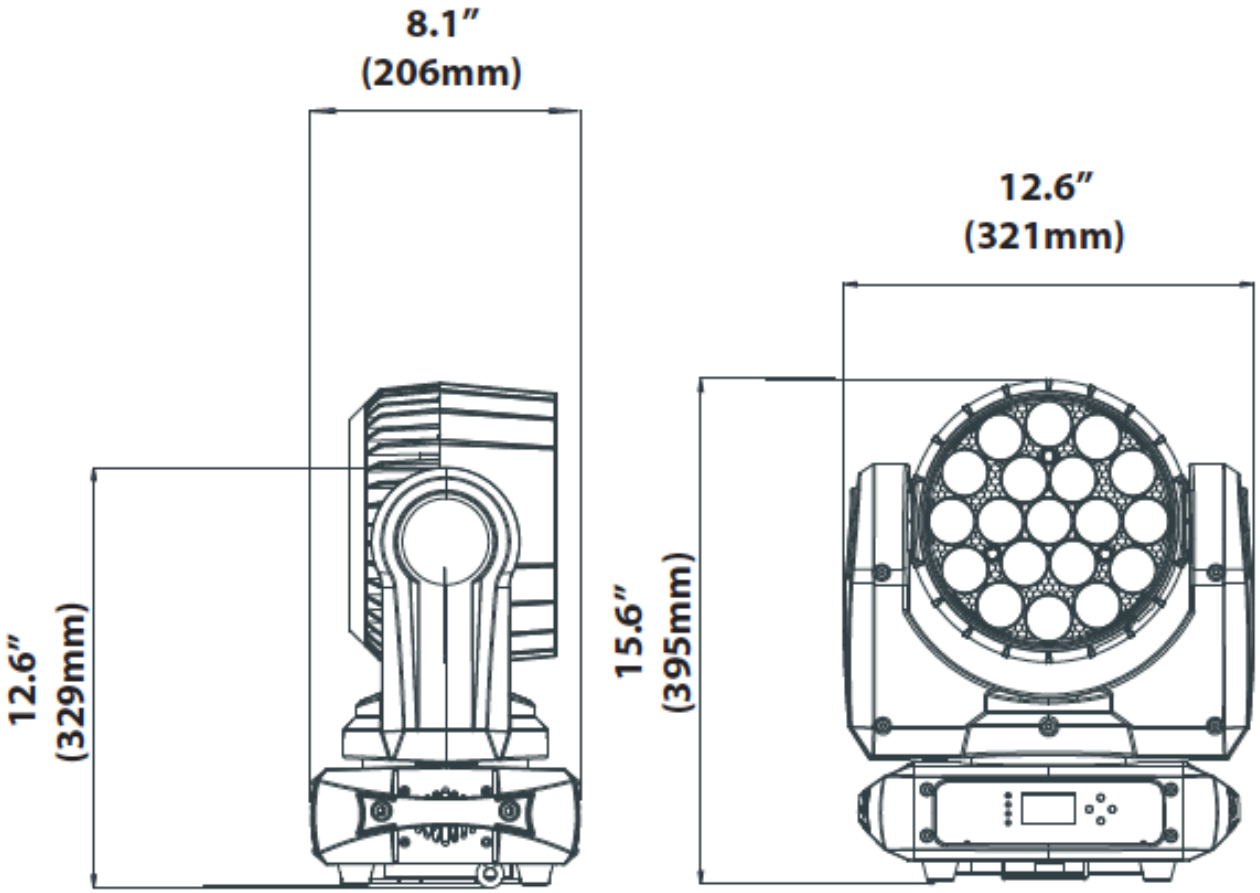
	1 m	3.3 ft	2 m	6.6 ft	3 m	9.8 ft	4 m	13.1 ft	5 m	16.4 ft
10° Beam Diameter	0.36	1.2	0.54	1.8	0.7	2.3	0.95	3.1	1.1	3.6
	lux	fc	lux	fc	lux	fc	lux	fc	lux	fc
RED LEDs	8,500	790	4,200	390	1,700	158	970	90	620	58
GREEN LEDs	26,000	2,415	10,800	1,003	5,000	465	2,700	251	1,700	158
BLUE LEDs	8,800	818	380	35	160	15	90	8	63	6
WHITE LEDs	31,500	2,926	14,000	1,301	6,000	557	3,300	307	2,100	195
FULL ON	65,000	6,039	29,500	2,741	12,600	1,171	6,900	641	4,400	409



	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
60° Beam Diameter	1.7	5.6	3.00	9.8	4.4	14.4	5.8	19.0	7.5	24.6
	lux	fc	lux	fc	lux	fc	lux	fc	lux	fc
RED LEDs	1,000	93	2,800	260	130	12	220	20	55	5
GREEN LEDs	3,000	279	800	74	380	35	10	1	140	13
BLUE LEDs	1,100	102	31	3	16	1	250	23	8	1
WHITE LEDs	3,600	334	951	88	460	43	540	50	170	16
FULL ON	7,200	669	2,000	186	900	84	6,900	641	360	33

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DIMENSIONAL DRAWINGS



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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
	Additional Cable Lengths Available