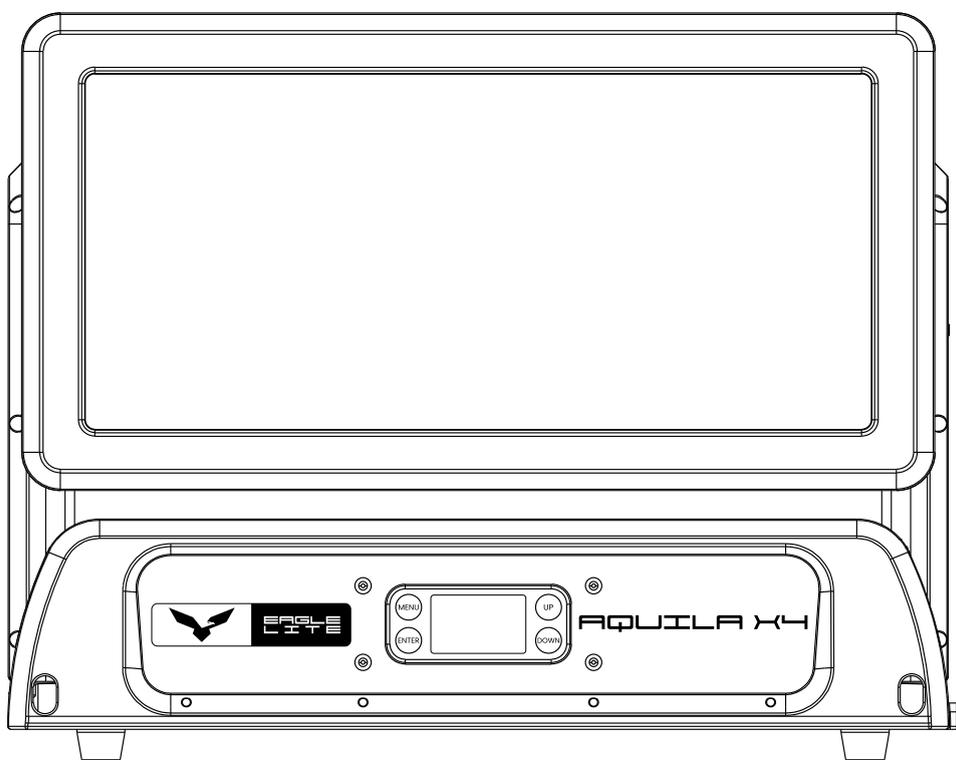


# AQUILA X4

576 x 1W CW / 864 x 1.6W RGBWW  
IP65 HYBRID MOVING STROBE



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AQUILA X4  
576 x 1W CW / 864 x 1.6W RGBWW  
NR: 600120  
IP65 LED HYBRID STROBE

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## Info about the product

Thank you for choosing the Eagle Lite Aquila X4. This manual is designed to provide you with all the necessary information to understand, set up, and operate your new high-power IP65 LED Moving Strobe safely and effectively. The Aquila X4 is a robust and versatile lighting fixture, engineered for professional applications requiring dynamic color mixing, strobe, and wash effects.

## Product Features

The Eagle Lite Aquila X4 is a professional-grade Moving LED strobe packed with features for outstanding performance and reliability:

- **Powerful Light Source:** Equipped with 576 x 1W CW / 864 x 1.6W RGBWW.
- **Adjustable Colour Temperature:** 2500K – 10,000K range for flexible white balance.
- **Versatile Operating Modes:** Offers DMX-512, Artnet, sACN Master/Slave, and Auto Run modes to suit various control requirements.
- **Flexible DMX Control:** Multiple DMX channel modes available: 18 / 33 / 56 / 76 / 112 / 114 / 138 / 208 Channels for precise control.
- **Dynamic Effects:** Built-in color macros, CTO adjustment, strobe functions, and pixel mapping.
- **Smooth Dimming:** 16-Bit dimmer, Includes 4 selectable dimmer curves for seamless intensity adjustments.
- **Low Noise Cooling:** Forced air Heatsink – Low noise fans
- **User-Friendly Interface:** A clear TFT display combined with four intuitive control buttons allows for easy menu navigation and setup.
- **Durable Construction:** Housed in a rugged aluminium body designed for touring and demanding environments.
- **IP65 Rated:** Fully protected against dust ingress and low-pressure water jets from any direction, making it suitable for outdoor use.
- **RDM Capable:** Supports RDM (Remote Device Management) for convenient remote addressing, configuration, and status monitoring.



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## General information before use



### **Accountability and attention are requested when using the device.**

With high-voltage electricity, there is a danger of shock when touching exposed wires.



### **Risk of eye damage**

Never look directly into the light source. Always wear protection if it is necessary to look directly into the light source.



### **Always check that you are using the product correctly!**

Correct voltage in relation to the specifications specified on the device or manual. Be sure that the device is always grounded. Never open the unit until power is taken off! Check periodically that the cord is not pinched or damaged of any kind. Always check the device and cord time to time. When replacing a fuse, it must be replaced with the same type and rating.



**For your own safety** and understanding of the device, we strongly recommend that the manual be read through before using the product. Always read warnings and recommendations before use.



### **Warning: Hot surface**

This symbol indicates that the device may become hot in certain places on the device. The device may become hot during use. Therefore, it is recommended to let the device cool for at least 10 minutes after use. In this way, injury is avoided and best cared for on the device.



### **Should only be operated by qualified persons.**

We strongly recommend that all persons who will be using the device do the following, read the manual before using the device, are qualified to use the device, and can rig equipment properly.



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## Safety instructions

### Uses

- The Aquila X4 is an LED lighting fixture designed for creating decorative and dynamic lighting effects in professional event technology, such as on stages, in clubs, for architectural illumination, and at festivals.
- It is not designed or suitable for standard household room illumination.
- Use this device only as described in this manual. Any other use may lead to damage to the unit and void the warranty. Eagle Lite accepts no liability for damages resulting from improper use or failure to comply with these instructions.



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#### Danger from electricity

- **IP65 Rating:** While the fixture is IP65 rated for outdoor use, ensure that all power and DMX connections are also IP65 rated and properly sealed to maintain protection against water and dust ingress.
- **Do Not Open:** To reduce the risk of electric shock, do not open any part of the fixture's housing unless explicitly instructed for maintenance by qualified personnel and with the unit disconnected from power.
- **Proper Outlet & RCD:** Connect the device only to a properly installed mains socket outlet protected by a Residual Current Device (RCD) or Ground Fault Circuit Interrupter (GFCI).
- **Grounding:** The fixture must be connected to an earthed (grounded) mains supply. Never disable or bypass the protective earth connection of the power cord or fixture.
- **Wet Hands:** Never touch the power plug or fixture with wet or damp hands.
- **Disconnect Power:** Always disconnect the fixture from the mains power supply during thunderstorms, before cleaning, or when it will not be used for an extended period. Pull by the plug, not the cord.

#### Instructions for using the device.

- **Operating Temperature:** The specified ambient operating temperature range for the Aquila X4 is  $-20^{\circ}\text{C}$  to  $+40^{\circ}\text{C}$  ( $-4^{\circ}\text{F}$  to  $104^{\circ}\text{F}$ ). Do not operate the device outside this range.
- **Surface Temperature:** The housing of the fixture can reach high temperatures during operation (up to  $65^{\circ}\text{C}$  or more). Avoid direct contact by personnel and keep flammable materials at a safe distance.
- **Ventilation & Clearance:** Ensure a minimum distance of 0.5 meters (20 inches) between the fixture and any flammable materials or illuminated surfaces. Maintain adequate ventilation around the unit; do not cover any ventilation openings.
- **Photosensitive Epilepsy:** Strobe effects can trigger epileptic seizures in photosensitive individuals. Be cautious when using intense strobe effects in public areas.
- **Secure Installation:** Ensure the fixture is installed securely by qualified personnel to prevent it from falling. Comply with all relevant local and national safety standards and regulations for rigging and overhead mounting (e.g., EN 60598-2-17).
- **Secondary Safety Attachment:** When mounting the fixture overhead, it **MUST** be secured with a secondary safety attachment, such as an appropriately rated safety cable, attached to a suitable load-bearing point on the fixture and the support structure. The safety cable must be capable of holding at least 10 times the weight of the fixture.
- **Restricted Area:** Ensure the area below the installation site is clear and restricted during rigging, de-rigging, and servicing operations.
- **Experienced Installers:** Overhead mounting requires extensive experience, including calculating working load limits, knowledge of installation materials, and periodic safety inspections. If you lack these qualifications, do not attempt the installation yourself. Installations should be checked by a skilled person at least once a year.
- **Mounting Positions:** The Aquila X4 can be operated in any mounting position (horizontal, vertical, or angled) provided it is securely fastened.



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#### Service and maintenance of the device.

- The device is not designed for permanent operation; therefore, it is important to the device for consistent operational breaks. This helps to ensure service life without defects.
- Never turn the device on and off at short intervals. This will significantly reduce the service life.
- If the device has been subjected to drastic temperature fluctuations, do not turn it on immediately. The arising condensation can destroy the device. Allow the device to reach ambient temperature before connecting. Wait until condensation has evaporated.
- After use, the unit must always be allowed to cool before it is derigged if this is not complied with, and the unit is subsequently defective. The warranty does not apply.
- Please use the original packaging to protect the device from vibration, dust and moisture during transport or storage.
- If a serial number label is mounted to the device, do not remove the label as this will void the warranty.

#### Cleaning and maintenance

Regular cleaning and maintenance are essential for ensuring optimal performance and longevity of your Aquila X4.

- **Disconnect Power:** Always disconnect the fixture from the power supply and allow it to cool completely before performing any cleaning or maintenance.
- **Exterior Cleaning:** Periodically clean the exterior housing and lenses to remove dust, dirt, and other residues. Use a soft, lint-free cloth. For stubborn dirt, the cloth can be slightly dampened with a mild cleaning solution (e.g., glass cleaner for lenses, mild detergent for housing).
- **Avoid Solvents:** Never use aggressive solvents, alcohol, or abrasive cleaners, as they can damage the surfaces or optical components.
- **Dry Thoroughly:** Ensure no moisture enters the fixture. The unit must be completely dry before reconnecting it to the power supply.
- **IP65 Connectors:** Regularly inspect IP65 rated connectors for damage or wear to their seals. Ensure connector caps are used when ports are not in use to maintain IP rating.
- **Internal Maintenance:** There are no user-serviceable parts inside the Aquila X4 beyond what may be instructed by authorized personnel. Do not open the housing unless qualified. Internal cleaning (e.g., fan cleaning) should only be performed by authorized service technicians.
- **Spare Parts:** If spare parts are needed, use only genuine Eagle Lite original parts or equivalents specified by Eagle Lite.
- **Service:** All service and repair operations should be carried out by authorized Eagle Lite dealers or qualified service technicians.



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## Unpacking/Setup

- Upon receiving your Aquila X4, carefully unpack it and check for any damage that may have occurred during transportation.
- If the shipping carton appears damaged, inspect the fixture immediately.
- In case of damage, or if parts are missing, contact your dealer or Eagle Lite customer service. Do not operate a damaged fixture.
- It is advisable to keep the original packaging for future transportation or storage. If custom flight cases are used, ensure they provide adequate protection against vibration, dust, and moisture.



### **Warning of the risk of overheating.**

The distance between the Device and the illuminated surface must be more than 1.5 m (19.7 inches).

Prober ventilation is very important.

The temperature around the device should never exceed 45 °C (113 °F).



### **When using truss, structures etc.**

When mounting the device on a tripod, ensure that the stand is in a secure and stable position and that the weight of the device does not exceed the maximum allowable load capacity of the stand.



### **Possible source of error for data errors**

To ensure flawless operation, use dedicated DMX cables and not regular XLR/microphone cables.

Never connect the DMX input or output to audio equipment such as mixers or amplifiers. As this can cause great damage!



### **Possible damage to the device associated with moisture.**

Moisture that can enter open (plugs and couplings) by DMX or power cables can cause short circuits. Therefore, it is very important that the lid is closed if the plug is not being used, and only use IP65 rated connectors Cables etc. Available as an accessory at ([www.eaglelite.dk](http://www.eaglelite.dk))



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## Rigging

The Aquila X4 can be mounted in various orientations. Always ensure that any supporting structure (truss, stand, etc.) is capable of safely supporting the weight of the fixture(s) and any dynamic loads.

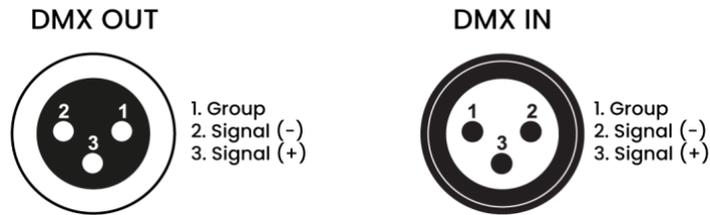
- **Mounting Brackets:** Use the included Fast Lock (Omega) mounting brackets to attach rigging clamps (not included). The brackets attach to the underside of the fixture. Ensure the fast-lock mechanisms are fully engaged.
- **Clamps:** Use appropriately rated rigging clamps to secure the fixture to trusses or pipes.
- **Overhead Mounting:**
  - When mounting overhead, a secondary safety attachment (e.g., safety cable) is MANDATORY.
  - Attach the safety cable through the designated safety cable attachment points on the fixture's chassis and secure it to a separate, reliable anchoring point on the rigging structure.
  - The safety cable must be rated to hold at least 10 times the weight of the fixture.
  - Ensure there is no slack in the safety cable that would allow the fixture to drop significantly if the primary mounting failed but allow enough for normal movement if applicable.
- **Orientation:** The fixture can be hung upside-down, mounted sideways, or placed on a stable, flat surface. Ensure stability in all positions.
- **Working Area:** Always secure the working area below when rigging, de-rigging, or servicing the fixture.
- **Regular Inspection:** Periodically inspect all rigging hardware, brackets, clamps, and safety attachments for any signs of wear, fatigue, or damage. Replace any suspect components immediately.



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## DMX Guide

### Explanation of DMX Connections



### DMX Cable Connectors

The fixture is equipped with 3-pin and/or 5-pin XLR connectors for DMX input and output. Cabling must have a male XLR connector on one end and a female XLR connector on the other.

**Caution:** Do not allow contact between the common (ground/shield) and the fixture's chassis ground if they are separate. Grounding the common can cause a ground loop, and your fixture may perform erratically. Test cables with an ohmmeter to verify correct polarity and to ensure pins are not grounded or shorted to the shield or each other.

### DMX Connection & Termination

1. Connect the DMX output of your controller to the DMX IN port of the first Aquila X4 fixture in the chain.
2. Connect the DMX OUT port of the first fixture to the DMX IN port of the second fixture.
3. Continue daisy-chaining fixtures in this manner (OUT to IN).
4. **DMX Terminator:** On the DMX OUT port of the LAST fixture in the DMX chain, it is highly recommended to install a DMX terminator. A terminator is an XLR connector (male) with a 120 Ohm, 1/4W resistor connected between Pin 2 (DMX-) and Pin 3 (DMX+). Termination reduces signal errors and reflections, especially in long cable runs or noisy environments.



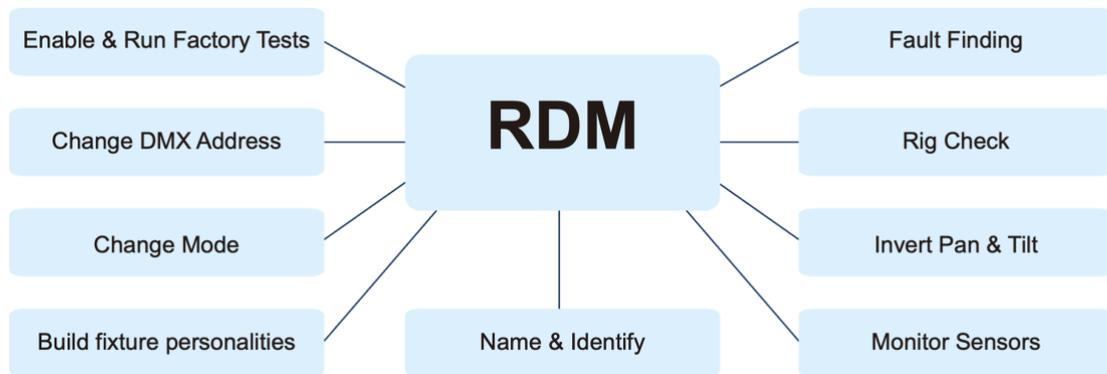
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## RDM (Remote Device Management)

The Aquila X4 supports RDM, which allows for two-way communication over the DMX line with compatible RDM controllers. RDM enables features such as:

- Remote DMX address setting
- Fixture mode changes
- Sensor monitoring (e.g., temperature)
- Error reporting
- Fixture identification

RDM operates on the same DMX512 cabling. Ensure your DMX controller and any DMX splitters in the line are RDM compatible to utilize these features. RDM packets use non-zero start codes and will not interfere with standard DMX512 devices that do not recognize RDM.



## RDM INFORMATION

- Manufacturer's ID: 0718h
- Manufacturer Label: Eagle Lite
- Model Description: AQUILA X4 – IP65 STROBE
- Model ID: 0256
- Device Label: Aquila X4

ID	DMX Mode	Explanation
1	18Ch	18ch + DMX
2	33Ch	33ch + DMX
3	56Ch	56ch + DMX
4	76Ch	76ch + DMX
5	112Ch	112ch + DMX
6	114Ch	114ch + DMX
7	138Ch	138ch + DMX
8	208Ch	208ch + DMX
9	Reserved	



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10	18Ch	18ch + Artnet
11	33Ch	33ch + Artnet
12	56Ch	56ch + Artnet
13	76Ch	76ch + Artnet
14	112Ch	112ch + Artnet
15	114Ch	114ch + Artnet
16	138Ch	138ch + Artnet
17	208Ch	208ch + Artnet
18	Reserved	
19	18Ch	18ch + sACN
20	33Ch	33ch + sACN
21	56Ch	56ch + sACN
22	76Ch	76ch + sACN
23	112Ch	112ch + sACN
24	114Ch	114ch + sACN
25	138Ch	138ch + sACN
26	208Ch	208ch + sACN
27	Reserved	

#### Power setup

##### Correct Connection

- The Aquila X4 operates on an auto-ranging power supply of AC 110-240V, 50/60Hz.
- Always use the supplied IP65 rated power cable or an equivalent cable with the correct rating.
- Ensure the power source can handle the total current draw of all connected fixtures.
- Standard international wire color coding (ensure consistency with your region if different):
  - Brown: Live (L)
  - Blue: Neutral (N)
  - Yellow/Green: Earth/Ground (PE)

##### Power Linking

The Aquila X4 features Power-OUT (IP65 TrueCON) connectors, allowing multiple units to be linked together from a single power source.

- **Power Consumption:** The Aquila X4 has a maximum power consumption of 1300W.
- **Maximum Linked Units:** The number of units that can be safely linked depends on the mains voltage and the capacity of the circuit breaker supplying the power. Always consult local electrical codes and ensure the total load does not exceed 80% of the circuit breaker's rating.

*As a general guideline (always verify with local regulations and breaker specifications):*

Voltage: @16A	Number of units
110-120V	1
208V	2
230-240V	3



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**Warning:** Do not exceed the maximum number of linked units. Overloading the circuit can cause breakers to trip or create a fire hazard. *Calculations updated for clarity.*

Cable color	Connection explanation	International characters
Brown	Plus	L
Blue	Minus	N
Yellow/Green	Earth	

### Accessory

#### Included Accessories

- 1 x Power Cable True1
- 1 x DMX Cable IP65
- 2 x Omega 1/4 Turn Clamps
- 1 x User Manual

#### Optional Accessories

The following accessories may be available for purchase separately to enhance the functionality of your Aquila X4:

- Custom-length IP65 PowerCON and DMX cables
- Heavy-duty rigging clamps
- Flight Cases (e.g., 2in1, 4in1, 6in1) (Made in EU)

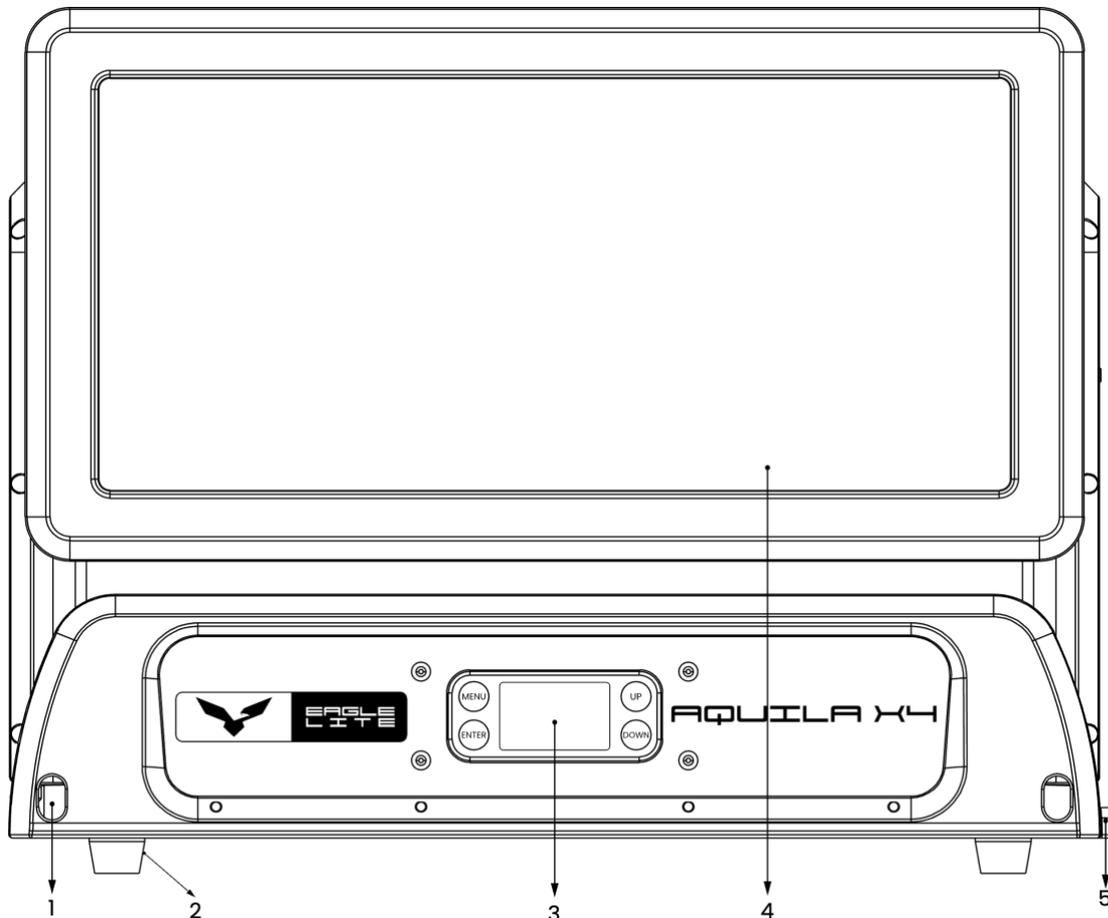
Please contact your Eagle Lite dealer for information on available accessories.



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## Description of the device

Front

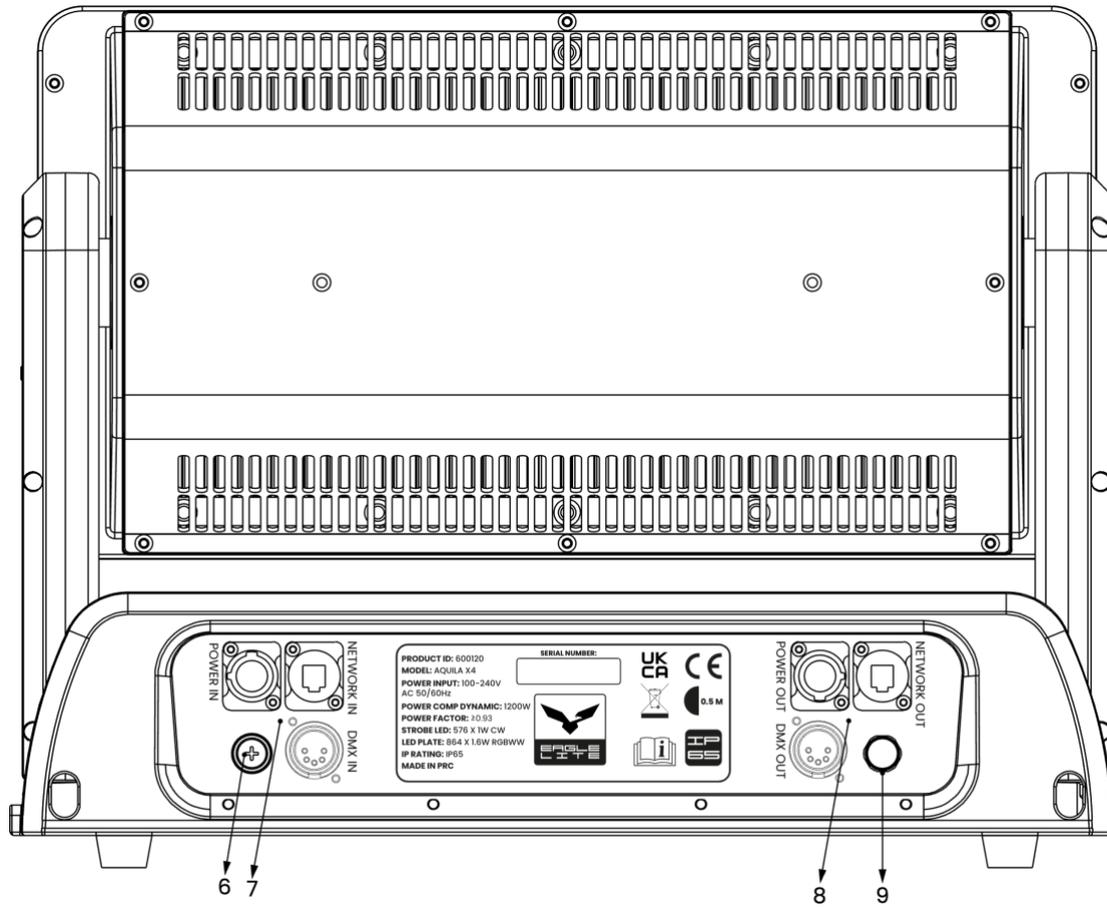


- |   |   |
|---|---|
| 1 | Safety cable loophole                                     |
| 2 | Rubber feet's   |
| 3 | Control panel, with buttons [MODE], [UP], [DOWN], [ENTER] |
| 4 | LED Plate   |
| 5 | Alignment system notch                                    |



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Back



6 Fuse Location

7 True1 IN, Network IN(RJ45), DMX 5P IN

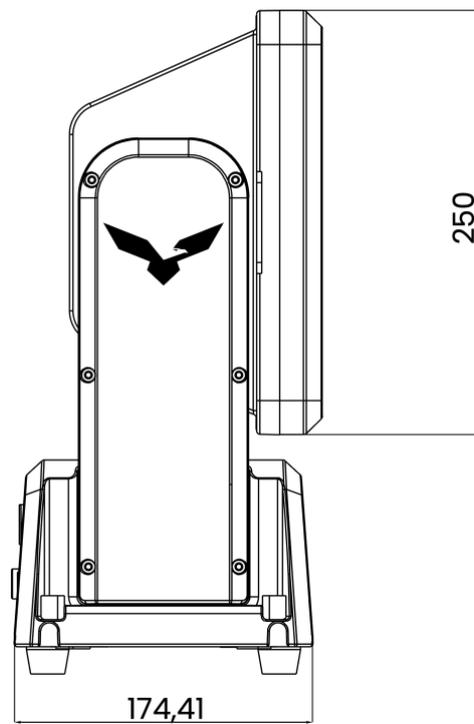
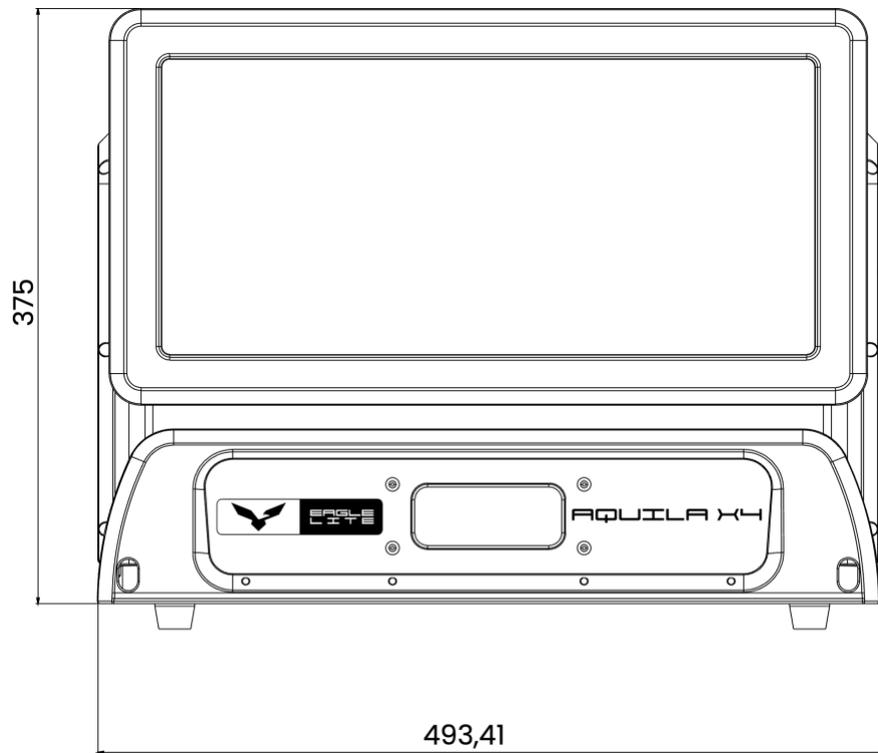
8 True1 OUT, Network OUT(RJ45), DMX 5P OUT

9 Pressure valve



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Size measured in mm





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Led Pixel Zones



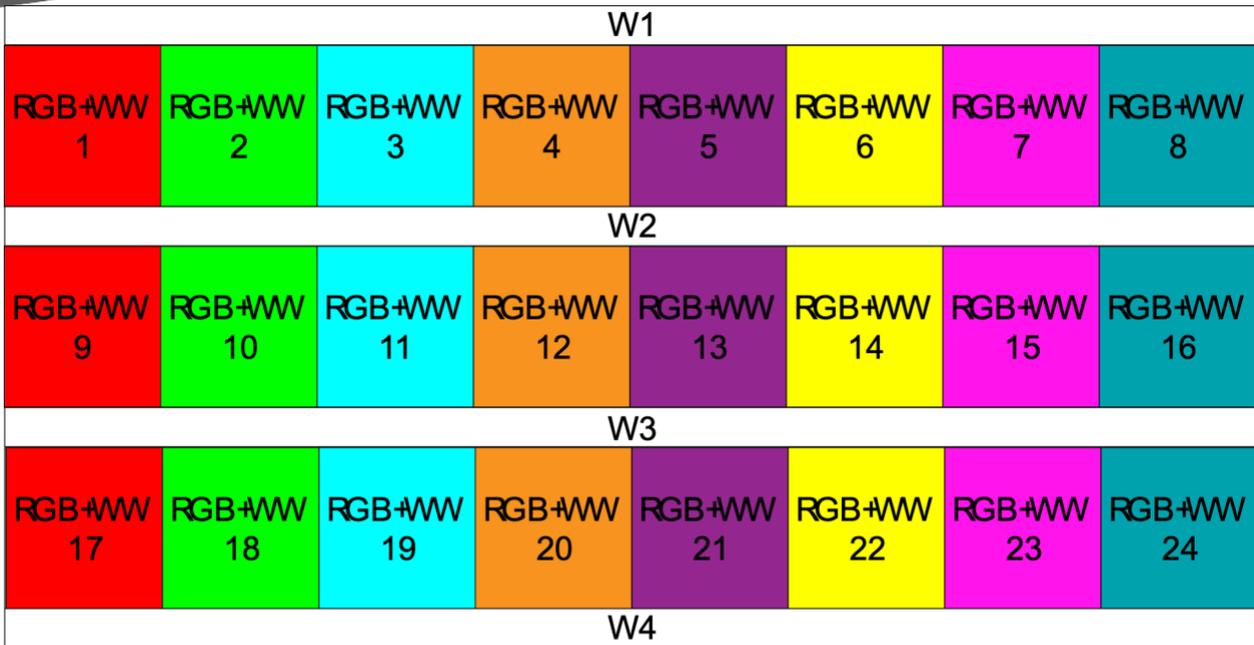
18/33/56 CH



76 CH



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### 112 CH



### 114 CH



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W1	W2	W3	W4	W5	W6	W7	W8
RGB+WW 1	RGB+WW 2	RGB+WW 3	RGB+WW 4	RGB+WW 5	RGB+WW 6	RGB+WW 7	RGB+WW 8
W9	W10	W11	W12	W13	W14	W15	W16
RGB+WW 9	RGB+WW 10	RGB+WW 11	RGB+WW 12	RGB+WW 13	RGB+WW 14	RGB+WW 15	RGB+WW 16
W17	W18	W19	W20	W21	W22	W23	W24
RGB+WW 17	RGB+WW 18	RGB+WW 19	RGB+WW 20	RGB+WW 21	RGB+WW 22	RGB+WW 23	RGB+WW 24
W25	W26	W27	W28	W29	W30	W31	W32

### 138 CH

W 1	W 2	W 3	W 4	W 5	W 6	W 7	W 8	W 9	W 10	W 11	W 12	W 13	W 14	W 15	W 16	W 17	W 18	W 19	W 20	W 21	W 22	W 23	W 24
RGB+WW 1	RGB+WW 2	RGB+WW 3	RGB+WW 4	RGB+WW 5	RGB+WW 6	RGB+WW 7	RGB+WW 8																
W 25	W 26	W 27	W 28	W 29	W 30	W 31	W 32	W 33	W 34	W 35	W 36	W 37	W 38	W 39	W 40	W 41	W 42	W 43	W 44	W 45	W 46	W 47	W 48
RGB+WW 9	RGB+WW 10	RGB+WW 11	RGB+WW 12	RGB+WW 13	RGB+WW 14	RGB+WW 15	RGB+WW 16																
W 49	W 50	W 51	W 52	W 53	W 54	W 55	W 56	W 57	W 58	W 59	W 60	W 61	W 62	W 63	W 64	W 65	W 66	W 67	W 68	W 69	W 70	W 71	W 72
RGB+WW 17	RGB+WW 18	RGB+WW 19	RGB+WW 20	RGB+WW 21	RGB+WW 22	RGB+WW 23	RGB+WW 24																
W 73	W 74	W 75	W 76	W 77	W 78	W 79	W 80	W 81	W 82	W 83	W 84	W 85	W 86	W 87	W 88	W 89	W 90	W 91	W 92	W 93	W 94	W 95	W 96

### 208 CH



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Menu overview

Main Menu	Sub Menu	Option/Value	Option/Value
<b>Address</b>	1		
	...		
	512		
<b>Channel Mode</b>	18CH		
	33CH		
	56CH		
	76CH		
	112CH		
	114CH		
	138CH		
	208CH		
<b>Setting</b>	Control Mode	DMX	
		ArtNet	
		sACN	
	Dimmer Mode	Linear	
		Square	
		I-Square	
		S-Shape	
	Dimmer Speed	Smoth	
		Fast	
	LED Frequency	400Hz	1200Hz
		2000Hz	4000Hz
		6000Hz	8000Hz
		16000Hz	20000Hz
	Fan Mode	Auto	
		Silent	
		Full	
	Screen Reverse	NO	
		YES	
	Screen Lock	NO	
		YES	
Factory Settings	YES		
	NO		
RESET	RESET		
<b>Network</b>	IP/INTERNET	IP Address	192.168.145.010
		Subnet	255.000.000.000
	Universe	Net(0-127)	000-127
		Sub_Universe	000-000



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<b>Manual</b>	<b>Normal</b>	<b>(DMX MODES)</b>		
		<b>Sequence</b>	SHOW01	
			SHOW02	
			SHOW03	
			SHOW04	
			SHOW05	
			SHOW06	
			SHOW07	
			SHOW08	
			SHOW09	
			SHOW10	
			SHOW11	
			SHOW12	
			SHOW13	
			SHOW14	
			SHOW15	
			SHOW16	
			SHOW17	
	SHOW18			
	<b>Static</b>	<b>Fixed Color</b>	R	
			G	
			B	
			WW	
			CW	
			GB	
			RB	
			RG	
			RGB	
RWW				
BWW				
GWW				
RGWW				
RBWW				
GBWW				
RGBWW				
RGBWWCW				
<b>Manual Color</b>	R 0 ... 255			
	G 0 ... 255			
	B 0 ... 255			
	WW 0 ... 255			
	CW 0 ... 255			



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		Motor	Tilt 0 ... 255
Motor	Calibration	Motor Y Calibration	-128 +127

## Specifications

Description	Data
Strobe Tube led Source:	576 x 1W CW White LED 6500K
Plate source:	864 x 1.6W RGB+WW(3000K) LED
Beam Angle	Strobe Tube 100° - Plate LED 120°
Control modes	DMX, ArtNet, sACN, Static, Auto
RDM	Yes (ANSI/ESTA E1.20 Compliant)
DMX Modes	18, 33, 56, 76, 112, 114, 138 & 208 channels
Input connector	Power: True1 IP65 / ETHERNET RJ45 / DMX: XLR 5-Pin IP65
Output connector	Power: True1 IP65 / ETHERNET RJ45 / DMX: XLR 5-Pin IP65
Power supply	AC 100 - 240 V 50/60 Hz
Power consumption	1300W / 5.65A @ 230v
Power Factor	>0.95
Start-up power	50 A / 375 μs
Standby power compsumption	TBA
Protection class	IP65
Cooling	Forced air Heatsink – Low noise fans
Mounting options	Hanging, spliced, standing.
Housing Material	Aluminium
Housing Color	Black (RAL-9004)
Size (WxHxD)	493 x 375 x 174
Weight	14.2 Kg



AQUILA X4  
 576 x 1W CW / 864 x 1.6W RGBWW  
 NR: 600120  
 IP65 LED HYBRID STROBE

## DMX CHART

18CH Mode

18CH Mode	Function	DMX Value	Description
1	Tilt	0 - 255	
2	Tilt Fine	0 - 255	
3	Tilt Speed	0 - 255	
4	Control (5s Activation Delay)	0 - 5	No Function
		0-5	Default Dimmer (Linear)
		6-9	Square Law Dimmer
		15 - 19	Square Inverse Dimmer
		20 - 24	S-Curve Law Dimmer
		25 - 29	Dimmer Speed Fast
		30 - 34	Dimmer Speed Smooth
		35 - 39	LED Frequency 400Hz
		40 - 44	LED Frequency 1200Hz
		45 - 49	LED Frequency 2000Hz
		50 - 54	LED Frequency 4000Hz
		55 - 59	LED Frequency 6000Hz
		60 - 64	LED Frequency 8000Hz
		65 - 69	LED Frequency 16000Hz
		70 - 74	LED Frequency 20000Hz
		75 - 79	Fan Mode - Auto
		80 - 84	Fan Mode - Quiet
85 - 89	Fan Mode - Performance		
		200 - 220	Reset Tilt
		221 - 255	Reset All
5	Master Dimmer	0 - 255	
6	Master Dimmer Fine (16-Bit)	0 - 255	
7	Plate Shutter / Strobe	0 - 5	Open (Default)
		6-55	Synchronus Strobe Rate (Slow-to-Fast)
		56 - 125	Pulse Strobe (Slow-to-Fast)
		126 - 189	Random Strobe (Slow-to-Fast)
		190 - 255	Open
8	Beam Shutter / Strobe	0 - 5	Open (Default)
		6-55	Synchronus Strobe Rate (Slow-to-Fast)



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		56 - 125	Pulse Strobe (Slow-to-Fast)
		126 - 189	Random Strobe (Slow-to-Fast)
		190 - 255	Open
<b>9</b>	Red	0 - 255	
<b>10</b>	Green	0 - 255	
<b>11</b>	Blue	0 - 255	
<b>12</b>	Warm White	0 - 255	
<b>13</b>	Beam W1	0 - 255	
<b>14</b>	Plate Macro FX	0 - 5	No Effect
		6-20	Macro Effect 1
		21 - 35	Macro Effect 2
		36 - 50	Macro Effect 3
		51 - 65	Macro Effect 4
		66 - 80	Macro Effect 5
		81 - 95	Macro Effect 6
		96 - 110	Macro Effect 7
		111 - 125	Macro Effect 8
		126 - 140	Macro Effect 9
		141 - 155	Macro Effect 10
		156 - 170	Macro Effect 11
		171 - 185	Macro Effect 12
		186 - 200	Macro Effect 13
		201 - 215	Macro Effect 14
		216 - 230	Macro Effect 15
231 - 246	Macro Effect 16		
246 - 255	Macro Effect Scroll (Programs 1-16)		
<b>15</b>	Plate Macro FX Speed	0-255	Slow -> Fast
<b>16</b>	Beam Macro FX	0 - 5	No Effect
		6-20	Macro Effect 1
		21 - 35	Macro Effect 2
		36 - 50	Macro Effect 3
		51 - 65	Macro Effect 4
		66 - 80	Macro Effect 5
		81 - 95	Macro Effect 6
		96 - 110	Macro Effect 7
		111 - 125	Macro Effect 8
		126 - 140	Macro Effect 9



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		141 - 155	Macro Effect 10
		156 - 170	Macro Effect 11
		171 - 185	Macro Effect 12
		186 - 200	Macro Effect 13
		201 - 215	Macro Effect 14
		216 - 230	Macro Effect 15
		231 - 246	Macro Effect 16
		246 - 255	Macro Effect Scroll (Programs 1-16)
<b>17</b>	Beam Macro FX Speed	0-255	Slow -> Fast
<b>18</b>	Plate Color Temperature Macro	0 - 17	Disabled
		18 - 34	8000K
		35 - 51	7500K
		52 - 68	6500K
		69 - 85	6000K
		86 - 102	5600K
		103 - 119	5000K
		120 - 136	4500K
		137 - 153	4000K
		154 - 170	3500K
		171 - 187	3200K
		188 - 204	3000K
		205 - 221	2700K
222 - 230	2500K		
239 - 255	2000K (Tungsten Effect)		

#### 18CH Mode

18CH Mode	Function	DMX Value	Description
<b>1</b>	Tilt	0- 255	
<b>2</b>	Tilt Fine	0- 255	
<b>3</b>	Tilt Speed	0- 255	
<b>4</b>	Control (5s Activation Delay)	0- 5	NoFunction
		6- 9	DefaultDimmner(Linear)
		10- 14	SquareLaw Dimmer
		15- 19	SquareInverse Dimmer
		20- 24	S-Curve Law Dimmer



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		25- 29	Dimmer SpeedFast
		30- 34	Dimmer SpeedSmmoth
		35- 39	LEDFrequency400Hz
		40- 44	LEDFrequency1200Hz
		45- 49	LEDFrequency2000Hz
		55- 59	LEDFrequency6000Hz
		60- 64	LEDFrequency8000Hz
		65- 69	LEDFrequency16000Hz
		70- 74	LEDFrequency20000Hz
		75- 79	FanMode- Auto
		80- 84	FanMode- Quiet
		85- 89	FanMode- Performance
		90- 199	NoFunction
		200- 220	ResetTilt
		221- 255	ResetAll
5	MasterDimmer	0- 255	
6	MasterDimmer Fine(16-Bit)	0- 255	
7	PlateShutter/ Strobe	0- 5	Open(Default)
		6- 55	SynchronusStrobe Rate(Slow-to-Fast)
		56- 125	PulseStrobe(Slow-to-Fast)
		126- 189	RandomStrobe(Slow-to-Fast)
		190- 255	Open
8	PlateFlash Duration	0- 5	Disabled
		6- 245	7- 650ms
		246- 255	Disabled
9	Beam Shutter / Strobe	0- 5	Open(Default)
		6- 55	SynchronusStrobe Rate(Slow-to-Fast)
		56- 125	PulseStrobe(Slow-to-Fast)
		126- 189	RandomStrobe(Slow-to-Fast)
		190- 255	Open
10	Beam FlashDuration	0- 5	Disabled
		6- 245	7- 650ms
		246- 255	Disabled
11	Red1	0- 255	
12	Green1	0- 255	
13	Blue 1	0- 255	
14	WarmWhite 1	0- 255	
15	Red2	0- 255	
16	Green2	0- 255	



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17	Blue 2	0- 255	
18	WarmWhite 2	0- 255	
19	Red3	0- 255	
20	Green3	0- 255	
21	Blue 3	0- 255	
22	WarmWhite 3	0- 255	
23	Beam W1	0- 255	
24	Beam W2	0- 255	
25	Beam W3	0- 255	
26	Beam W4	0- 255	
27	Plate Macro FX	0- 5	NoEffect
		6- 20	Macro Effect1
		21- 35	Macro Effect2
		36- 50	Macro Effect3
		51- 65	Macro Effect4
		66- 80	Macro Effect5
		81- 95	Macro Effect6
		96- 110	Macro Effect7
		111- 125	Macro Effect8
		126- 140	Macro Effect9
		141- 155	Macro Effect10
		156- 170	Macro Effect11
		171- 185	Macro Effect12
		186- 200	Macro Effect13
		201- 215	Macro Effect14
		216- 230	Macro Effect15
231- 246	Macro Effect16		
246- 255	Macro EffectScroll (Programs1-16)		
28	PlateMacroFX Speed	0- 255	Slow-> Fast
29	Beam Macro FX	0- 5	NoEffect
		6- 20	Macro Effect1
		21- 35	Macro Effect2
		36- 50	Macro Effect3
		51- 65	Macro Effect4
		66- 80	Macro Effect5
		81- 95	Macro Effect6
		96- 110	Macro Effect7
		111- 125	Macro Effect8
		126- 140	Macro Effect9
		141- 155	Macro Effect10
		156- 170	Macro Effect11



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		171- 185	Macro Effect12
		186- 200	Macro Effect13
		201- 215	Macro Effect14
		216- 230	Macro Effect15
		231- 246	Macro Effect16
		246- 255	Macro EffectScroll (Programs1-16)
<b>30</b>	Beam MacroFX Speed	0- 255	Slow-> Fast
<b>31</b>	Color Temperature Control	0- 17	Disabled
		18- 34	8000K
		35- 51	7500K
		52- 68	6500K
		69- 85	6000K
		86- 102	5600K
		103- 119	5000K
		120- 136	4500K
		137- 153	4000K
		154- 170	3500K
		171- 187	3200K
		188- 204	3000K
		205- 221	2700K
		222- 230	2500K
239- 255	2000K(TungstenEffect)		
<b>32</b>	All Plate Foreground Color Macro	0- 17	Disabled, No Effect
		18- 34	Red
		35- 51	Green
		52- 68	Blue
		69- 85	Cyan
		86- 102	Magenta
		103- 119	Yellow
		137- 153	CongoBlue
		154- 170	Medium Pink
		171- 187	Lavender
		188- 204	Fire
		205- 221	Orange
		222- 230	Amber
239- 255	UV		
<b>33</b>	Plate Foreground Color Macro	0- 17	Disabled, No Effect
		18- 34	Red
		35- 51	Green



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 IP65 LED HYBRID STROBE

	52- 68	Blue
	69- 85	Cyan
	86- 102	Magenta
	103- 119	Yellow
	120- 136	Lime
	137- 153	CongoBlue
	154- 170	Medium Pink
	171- 187	Lavender
	188- 204	Fire
	205- 221	Orange
	222- 230	Amber
	239- 255	UV

56CH Mode

56CH Mode	Function	DMX Value	Description
1	Tilt	0- 255	
2	Tilt Fine	0- 255	
3	Tilt Speed	0- 255	
4	Control (5s Activation Delay)	0- 5	NoFunction
		6- 9	Default Dimmner (Linear+D14:D29)
		10- 14	SquareLawDimmer
		15- 19	SquareInverseDimmer
		20- 24	S-CurveLaw Dimmer
		25- 29	DimmerSpeedFast
		30- 34	DimmerSpeedSmmoth
		35- 39	LEDFrequency400Hz
		40- 44	LEDFrequency1200Hz
		45- 49	LEDFrequency2000Hz
		50- 54	LEDFrequency4000Hz
		60- 64	LEDFrequency8000Hz
		65- 69	LEDFrequency16000Hz
		70- 74	LEDFrequency20000Hz
		75- 79	FanMode - Auto
		80- 84	FanMode - Quiet
85- 89	FanMode - Performance		
90- 199	NoFunction		
5	Master Dimmer	0- 255	



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6	Master Dimmer Fine (16-Bit)	0- 255	
7	Shutter / Strobe PLATE 1	0- 5	Open(Default)
		6- 55	SynchronusStrobeRate(Slow-to-Fast)
		56- 125	PulseStrobe(Slow-to-Fast)
		126 -189	RandomStrobe(Slow-to-Fast)
		190 -255	Open
8	Flash Duration PLATE 1	0- 5	Open(Default)
		6- 245	7- 650ms
		246 -255	Disabled
9	Shutter / Strobe PLATE 2	0- 5	Open(Default)
		6- 55	SynchronusStrobeRate(Slow-to-Fast)
		56- 125	PulseStrobe(Slow-to-Fast)
		126 -189	RandomStrobe(Slow-to-Fast)
		190 -255	Open
10	Flash Duration PLATE 2	0- 5	Open(Default)
		6- 245	7- 650ms
		246 -255	Disabled
11	Shutter / Strobe PLATE 3	0- 5	Open(Default)
		6- 55	SynchronusStrobeRate(Slow-to-Fast)
		56- 125	PulseStrobe(Slow-to-Fast)
		126 -189	RandomStrobe(Slow-to-Fast)
		190 -255	Open
12	Flash Duration PLATE 3	0- 5	Open(Default)
		6- 245	7- 650ms
		246 -255	Disabled
13	Shutter / Strobe BEAM W1	0- 5	Open(Default)
		6- 55	SynchronusStrobeRate(Slow-to-Fast)
		56- 125	PulseStrobe(Slow-to-Fast)
		126 -189	RandomStrobe(Slow-to-Fast)
		190 -255	Open
14	Flash Duration W1	0- 5	Open(Default)
		6- 245	7- 650ms
		246 -255	Disabled
15	Shutter / Strobe BEAM W2	0- 5	Open(Default)
		6- 55	SynchronusStrobeRate(Slow-to-Fast)
		56- 125	PulseStrobe(Slow-to-Fast)
		126 -189	RandomStrobe(Slow-to-Fast)



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		190 -255	Open
16	Flash Duration W2	0- 5	Open(Default)
		6- 245	7- 650ms
		246 -255	Disabled
17	Shutter / Strobe BEAM W3	0- 5	Open(Default)
		6- 55	SynchronusStrobeRate(Slow-to-Fast)
		56- 125	PulseStrobe(Slow-to-Fast)
		126 -189	RandomStrobe(Slow-to-Fast)
		190 -255	Open
18	Flash Duration W3	0- 5	Open(Default)
		6- 245	7- 650ms
		246 -255	Disabled
19	Shutter / Strobe BEAM W4	0- 5	Open(Default)
		6- 55	SynchronusStrobeRate(Slow-to-Fast)
		56- 125	PulseStrobe(Slow-to-Fast)
		126 -189	RandomStrobe(Slow-to-Fast)
		190 -255	Open
20	Flash Duration W4	0- 5	Open(Default)
		6- 245	7- 650ms
		246 -255	Disabled
21	Red 1	0- 255	
22	Green 1	0- 255	
23	Blue 1	0- 255	
24	WarmWhite 1	0- 255	
25	Red 2	0- 255	
26	Green 2	0- 255	
27	Blue 2	0- 255	
28	WarmWhite 2	0- 255	
29	Red 3	0- 255	
30	Green 3	0- 255	
31	Blue 3	0- 255	
32	WarmWhite 2	0-255	
33	W1 BEAM	0- 255	
34	W2 BEAM	0- 255	
35	W3 BEAM	0- 255	
36	W4 BEAM	0- 255	
37	Macro FX PLATE 1	0- 5	Disabled
		6-255	See Plate List
38	MacroFXSpeed PLATE1	0- 255	Slowto Fast
39	Macro FX PLATE 2	0- 5	Disabled



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		6-255	See Plate List
40	MacroFXSpeed PLATE2	0- 255	Slowto Fast
41	Macro FX PLATE 3	0- 5	Disabled
		6-255	See Plate List
42	MacroFXSpeed PLATE3	0- 255	Slowto Fast
43	Macro FX BEAM W1	0- 5	Disabled
		6-255	See Beam FX List
44	MacroFXSpeed BEAM W1	0- 255	Slowto Fast
45	Macro FX BEAM W2	0- 5	Disabled
		6-255	See Beam FX List
46	MacroFXSpeed BEAM W2	0- 255	Slowto Fast
47	Macro FX BEAM W3	0- 5	Disabled
		6-255	See Beam FX List
48	MacroFXSpeed BEAM W3	0- 255	Slowto Fast
49	Macro FX BEAM W4	0- 5	Disabled
		6-255	See Beam FX List
50	MacroFXSpeed BEAM W4	0- 255	Slowto Fast
51	Foreground Color Macro PLATE 1	0-5	Disabled
		6-255	See Color Macros List
52	Background Color Macro PLATE 1	0-5	Disabled
		6-255	See Color Macros List
53	Foreground Color Macro PLATE 2	0-5	Disabled
		6-255	See Color Macros List
54	Background Color Macro PLATE 2	0-5	Disabled
		6-255	See Color Macros List
55	Foreground Color Macro PLATE 3	0-5	Disabled
		6-255	See Color Macros List
56	Background Color Macro PLATE 3	0-5	Disabled
		6-255	See Color Macros List



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76CH Mode

76CH Mode	Function	DMX Value	Description
1	Tilt	0- 255	-90 -> 90
2	Tilt Fine	0- 255	
3	Tilt Speed	0- 255	
4	Control (5s Activation Delay)	0- 5	NoFunction
		6- 9	Default Dimmner (Linear)
		10- 14	SquareLawDimmer
		25- 29	DimmerSpeedFast
		30- 34	DimmerSpeedSmmoth
		35- 39	LED Frequency400Hz
		40- 44	LED Frequency1200Hz
		45- 49	LED Frequency2000Hz
		50- 54	LED Frequency4000Hz
		55- 59	LED Frequency6000Hz
		60- 64	LED Frequency8000Hz
		65- 69	LED Frequency16000Hz
		70- 74	LED Frequency20000Hz
		75- 79	FanMode - Auto
		80- 84	FanMode - Quiet
		85- 89	FanMode - Performance
90- 199	NoFunction		
200- 220	ResetTilt		
221- 255	ResetAll		
5	Master Dimmer	0- 255	0-100%
6	Master DimmerFine (16-Bit)	0- 255	
7	Plate Shutter/ Strobe	0- 5	Open(Default)
		6- 55	SynchronusStrobeRate(Slow-to-Fast)
		56- 125	PulseStrobe(Slow-to-Fast)
		126- 189	RandomStrobe(Slow-to-Fast)
		190- 255	Open
8	PlateFlash Duration	0- 5	Disabled
		6- 245	7- 650ms
		246- 255	Disabled
9	Beam Shutter / Strobe	0- 5	Open(Default)
		6- 55	SynchronusStrobeRate(Slow-to-Fast)
		56- 125	PulseStrobe(Slow-to-Fast)



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		126- 189	RandomStrobe(Slow-to-Fast)
		190- 255	Open
10	Beam Flash Duration	0- 5	Disabled
		6- 245	7- 650ms
		246- 255	Disabled
11	All Beam Macro FX (overrides pixel values)	0-5	Disabled
		6-255	See Beam Patterns
12	All Beam MacroFX Speed	0- 255	Slow -> Fast
13	All Plate Macro FX (overrides pixel values)	0-5	Disabled
		6- 255	SeePlate Patterns
14	All Plate MacroFXSpeed	0- 255	Slow -> Fast
15	All Plate Foreground Color Macro	0-5	Disabled
		6-255	See Color Macros List
16	All plate Background Color Macro	0-5	Disabled
		6-255	See Color Macros List
17	Red Pixel 1	0- 255	0-100%
18	Green Pixel 1	0- 255	0-100%
19	Blue Pixel 1	0- 255	0-100%
20	WarmWhite Pixel 1	0- 255	0-100%
21	Red Pixel 2	0- 255	0-100%
22	Green Pixel 2	0- 255	0-100%
23	Blue Pixel 2	0- 255	0-100%
24	WarmWhite Pixel 2	0- 255	0-100%
25	Red Pixel 3	0- 255	0-100%
26	Green Pixel 3	0- 255	0-100%
27	Blue Pixel 3	0- 255	0-100%
28	WarmWhite Pixel 3	0- 255	0-100%
29	Red Pixel 4	0- 255	0-100%
30	Green Pixel 4	0- 255	0-100%
31	Blue Pixel 4	0- 255	0-100%
32	WarmWhite Pixel 4	0- 255	0-100%
33	Red Pixel 5	0- 255	0-100%
34	Green Pixel 5	0- 255	0-100%
35	Blue Pixel 5	0- 255	0-100%
36	WarmWhite Pixel 5	0- 255	0-100%
37	Red Pixel 6	0- 255	0-100%
38	Green Pixel 6	0- 255	0-100%



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39	Blue Pixel 6	0- 255	0-100%
40	WarmWhite Pixel 6	0- 255	0-100%
41	Red Pixel 7	0- 255	0-100%
42	Green Pixel 7	0- 255	0-100%
43	Blue Pixel 7	0- 255	0-100%
44	WarmWhite Pixel 7	0- 255	0-100%
45	Red Pixel 8	0- 255	0-100%
46	Green Pixel 8	0- 255	0-100%
47	Blue Pixel 8	0- 255	0-100%
48	WarmWhite Pixel 8	0- 255	0-100%
49	Red Pixel 9	0- 255	0-100%
50	Green Pixel 9	0- 255	0-100%
51	Blue Pixel 9	0- 255	0-100%
52	WarmWhite Pixel 9	0- 255	0-100%
53	Red Pixel 10	0- 255	0-100%
54	Green Pixel 10	0- 255	0-100%
55	Blue Pixel 10	0- 255	0-100%
56	WarmWhite Pixel 10	0- 255	0-100%
57	Red Pixel 11	0- 255	0-100%
58	Green Pixel 11	0- 255	0-100%
59	Blue Pixel 11	0- 255	0-100%
60	WarmWhite Pixel 11	0- 255	0-100%
61	Red Pixel 12	0- 255	0-100%
62	Green Pixel 12	0- 255	0-100%
63	Blue Pixel 12	0- 255	0-100%
64	WarmWhite Pixel 12	0- 255	0-100%
65	Beam Pixel W1	0- 255	0-100%
66	Beam Pixel W2	0- 255	0-100%
67	Beam Pixel W3	0- 255	0-100%
68	Beam Pixel W4	0- 255	0-100%
69	Beam Pixel W5	0- 255	0-100%
70	Beam Pixel W6	0- 255	0-100%
71	Beam Pixel W7	0- 255	0-100%
72	Beam Pixel W8	0- 255	0-100%
76	Beam Pixel W9	0- 255	0-100%
74	Beam Pixel W10	0- 255	0-100%
75	Beam Pixel W11	0- 255	0-100%
76	Beam Pixel W12	0- 255	0-100%



AQUILA X4  
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 IP65 LED HYBRID STROBE

112CH Mode

112CH Mode	Function	DMX Value	Description
1	Tilt	0- 255	
2	Tilt Fine	0- 255	
3	Tilt Speed	0- 255	
4	Control (5s Activation Delay)	0- 5	NoFunction
		6- 9	Default Dimmner (Linear)
		10- 14	SquareLawDimmer
		15- 19	SquareInverseDimmer
		20- 24	S-CurveLaw Dimmer
		25- 29	DimmerSpeedFast
		30- 34	DimmerSpeedSmmoth
		35- 39	LED Frequency400Hz
		40- 44	LED Frequency1200Hz
		45- 49	LED Frequency2000Hz
		55- 59	LED Frequency6000Hz
		60- 64	LED Frequency8000Hz
		65- 69	LED Frequency16000Hz
		70- 74	LED Frequency20000Hz
		75- 79	FanMode - Auto
		80- 84	FanMode - Quiet
		85- 89	FanMode - Performance
		90- 199	NoFunction
200- 220	ResetTilt		
221- 255	ResetAll		
5	Master Dimmer	0- 255	0-100%
6	Master DimmerFine (16-Bit)	0- 255	
7	PlateShutter/ Strobe	0- 5	Open(Default)
		6- 55	SynchronusStrobeRate(Slow-to-Fast)
		56- 125	PulseStrobe(Slow-to-Fast)
		126- 189	RandomStrobe(Slow-to-Fast)
		190- 255	Open
8	PlateFlash Duration	0- 5	Disabled
		6- 245	7- 650ms
		246- 255	Disabled
9	Beam Shutter / Strobe	0- 5	Open(Default)
		6- 55	SynchronusStrobeRate(Slow-to-Fast)



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		56- 125	PulseStrobe(Slow-to-Fast)
		126- 189	RandomStrobe(Slow-to-Fast)
		190- 255	Open
10	Beam Flash Duration	0- 5	Disabled
		6- 245	7- 650ms
		246- 255	Disabled
11	All Beam Macro FX (overrides pixel values)	0-5	Disabled
		6-255	See Beam Patterns
12	All Beam MacroFX Speed	0- 255	Slow -> Fast
13	Red Pixel 1	0- 255	0-100%
14	Green Pixel 1	0- 255	0-100%
15	Blue Pixel 1	0- 255	0-100%
16	WarmWhite Pixel 1	0- 255	0-100%
17	Red Pixel 2	0- 255	0-100%
18	Green Pixel 2	0- 255	0-100%
19	Blue Pixel 2	0- 255	0-100%
20	WarmWhite Pixel 2	0- 255	0-100%
21	Red Pixel 3	0- 255	0-100%
22	Green Pixel 3	0- 255	0-100%
23	Blue Pixel 3	0- 255	0-100%
24	WarmWhite Pixel 3	0- 255	0-100%
25	Red Pixel 4	0- 255	0-100%
26	Green Pixel 4	0- 255	0-100%
27	Blue Pixel 4	0- 255	0-100%
28	WarmWhite Pixel 4	0- 255	0-100%
29	Red Pixel 5	0- 255	0-100%
30	Green Pixel 5	0- 255	0-100%
31	Blue Pixel 5	0- 255	0-100%
32	WarmWhite Pixel 5	0- 255	0-100%
33	Red Pixel 6	0- 255	0-100%
34	Green Pixel 6	0- 255	0-100%
35	Blue Pixel 6	0- 255	0-100%
36	WarmWhite Pixel 6	0- 255	0-100%
37	Red Pixel 7	0- 255	0-100%
38	Green Pixel 7	0- 255	0-100%
39	Blue Pixel 7	0- 255	0-100%
40	WarmWhite Pixel 7	0- 255	0-100%
41	Red Pixel 8	0- 255	0-100%
42	Green Pixel 8	0- 255	0-100%
43	Blue Pixel 8	0- 255	0-100%



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44	WarmWhite Pixel 8	0- 255	0-100%
45	Red Pixel 9	0- 255	0-100%
46	Green Pixel 9	0- 255	0-100%
47	Blue Pixel 9	0- 255	0-100%
48	WarmWhite Pixel 9	0- 255	0-100%
49	Red Pixel 10	0- 255	0-100%
50	Green Pixel 10	0- 255	0-100%
51	Blue Pixel 10	0- 255	0-100%
52	WarmWhite Pixel 10	0- 255	0-100%
53	Red Pixel 11	0- 255	0-100%
54	Green Pixel 11	0- 255	0-100%
55	Blue Pixel 11	0- 255	0-100%
56	WarmWhite Pixel 11	0- 255	0-100%
57	Red Pixel 12	0- 255	0-100%
58	Green Pixel 12	0- 255	0-100%
59	Blue Pixel 12	0- 255	0-100%
60	WarmWhite Pixel 12	0- 255	0-100%
61	Red Pixel 13	0- 255	0-100%
62	Green Pixel 13	0- 255	0-100%
63	Blue Pixel 13	0- 255	0-100%
64	WarmWhite Pixel 13	0- 255	0-100%
65	Red Pixel 14	0- 255	0-100%
66	Green Pixel 14	0- 255	0-100%
67	Blue Pixel 14	0- 255	0-100%
68	WarmWhite Pixel 14	0- 255	0-100%
69	Red Pixel 15	0- 255	0-100%
70	Green Pixel 15	0- 255	0-100%
71	Blue Pixel 15	0- 255	0-100%
72	WarmWhite Pixel 15	0- 255	0-100%
73	Red Pixel 16	0- 255	0-100%
74	Green Pixel 16	0- 255	0-100%
75	Blue Pixel 16	0- 255	0-100%
76	WarmWhite Pixel 16	0- 255	0-100%
77	Red Pixel 17	0- 255	0-100%
78	Green Pixel 17	0- 255	0-100%
79	Blue Pixel 17	0- 255	0-100%
80	WarmWhite Pixel 17	0- 255	0-100%
81	Red Pixel 18	0- 255	0-100%
82	Green Pixel 18	0- 255	0-100%
83	Blue Pixel 18	0- 255	0-100%
84	WarmWhite Pixel 18	0- 255	0-100%



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85	Red Pixel 19	0- 255	0-100%
86	Green Pixel 19	0- 255	0-100%
87	Blue Pixel 19	0- 255	0-100%
88	WarmWhite Pixel 19	0- 255	0-100%
89	Red Pixel 20	0- 255	0-100%
90	Green Pixel 20	0- 255	0-100%
91	Blue Pixel 20	0- 255	0-100%
92	WarmWhite Pixel 20	0- 255	0-100%
93	Red Pixel 21	0- 255	0-100%
94	Green Pixel 21	0- 255	0-100%
95	Blue Pixel 21	0- 255	0-100%
96	WarmWhite Pixel 21	0- 255	0-100%
97	Red Pixel 22	0- 255	0-100%
98	Green Pixel 22	0- 255	0-100%
99	Blue Pixel 22	0- 255	0-100%
100	WarmWhite Pixel 22	0- 255	0-100%
101	Red Pixel 23	0- 255	0-100%
102	Green Pixel 23	0- 255	0-100%
103	Blue Pixel 23	0- 255	0-100%
104	WarmWhite Pixel 23	0- 255	0-100%
105	Red Pixel 24	0- 255	0-100%
106	Green Pixel 24	0- 255	0-100%
107	Blue Pixel 24	0- 255	0-100%
108	WarmWhite Pixel 24	0- 255	0-100%
109	Beam Pixel W1	0- 255	0-100%
110	Beam Pixel W2	0- 255	0-100%
111	Beam Pixel W3	0- 255	0-100%
112	Beam Pixel W4	0- 255	0-100%

#### 114CH Mode

114CH Mode	Function	DMX Value	Description
1	Tilt	0- 255	
2	Tilt Fine	0- 255	
3	Tilt Speed	0- 255	
4	Control (5s Activation Delay)	0- 5	NoFunction
		6- 9	Default Dimmner (Linear)
		10- 14	SquareLawDimmer
		15- 19	SquareInverseDimmer
		25- 29	DimmerSpeedFast



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		30- 34	DimmerSpeedSmoth
		35- 39	LED Frequency400Hz
		40- 44	LED Frequency1200Hz
		45- 49	LED Frequency2000Hz
		50- 54	LED Frequency4000Hz
		55- 59	LED Frequency6000Hz
		60- 64	LED Frequency8000Hz
		65- 69	LED Frequency16000Hz
		70- 74	LED Frequency20000Hz
		75- 79	FanMode - Auto
		80- 84	FanMode - Quiet
		85- 89	FanMode - Performance
		90- 199	NoFunction
		200- 220	ResetTilt
		221- 255	ResetAll
5	MasterDimmer	0- 255	0-100%
6	MasterDimmer Fine(16-Bit)	0- 255	
7	PlateShutter/ Strobe	0- 5	Open(Default)
		6- 55	SynchronusStrobeRate(Slow-to-Fast)
		56- 125	PulseStrobe(Slow-to-Fast)
		126- 189	RandomStrobe(Slow-to-Fast)
		190- 255	Open
8	PlateFlash Duration	0- 5	Disabled
		6- 245	7- 650ms
		246- 255	Disabled
9	BeamShutter / Strobe	0- 5	Open(Default)
		6- 55	SynchronusStrobeRate(Slow-to-Fast)
		56- 125	PulseStrobe(Slow-to-Fast)
		126- 189	RandomStrobe(Slow-to-Fast)
		190- 255	Open
10	BeamFlash Duration	0- 5	Disabled
		6- 245	7- 650ms
		246- 255	Disabled
11	Red Plate	0- 255	0-100%
12	Green Plate	0- 255	0-100%
13	Blue Plate	0- 255	0-100%
14	WarmWhite Plate	0- 255	0-100%
15	Macro FX PLATE	0- 5	Disabled
		6- 255	See Plate Patterns



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16	Plate1 MacroFXSpeed	0- 255	Slow -> Fast
17	Foreground Color Macro PLATE	0-5	Disabled
		6-255	See Color Macros List
18	Background Color Macro PLATE	0-5	Disabled
			See Color Macros List
19	BeamPixel W1	0- 255	0-100%
20	BeamPixel W2	0- 255	0-100%
21	BeamPixel W3	0- 255	0-100%
22	BeamPixel W4	0- 255	0-100%
23	BeamPixel W5	0- 255	0-100%
24	BeamPixel W6	0- 255	0-100%
25	BeamPixel W7	0- 255	0-100%
26	BeamPixel W8	0- 255	0-100%
27	BeamPixel W9	0- 255	0-100%
28	BeamPixel W10	0- 255	0-100%
29	BeamPixel W11	0- 255	0-100%
30	BeamPixel W12	0- 255	0-100%
31	BeamPixel W13	0- 255	0-100%
32	BeamPixel W14	0- 255	0-100%
33	BeamPixel W15	0- 255	0-100%
34	BeamPixel W16	0- 255	0-100%
35	BeamPixel W17	0- 255	0-100%
36	BeamPixel W18	0- 255	0-100%
37	BeamPixel W19	0- 255	0-100%
38	BeamPixel W20	0- 255	0-100%
39	BeamPixel W21	0- 255	0-100%
40	BeamPixel W22	0- 255	0-100%
41	BeamPixel W23	0- 255	0-100%
42	BeamPixel W24	0- 255	0-100%
43	BeamPixel W25	0- 255	0-100%
44	BeamPixel W26	0- 255	0-100%
45	BeamPixel W27	0- 255	0-100%
46	BeamPixel W28	0- 255	0-100%
47	BeamPixel W29	0- 255	0-100%
48	BeamPixel W30	0- 255	0-100%
49	BeamPixel W31	0- 255	0-100%
50	BeamPixel W32	0- 255	0-100%
51	BeamPixel W33	0- 255	0-100%
52	BeamPixel W34	0- 255	0-100%
53	BeamPixel W35	0- 255	0-100%
54	BeamPixel W36	0- 255	0-100%



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55	BeamPixel W37	0- 255	0-100%
56	BeamPixel W38	0- 255	0-100%
57	BeamPixel W39	0- 255	0-100%
58	BeamPixel W40	0- 255	0-100%
59	BeamPixel W41	0- 255	0-100%
60	BeamPixel W42	0- 255	0-100%
61	BeamPixel W43	0- 255	0-100%
62	BeamPixel W44	0- 255	0-100%
63	BeamPixel W45	0- 255	0-100%
64	BeamPixel W46	0- 255	0-100%
65	BeamPixel W47	0- 255	0-100%
66	BeamPixel W48	0- 255	0-100%
67	BeamPixel W49	0- 255	0-100%
68	BeamPixel W50	0- 255	0-100%
69	BeamPixel W51	0- 255	0-100%
70	BeamPixel W52	0- 255	0-100%
71	BeamPixel W53	0- 255	0-100%
72	BeamPixel W54	0- 255	0-100%
73	BeamPixel W55	0- 255	0-100%
74	BeamPixel W56	0- 255	0-100%
75	BeamPixel W57	0- 255	0-100%
76	BeamPixel W58	0- 255	0-100%
77	BeamPixel W59	0- 255	0-100%
78	BeamPixel W60	0- 255	0-100%
79	BeamPixel W61	0- 255	0-100%
80	BeamPixel W62	0- 255	0-100%
81	BeamPixel W63	0- 255	0-100%
82	BeamPixel W64	0- 255	0-100%
83	BeamPixel W65	0- 255	0-100%
84	BeamPixel W66	0- 255	0-100%
85	BeamPixel W67	0- 255	0-100%
86	BeamPixel W68	0- 255	0-100%
87	BeamPixel W69	0- 255	0-100%
88	BeamPixel W70	0- 255	0-100%
89	BeamPixel W71	0- 255	0-100%
90	BeamPixel W72	0- 255	0-100%
91	BeamPixel W73	0- 255	0-100%
92	BeamPixel W74	0- 255	0-100%
93	BeamPixel W75	0- 255	0-100%
94	BeamPixel W76	0- 255	0-100%
95	BeamPixel W77	0- 255	0-100%



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96	BeamPixel W78	0- 255	0-100%
97	BeamPixel W79	0- 255	0-100%
98	BeamPixel W80	0- 255	0-100%
99	BeamPixel W81	0- 255	0-100%
100	BeamPixel W82	0- 255	0-100%
101	BeamPixel W83	0- 255	0-100%
102	BeamPixel W84	0- 255	0-100%
103	BeamPixel W85	0- 255	0-100%
104	BeamPixel W86	0- 255	0-100%
105	BeamPixel W87	0- 255	0-100%
106	BeamPixel W88	0- 255	0-100%
107	BeamPixel W89	0- 255	0-100%
108	BeamPixel W90	0- 255	0-100%
109	BeamPixel W91	0- 255	0-100%
110	BeamPixel W92	0- 255	0-100%
111	BeamPixel W93	0- 255	0-100%
112	BeamPixel W94	0- 255	0-100%
113	BeamPixel W95	0- 255	0-100%
114	BeamPixel W96	0- 255	0-100%

### 138CH Mode

138CH Mode	Function	DMX Value	Description
1	Tilt	0- 255	
2	Tilt Fine	0- 255	
3	Tilt Speed	0- 255	
4	Control (5s Activation Delay)	0- 5	NoFunction
		6- 9	Default Dimmer (Linear+D14:D29)
		10- 14	SquareLaw Dimmer
		15- 19	SquareInverse Dimmer
		20- 24	S-CurveLaw Dimmer
		25- 29	DimmerSpeed Fast
		30- 34	DimmerSpeed Ssmooth
		35- 39	LED Frequency400Hz
		45- 49	LED Frequency2000Hz
		50- 54	LED Frequency4000Hz
		55- 59	LED Frequency6000Hz
		60- 64	LED Frequency8000Hz
65- 69	LED Frequency16000Hz		



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		70- 74	LED Frequency20000Hz
		75- 79	FanMode - Auto
		80- 84	FanMode - Quiet
		85- 89	FanMode - Performance
		90- 199	NoFunction
		200 -220	Reset Tilt
		221 -255	Reset All
5	Master Dimmer	0- 255	0-100%
6	Master Dimmer Fine (16-Bit)	0- 255	
7	Plate Shutter/ Strobe	0- 5	Open(Default)
		6- 55	SynchronusStrobeRate(Slow-to-Fast)
		56- 125	Pulse Strobe(Slow-to-Fast)
		126 -189	Random Strobe(Slow-to-Fast)
		190 -255	Open
8	PlateFlash Duration	0- 5	Disabled
		6- 245	7- 650ms
		246 -255	Disabled
9	Beam Shutter / Strobe	0- 5	Open(Default)
		6- 55	SynchronusStrobeRate(Slow-to-Fast)
		56- 125	Pulse Strobe(Slow-to-Fast)
		126 -189	Random Strobe(Slow-to-Fast)
		190 -255	Open
10	Beam Flash Duration	0- 5	Disabled
		6- 245	7- 650ms
		246 -255	Disabled
11	Red Pixel 1	0- 255	0-100%
12	Green Pixel 1	0- 255	0-100%
13	Blue Pixel 1	0- 255	0-100%
14	WarmWhite Pixel 1	0- 255	0-100%
15	Red Pixel 2	0- 255	0-100%
16	Green Pixel 2	0- 255	0-100%
17	Blue Pixel 2	0- 255	0-100%
18	WarmWhite Pixel 2	0- 255	0-100%
19	Red Pixel 3	0- 255	0-100%
20	Green Pixel 3	0- 255	0-100%
21	Blue Pixel 3	0- 255	0-100%
22	WarmWhite Pixel 3	0- 255	0-100%
23	Red Pixel 4	0- 255	0-100%
24	Green Pixel 4	0- 255	0-100%



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25	Blue Pixel 4	0- 255	0-100%
26	WarmWhite Pixel 4	0- 255	0-100%
27	Red Pixel 5	0- 255	0-100%
28	Green Pixel 5	0- 255	0-100%
29	Blue Pixel 5	0- 255	0-100%
30	WarmWhite Pixel 5	0- 255	0-100%
31	Red Pixel 6	0- 255	0-100%
32	Green Pixel 6	0- 255	0-100%
33	Blue Pixel 6	0- 255	0-100%
34	WarmWhite Pixel 6	0- 255	0-100%
35	Red Pixel 7	0- 255	0-100%
36	Green Pixel 7	0- 255	0-100%
37	Blue Pixel 7	0- 255	0-100%
38	WarmWhite Pixel 7	0- 255	0-100%
39	Red Pixel 8	0- 255	0-100%
40	Green Pixel 8	0- 255	0-100%
41	Blue Pixel 8	0- 255	0-100%
42	WarmWhite Pixel 8	0- 255	0-100%
43	Red Pixel 9	0- 255	0-100%
44	Green Pixel 9	0- 255	0-100%
45	Blue Pixel 9	0- 255	0-100%
46	WarmWhite Pixel 9	0- 255	0-100%
47	Red Pixel 10	0- 255	0-100%
48	Green Pixel 10	0- 255	0-100%
49	Blue Pixel 10	0- 255	0-100%
50	WarmWhite Pixel 10	0- 255	0-100%
51	Red Pixel 11	0- 255	0-100%
52	Green Pixel 11	0- 255	0-100%
53	Blue Pixel 11	0- 255	0-100%
54	WarmWhite Pixel 11	0- 255	0-100%
55	Red Pixel 12	0- 255	0-100%
56	Green Pixel 12	0- 255	0-100%
57	Blue Pixel 12	0- 255	0-100%
58	WarmWhite Pixel 12	0- 255	0-100%
59	Red Pixel 13	0- 255	0-100%
60	Green Pixel 13	0- 255	0-100%
61	Blue Pixel 13	0- 255	0-100%
62	WarmWhite Pixel 13	0- 255	0-100%
63	Red Pixel 14	0- 255	0-100%
64	Green Pixel 14	0- 255	0-100%
65	Blue Pixel 14	0- 255	0-100%



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66	WarmWhite Pixel 14	0- 255	0-100%
67	Red Pixel 15	0- 255	0-100%
68	Green Pixel 15	0- 255	0-100%
69	Blue Pixel 15	0- 255	0-100%
70	WarmWhite Pixel 15	0- 255	0-100%
71	Red Pixel 16	0- 255	0-100%
72	Green Pixel 16	0- 255	0-100%
73	Blue Pixel 16	0- 255	0-100%
74	WarmWhite Pixel 16	0- 255	0-100%
75	Red Pixel 17	0- 255	0-100%
76	Green Pixel 17	0- 255	0-100%
77	Blue Pixel 17	0- 255	0-100%
78	WarmWhite Pixel 17	0- 255	0-100%
79	Red Pixel 18	0- 255	0-100%
80	Green Pixel 18	0- 255	0-100%
81	Blue Pixel 18	0- 255	0-100%
82	WarmWhite Pixel 18	0- 255	0-100%
83	Red Pixel 19	0- 255	0-100%
84	Green Pixel 19	0- 255	0-100%
85	Blue Pixel 19	0- 255	0-100%
86	WarmWhite Pixel 19	0- 255	0-100%
87	Red Pixel 20	0- 255	0-100%
88	Green Pixel 20	0- 255	0-100%
89	Blue Pixel 20	0- 255	0-100%
90	WarmWhite Pixel 20	0- 255	0-100%
91	Red Pixel 21	0- 255	0-100%
92	Green Pixel 21	0- 255	0-100%
93	Blue Pixel 21	0- 255	0-100%
94	WarmWhite Pixel 21	0- 255	0-100%
95	Red Pixel 22	0- 255	0-100%
96	Green Pixel 22	0- 255	0-100%
97	Blue Pixel 22	0- 255	0-100%
98	WarmWhite Pixel 22	0- 255	0-100%
99	Red Pixel 23	0- 255	0-100%
100	Green Pixel 23	0- 255	0-100%
101	Blue Pixel 23	0- 255	0-100%
102	WarmWhite Pixel 23	0- 255	0-100%
103	Red Pixel 24	0- 255	0-100%
104	Green Pixel 24	0- 255	0-100%
105	Blue Pixel 24	0- 255	0-100%
106	WarmWhite Pixel 24	0- 255	0-100%



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107	Beam Pixel W1	0- 255	0-100%
108	Beam Pixel W2	0- 255	0-100%
109	Beam Pixel W3	0- 255	0-100%
110	Beam Pixel W4	0- 255	0-100%
111	Beam Pixel W5	0- 255	0-100%
112	Beam Pixel W6	0- 255	0-100%
113	Beam Pixel W7	0- 255	0-100%
114	Beam Pixel W8	0- 255	0-100%
115	Beam Pixel W9	0- 255	0-100%
116	BeamPixel W10	0- 255	0-100%
117	BeamPixel W11	0- 255	0-100%
118	BeamPixel W12	0- 255	0-100%
119	BeamPixel W13	0- 255	0-100%
120	BeamPixel W14	0- 255	0-100%
121	BeamPixel W15	0- 255	0-100%
122	BeamPixel W16	0- 255	0-100%
123	BeamPixel W17	0- 255	0-100%
124	BeamPixel W18	0- 255	0-100%
125	BeamPixel W19	0- 255	0-100%
126	BeamPixel W20	0- 255	0-100%
127	BeamPixel W21	0- 255	0-100%
128	BeamPixel W22	0- 255	0-100%
129	BeamPixel W23	0- 255	0-100%
130	BeamPixel W24	0- 255	0-100%
131	BeamPixel W25	0- 255	0-100%
132	BeamPixel W26	0- 255	0-100%
133	BeamPixel W27	0- 255	0-100%
134	BeamPixel W28	0- 255	0-100%
135	BeamPixel W29	0- 255	0-100%
136	BeamPixel W30	0- 255	0-100%
137	BeamPixel W31	0- 255	0-100%
138	BeamPixel W32	0- 255	0-100%

208CH Mode

208CH Mode	Function	DMX Value	Description
1	Tilt	0- 255	
2	Tilt Fine	0- 255	
3	Tilt Speed	0- 255	
4	Control (5s Activation Delay)	0- 5	NoFunction



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		6- 9	Default Dimmner(Linear+D14:D29)
		10- 14	SquareLaw Dimmer
		15- 19	SquareInverseDimmer
		20- 24	S-CurveLaw Dimmer
		25- 29	DimmerSpeed Fast
		30- 34	DimmerSpeed Smmoth
		35- 39	LED Frequency400Hz
		40- 44	LED Frequency1200Hz
		45- 49	LED Frequency2000Hz
		55- 59	LED Frequency6000Hz
		60- 64	LED Frequency8000Hz
		65- 69	LED Frequency16000Hz
		70- 74	LED Frequency20000Hz
		75- 79	FanMode - Auto
		80- 84	FanMode - Quiet
		85- 89	FanMode - Performance
		90- 199	NoFunction
		200- 220	Reset Tilt
		221- 255	Reset All
5	Master Dimmer	0- 255	0-100%
6	Master DimmerFine (16-Bit)	0- 255	
7	PlateShutter/ Strobe	0- 5	Open(Default)
		6- 55	SynchronusStrobeRate(Slow-to-Fast)
		56- 125	Pulse Strobe(Slow-to-Fast)
		126- 189	Random Strobe(Slow-to-Fast)
		190- 255	Open
8	PlateFlash Duration	0- 5	Disabled
		6- 245	7- 650ms
		246- 255	Disabled
9	Beam Shutter / Strobe	0- 5	Open(Default)
		6- 55	SynchronusStrobeRate(Slow-to-Fast)
		56- 125	Pulse Strobe(Slow-to-Fast)
		126- 189	Random Strobe(Slow-to-Fast)
		190- 255	Open
10	Beam FlashDuration	0- 5	Disabled
		6- 245	7- 650ms
		246- 255	Disabled



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11	All Beam Macro FX (overrides pixel values)	0-5	Disabled
		6-255	See Beam Macro
12	All Beam MacroFX Speed	0- 255	Slow -> Fast
13	All Plate Macro FX (overrides pixel values)	0-5	Disabled
		6-255	See Plate Macro
14	All Plate MacroFXSpeed	0- 255	Slow -> Fast
15	All Plate Foreground Color Macro	0-5	Disabled
		6-255	See Color Macros List
16	All plate Background Color Macro	0-5	Disabled
		6-255	See Color Macros List
17	Red Pixel 1	0- 255	0-100%
18	Green Pixel 1	0- 255	0-100%
19	Blue Pixel 1	0- 255	0-100%
20	WarmWhite Pixel 1	0- 255	0-100%
21	Red Pixel 2	0- 255	0-100%
22	Green Pixel 2	0- 255	0-100%
23	Blue Pixel 2	0- 255	0-100%
24	WarmWhite Pixel 2	0- 255	0-100%
25	Red Pixel 3	0- 255	0-100%
26	Green Pixel 3	0- 255	0-100%
27	Blue Pixel 3	0- 255	0-100%
28	WarmWhite Pixel 3	0- 255	0-100%
29	Red Pixel 4	0- 255	0-100%
30	Green Pixel 4	0- 255	0-100%
31	Blue Pixel 4	0- 255	0-100%
32	WarmWhite Pixel 4	0- 255	0-100%
33	Red Pixel 5	0- 255	0-100%
34	Green Pixel 5	0- 255	0-100%
35	Blue Pixel 5	0- 255	0-100%
36	WarmWhite Pixel 5	0- 255	0-100%
37	Red Pixel 6	0- 255	0-100%
38	Green Pixel 6	0- 255	0-100%
39	Blue Pixel 6	0- 255	0-100%
40	WarmWhite Pixel 6	0- 255	0-100%
41	Red Pixel 7	0- 255	0-100%
42	Green Pixel 7	0- 255	0-100%
43	Blue Pixel 7	0- 255	0-100%



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44	WarmWhite Pixel 7	0- 255	0-100%
45	Red Pixel 8	0- 255	0-100%
46	Green Pixel 8	0- 255	0-100%
47	Blue Pixel 8	0- 255	0-100%
48	WarmWhite Pixel 8	0- 255	0-100%
49	Red Pixel 9	0- 255	0-100%
50	Green Pixel 9	0- 255	0-100%
51	Blue Pixel 9	0- 255	0-100%
52	WarmWhite Pixel 9	0- 255	0-100%
53	Red Pixel 10	0- 255	0-100%
54	Green Pixel 10	0- 255	0-100%
55	Blue Pixel 10	0- 255	0-100%
56	WarmWhite Pixel 10	0- 255	0-100%
57	Red Pixel 11	0- 255	0-100%
58	Green Pixel 11	0- 255	0-100%
59	Blue Pixel 11	0- 255	0-100%
60	WarmWhite Pixel 11	0- 255	0-100%
61	Red Pixel 12	0- 255	0-100%
62	Green Pixel 12	0- 255	0-100%
63	Blue Pixel 12	0- 255	0-100%
64	WarmWhite Pixel 12	0- 255	0-100%
65	Red Pixel 13	0- 255	0-100%
66	Green Pixel 13	0- 255	0-100%
67	Blue Pixel 13	0- 255	0-100%
68	WarmWhite Pixel 13	0- 255	0-100%
69	Red Pixel 14	0- 255	0-100%
70	Green Pixel 14	0- 255	0-100%
71	Blue Pixel 14	0- 255	0-100%
72	WarmWhite Pixel 14	0- 255	0-100%
73	Red Pixel 15	0- 255	0-100%
74	Green Pixel 15	0- 255	0-100%
75	Blue Pixel 15	0- 255	0-100%
76	WarmWhite Pixel 15	0- 255	0-100%
77	Red Pixel 16	0- 255	0-100%
78	Green Pixel 16	0- 255	0-100%
79	Blue Pixel 16	0- 255	0-100%
80	WarmWhite Pixel 16	0- 255	0-100%
81	Red Pixel 17	0- 255	0-100%
82	Green Pixel 17	0- 255	0-100%
83	Blue Pixel 17	0- 255	0-100%
84	WarmWhite Pixel 17	0- 255	0-100%



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85	Red Pixel 18	0- 255	0-100%
86	Green Pixel 18	0- 255	0-100%
87	Blue Pixel 18	0- 255	0-100%
88	WarmWhite Pixel 18	0- 255	0-100%
89	Red Pixel 19	0- 255	0-100%
90	Green Pixel 19	0- 255	0-100%
91	Blue Pixel 19	0- 255	0-100%
92	WarmWhite Pixel 19	0- 255	0-100%
93	Red Pixel 20	0- 255	0-100%
94	Green Pixel 20	0- 255	0-100%
95	Blue Pixel 20	0- 255	0-100%
96	WarmWhite Pixel 20	0- 255	0-100%
97	Red Pixel 21	0- 255	0-100%
98	Green Pixel 21	0- 255	0-100%
99	Blue Pixel 21	0- 255	0-100%
100	WarmWhite Pixel 21	0- 255	0-100%
101	Red Pixel 22	0- 255	0-100%
102	Green Pixel 22	0- 255	0-100%
103	Blue Pixel 22	0- 255	0-100%
104	WarmWhite Pixel 22	0- 255	0-100%
105	Red Pixel 23	0- 255	0-100%
106	Green Pixel 23	0- 255	0-100%
107	Blue Pixel 23	0- 255	0-100%
108	WarmWhite Pixel 23	0- 255	0-100%
109	Red Pixel 24	0- 255	0-100%
110	Green Pixel 24	0- 255	0-100%
111	Blue Pixel 24	0- 255	0-100%
112	WarmWhite Pixel 24	0- 255	0-100%
113	Beam Pixel W1	0- 255	0-100%
114	Beam Pixel W2	0- 255	0-100%
115	Beam Pixel W3	0- 255	0-100%
116	Beam Pixel W4	0- 255	0-100%
117	Beam Pixel W5	0- 255	0-100%
118	Beam Pixel W6	0- 255	0-100%
119	Beam Pixel W7	0- 255	0-100%
120	Beam Pixel W8	0- 255	0-100%
121	Beam Pixel W9	0- 255	0-100%
122	BeamPixel W10	0- 255	0-100%
123	BeamPixel W11	0- 255	0-100%
124	BeamPixel W12	0- 255	0-100%
125	BeamPixel W13	0- 255	0-100%



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126	BeamPixel W14	0- 255	0-100%
127	BeamPixel W15	0- 255	0-100%
128	BeamPixel W16	0- 255	0-100%
129	BeamPixel W17	0- 255	0-100%
130	BeamPixel W18	0- 255	0-100%
131	BeamPixel W19	0- 255	0-100%
132	BeamPixel W20	0- 255	0-100%
133	BeamPixel W21	0- 255	0-100%
134	BeamPixel W22	0- 255	0-100%
135	BeamPixel W23	0- 255	0-100%
136	BeamPixel W24	0- 255	0-100%
137	BeamPixel W25	0- 255	0-100%
138	BeamPixel W26	0- 255	0-100%
139	BeamPixel W27	0- 255	0-100%
140	BeamPixel W28	0- 255	0-100%
141	BeamPixel W29	0- 255	0-100%
142	BeamPixel W30	0- 255	0-100%
143	BeamPixel W31	0- 255	0-100%
144	BeamPixel W32	0- 255	0-100%
145	BeamPixel W33	0- 255	0-100%
146	BeamPixel W34	0- 255	0-100%
147	BeamPixel W35	0- 255	0-100%
148	BeamPixel W36	0- 255	0-100%
149	BeamPixel W37	0- 255	0-100%
150	BeamPixel W38	0- 255	0-100%
151	BeamPixel W39	0- 255	0-100%
152	BeamPixel W40	0- 255	0-100%
153	BeamPixel W41	0- 255	0-100%
154	BeamPixel W42	0- 255	0-100%
155	BeamPixel W43	0- 255	0-100%
156	BeamPixel W44	0- 255	0-100%
157	BeamPixel W45	0- 255	0-100%
158	BeamPixel W46	0- 255	0-100%
159	BeamPixel W47	0- 255	0-100%
160	BeamPixel W48	0- 255	0-100%
161	BeamPixel W49	0- 255	0-100%
162	BeamPixel W50	0- 255	0-100%
163	BeamPixel W51	0- 255	0-100%
164	BeamPixel W52	0- 255	0-100%
165	BeamPixel W53	0- 255	0-100%
166	BeamPixel W54	0- 255	0-100%



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167	BeamPixel W55	0- 255	0-100%
168	BeamPixel W56	0- 255	0-100%
169	BeamPixel W57	0- 255	0-100%
170	BeamPixel W58	0- 255	0-100%
171	BeamPixel W59	0- 255	0-100%
172	BeamPixel W60	0- 255	0-100%
173	BeamPixel W61	0- 255	0-100%
174	BeamPixel W62	0- 255	0-100%
175	BeamPixel W63	0- 255	0-100%
176	BeamPixel W64	0- 255	0-100%
177	BeamPixel W65	0- 255	0-100%
178	BeamPixel W66	0- 255	0-100%
179	BeamPixel W67	0- 255	0-100%
180	BeamPixel W68	0- 255	0-100%
181	BeamPixel W69	0- 255	0-100%
182	BeamPixel W70	0- 255	0-100%
183	BeamPixel W71	0- 255	0-100%
184	BeamPixel W72	0- 255	0-100%
185	BeamPixel W73	0- 255	0-100%
186	BeamPixel W74	0- 255	0-100%
187	BeamPixel W75	0- 255	0-100%
188	BeamPixel W76	0- 255	0-100%
189	BeamPixel W77	0- 255	0-100%
190	BeamPixel W78	0- 255	0-100%
191	BeamPixel W79	0- 255	0-100%
192	BeamPixel W80	0- 255	0-100%
193	BeamPixel W81	0- 255	0-100%
194	BeamPixel W82	0- 255	0-100%
195	BeamPixel W83	0- 255	0-100%
196	BeamPixel W84	0- 255	0-100%
197	BeamPixel W85	0- 255	0-100%
198	BeamPixel W86	0- 255	0-100%
199	BeamPixel W87	0- 255	0-100%
200	BeamPixel W88	0- 255	0-100%
201	BeamPixel W89	0- 255	0-100%
202	BeamPixel W90	0- 255	0-100%
203	BeamPixel W91	0- 255	0-100%
204	BeamPixel W92	0- 255	0-100%
205	BeamPixel W93	0- 255	0-100%
206	BeamPixel W94	0- 255	0-100%
207	BeamPixel W95	0- 255	0-100%



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208

BeamPixel W96

0- 255

0-100%



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## MACRO & FUNCTION LIST

### Plate FX MACRO

Function	DMX Value	Description
<b>Plate Macro FX</b>	0- 5	Open/No Function
	6- 20	MacroEffect1
	21- 35	MacroEffect2
	36- 50	MacroEffect3
	51- 65	MacroEffect4
	66- 80	MacroEffect5
	81- 95	MacroEffect6
	96- 110	MacroEffect7
	111- 125	MacroEffect8
	126- 140	MacroEffect9
	141- 155	MacroEffect10
	156- 170	MacroEffect11
	171- 185	MacroEffect12
	186- 200	MacroEffect13
	201- 215	MacroEffect14
	216- 230	MacroEffect15
	231- 246	MacroEffect16
	246- 255	Macro Effect Scroll (Programs1-16)

### BEAM FX MACRO

Function	DMX Value	Description
<b>Beam Macro FX</b>	0- 5	Open/No Function
	6- 20	MacroEffect1
	21- 35	MacroEffect2
	36- 50	MacroEffect3
	51- 65	MacroEffect4
	66- 80	MacroEffect5
	81- 95	MacroEffect6
	96- 110	MacroEffect7
	111- 125	MacroEffect8
	126- 140	MacroEffect9
	141- 155	MacroEffect10
	156- 170	MacroEffect11
	171- 185	MacroEffect12
	186- 200	MacroEffect13
	201- 215	MacroEffect14



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	216- 230	MacroEffect15
	231- 246	MacroEffect16
	246- 255	Macro Effect Scroll (Programs1-16)

PLATE CTO MACRO

Function	DMX Value	Description
<b>Plate CTO MACRO</b>	0- 17	Open/No Function
	18- 34	8000K
	35- 51	7500K
	52- 68	6500K
	69- 85	6000K
	86- 102	5600K
	103- 119	5000K
	120- 136	4500K
	137- 153	4000K
	154- 170	3500K
	171- 187	3200K
	188- 204	3000K
	205- 221	2700K
	222- 230	2500K
	239- 255	2000K(TungstenEffect)

PLATE COLOR FOR- & BACKGROUND MACRO

Function	DMX Value	Description
<b>All Plate Foreground Color Macro</b>	0- 17	Disabled, No Effect
	18- 34	Red
	35- 51	Green
	52- 68	Blue
	69- 85	Cyan
	86- 102	Magenta
	103- 119	Yellow
	137- 153	CongoBlue
	154- 170	Medium Pink
	171- 187	Lavender
	188- 204	Fire
	205- 221	Orange
	222- 230	Amber
	239- 255	UV



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