

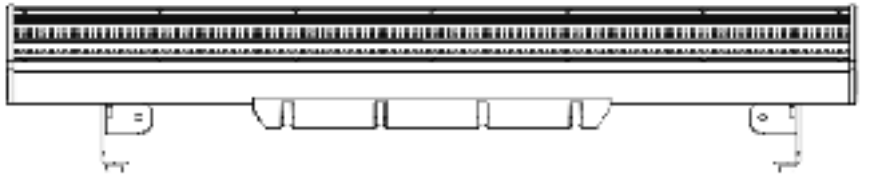


MEGA

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USER MANUAL

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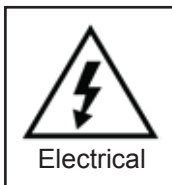
Read all cautions and warnings
prior to operation of this
equipment

Protection Against Fire



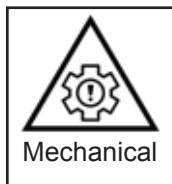
1. Maintain a minimum of 2 foot distance from any type of flame.
2. Fixture is not designed for outdoor use.
3. Do not install the unit too close to a heat source.
4. Make sure cables are properly secured.
5. Maximum surface operating temperature: 130°.

Protection Against Electrical Fire



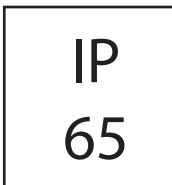
1. Disconnect power before servicing.
2. For connection to main power supply, proceed to page 4.
3. The power supply must be earthed (electronically grounded).
4. This fixture must not be left on for long periods of time.

Protection Against Mechanical Hazards



1. Use quality clamps or bolts when positioning unit.
2. Do not open unit while it is on. Risk of electrical shock.
3. Use secondary safety attachment to secure Fixture to Stand
4. Note: Fixture will home on power up, causing noise to come from the fixture.

Ingress Protection



The IP rating is commonly expressed as IP (Ingress Protection) is followed by 2 numbers (i.e. 65) where the numbers define the fixture rating. The first number indicates the size of a particle that can enter the fixture.. The second number indicates the extent of protection against water entering the fixture. An IP65 rating in this fixture indicates that dust particles can not enter the fixture. And there is protection against water spray from entering the fixture from any direction.

What is Included

1pc Outshine Flash Strip TW fixture
1pc Diffusion
1pc Nema 5-15 to SAC3Fx-67
1pc User Manual

Specifications

Part Number

Fixture ID

7229 - Outshine Flash Strip TW

Mechanical Specifications

Housing:	Die-Cast Aluminum
Mounting System:	Adjustable Mounting Yoke
Power Connection:	Seetronics SAC3MPX Input (Nema 5-15 to SAC3Fx-67 cable included)
Signal Connection:	5 Pin XLR In and Out
Outdoor Rating:	IP65
Maximum Temperature:	130°F
Filters:	Diffusion Included
Weight:	19.5 lb
Size:	39.37" X 5.25" X 8"

Electrical Specifications

Light Source:	240 WA 4W LEDs 720 RGB .5W LEDs
Pixels:	24 RGB 12 VW
Display:	LCD
Power Supply:	Electronic 90-264V AC 50/60
Power Consumption:	627 Watts 5.33 Amps @110V

Control & Programming

Protocol:	DMX 512, RDM
DMX Mode:	5 Channel Mode Red, Green, Blue, White, Amber
	14 Channel Mode Dimmer, R,G,B,W, A, RGB Strobe, VW Strobe, RGB Shutter Macro, Macro Speed, RGB Color Effect, Color Effect Speed, VW Shutter Macro, Macro Speed
	96 Channel Mode R,G,B X 24, White X 12, Amber X 12
	110 Channel Mode Dimmer, R,G,B,W, A, RGB Strobe, VW Strobe, RGB Shutter Macro, Macro Speed, RGB Color Effect, Color Effect Speed, VW Shutter Macro, Macro Speed, R,G,B X 24, White X 12, Amber X 12
Manual Mode:	Manual and Sound Activated Control

Main Power Connection

Caution!

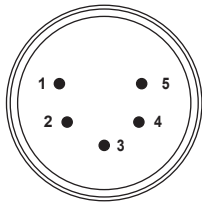
1. Do not connect to a dimmer system.
2. Connection points must not be exposed to moisture or liquids. Use appropriate connections rated for indoor use.
3. This unit has auto switching power supply. It will respond to 90-264V AC 50/60Hz automatically
4. Replace Fuse with specific type and rating.
5. This unit must be earthed. (electronically grounded)

Cable USA	Cable EU	110V	220V
Black	Brown	Live	Live
White	Light Blue	Neutral	Live
Green	Yellow / Green	Ground	Ground

DMX-512 Connection

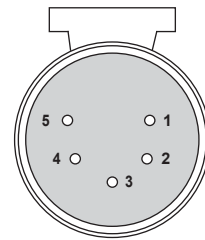
The fixture is equipped with 5 pin XLR Sockets for DMX input and output connection. The sockets are wired in parallel. Only use a shielded twisted pair cable designed for RS-485 and 5 pin XLR plugs and connectors in order to connect the controller with the fixture or the fixture with another.

DMX - Input



1.Shield (Grd)
2. Signal (-)
3. Signal (+)
N/A
N/A

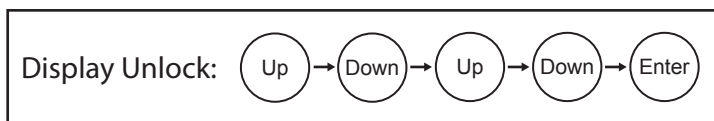
DMX - Output



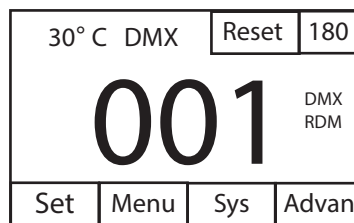
Caution!

On the last fixture the DMX signal needs to be terminated with a terminator. Pre-manufactured terminator are available for purchase from your Mega-Lite dealer item #P-DMX-T.

Display Control



The control board on the fixture base is your interface to access and control all the functions on the unit. It's LCD display gives you a code view of the options and functions. The following will explain each function.



Display Settings

30° C DMX Reset 180

001

DMX
RDM

Set
Menu
Sys
Advan

Settings: Settings menu allows you to customize the fixture operational functions.

▶ Set	
1 Run Mode	DMX
2 Mode Set	
3 Channel Mode	14CH
4 No DMX Signal	Keep
5 Display	ON
6 Display Lock	ON

Run Mode: Allows you to select operational mode from DMX, Auto , Sound and Manual options.

Mode Set: Options for playback of Manual and Sound Activated Control Modes.

Channel Mode: Will give you the option of operational DMX profile use.

05 CH: Red, Green, Blue, White, Amber.

14 CH: Dimmer, R,G,B,W, A, RGB Strobe, VW Strobe, RGB Shutter Macro, Macro Speed, RGB Color Effect, Color Effect Speed, VW Shutter Macro, Macro Speed.

96 CH: R,G,B X 24, White X 12, Amber X 12.

110 CH: Dimmer, R,G,B,W, A, RGB Strobe, VW Strobe, RGB Shutter Macro, Macro Speed, RGB Color Effect, Color Effect Speed, VW Shutter Macro, Macro Speed, R,G,B X 24, White X 12, Amber X 12.

No DMX Signal: If DMX Signal is lost=Keep option will hold the last dmx command. Clear will turn all channels to off position.

Display: **On:** option will turn display off after no use for 45 seconds.
Off: will leave display on.

Display Lock: **On:** Requires Password to access Display.
Off: No password required.

Display Settings

30° C DMX Reset 180

001 DMX RDM

Set Menu Sys Advan

Manual: Gives you operational control over the fixture via display.

▶ **Menu**

1 Dimmer	255
2 Red	127
3 Green	000
4 Blue	255
5 White	127
6 Warm	000
7 Strobe	000

Manual: Select the Channel you wish to adjust. Us the up/down button to select the function setting from 0-255.

Reset 180

001 DMX RDM

Set Menu Sys Advan

System: Allows you to see the fixtures operational status.

▶ **System**

1 Vers	BT5L-H240821
2. Stard time	00000:00
3. Use time	00000:48
4. Sys info	▶

System: Fixtures bio's.

Display Settings

Reset		180	Advance: Advance Factory Settings, please reach out to customer service for more information.
001 DMX RDM			
Set	Menu	Sys	Advan

Reset		180	180: Invert Display 180 degrees.
001 DMX RDM			
Set	Menu	Sys	Advan

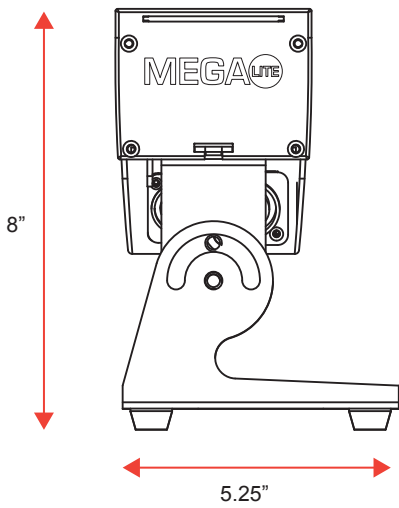
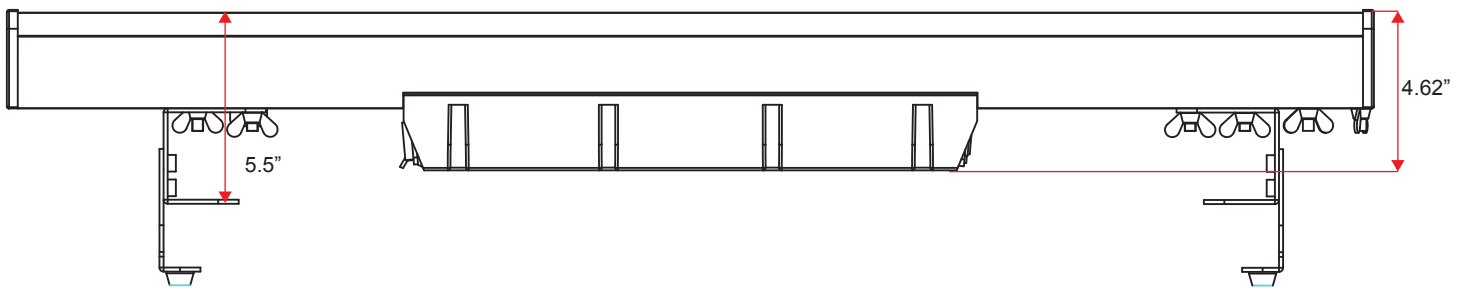
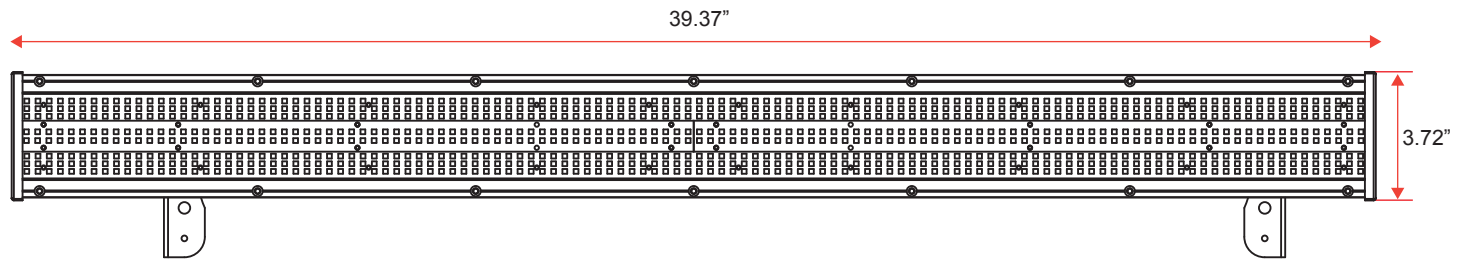
Reset		180	Reset: Reset Display Settings.
001 DMX RDM			
Set	Menu	Sys	Advan

DMX Profile

Outshine Flash Strip TW							
5 Channel Mode	14 Channel Mode	96 Channel Mode	110 Channel Mode	Function	Description	Value	Init Value
	1		1	Dimmer	Dimmer Off to Full (front leds)	0-255	255
1	2		2	LED Intensity	Red LED Intensity	0-255	255
2	3		3	LED Intensity	Green LED Intensity	0-255	255
3	4		4	LED Intensity	Blue LED Intensity	0-255	255
4	5		5	LED Intensity	Center White LED Intensity	0-255	255
5	6		6	LED Intensity	Center Amber LED Intensity	0-255	255
					No Function	0-9	
				RGB Strobe	Strobe (slow to fast)	10-99	
	7		7	(Requires LED Intensity)	Pulse Strobe (slow to fast)	100-149	0
					Random Strobe All (slow to fast)	150-199	
					Random Strobe Each (slow to fast)	200-255	
					No Function	0-9	
	8		8	VW Strobe	Strobe (slow to fast)	10-99	
				(Requires LED Intensity)	Pulse Strobe (slow to fast)	100-149	0
					Random Strobe All (slow to fast)	150-199	
					Random Strobe Each (slow to fast)	200-255	
					No Function	0-9	
					Macro 1	10-49	
					Macro 2	50-99	
					Macro 3	100-109	
					Macro 4	110-119	
					Macro 5	120-129	0
				RGB	Macro 6	130-139	
	9		9	Shutter Macro	Macro 7	140-149	
				(Requires LED Intensity)	Macro 8	150-159	
					Macro 9	160-169	
					Macro 10	170-179	
					Macro 11	180-189	
					Macro 12	190-199	
					Macro 13	200-209	
					Macro 14	210-219	
					Macro 15	220-227	
					Macro 16	228-255	
	10		10	Macro Speed	Macro Speed (slow to fast)	0-255	0

					No Function	0-9	
					Macro 1	10-49	
					Macro 2	50-99	
					Macro 3	100-109	
					Macro 4	110-119	
					Macro 5	120-129	0
				RGB	Macro 6	130-139	
11		11		Color Effect	Macro 7	140-149	
					Macro 8	150-159	
					Macro 9	160-169	
					Macro 10	170-179	
					Macro 11	180-189	
					Macro 12	190-199	
					Macro 13	200-209	
					Macro 14	210-219	
					Macro 15	220-227	
					Macro 16	228-255	
12		12		Color Effect Speed	Color Effect Speed (slow to fast)	0-255	0
					No Function	0-9	
					Macro 1	10-49	
					Macro 2	50-99	
					Macro 3	100-109	
					Macro 4	110-119	
					Macro 5	120-129	0
				VW	Macro 6	130-139	
13		13		Shutter Macro	Macro 7	140-149	
				(Requires	Macro 8	150-159	
				LED Intensity)	Macro 9	160-169	
					Macro 10	170-179	
					Macro 11	180-189	
					Macro 12	190-199	
					Macro 13	200-209	
					Macro 14	210-219	
					Macro 15	220-227	
					Macro 16	228-255	
14		14		Macro Speed	Macro Speed (slow to fast)	0-255	0
		1	15	LED 1	LED 1 Red	0-255	0
		2	16	LED 1	LED 1 Green	0-255	0
		3	17	LED 1	LED 1 Blue	0-255	0
		" "	" "	" "	" "	" "	" "
		70	84	LED 24	LED 24 Red	0-255	0
		71	85	LED 24	LED 24 Green	0-255	0
		72	86	LED 24	LED 24 Blue	0-255	0
		73	87	White LED 1	LED 1 White	0-255	0
		" "	" "	" "	" "	0-255	0
		84	98	White LED 12	LED 12 White	0-255	0
		85	99	Amber LED 1	LED 1 Amber	0-255	0
		" "	" "	" "	" "	" "	" "
		96	110	Amber LED 12	LED 12 Amber	0-255	0

Size and Weight



Fixture Size:	39.37" X 5.25" X 8"
Fixture Weight:	19.5 lb
Packaged Size:	41.25" X 6.75" X 8.5"
Packaged Weight:	21.5 lb

Installation

Caution!

1. The Installation must be carried out by an authorized dealer or trained professional.
2. Unit may cause severe injures, if you have doubts concerning the safety do not install.
3. Unit is to be 24 inches away from flammable materials.
4. Use high quality installation equipment to place the unit.

When placing the it is very important that you follow common safety procedures. Installation requires extensive experience including but not limited to calculating working weight loads, material being used and periodic safety inspections. If you lack these qualifications, do not attempt the installation yourself, instead use a professional structural rigger.

When placing the unit always be secure with a secondary safety attachment.

Cleaning and Maintenance

Installation Maintenance- The operator has to make sure that the unit is operating safely and has the installations and electronics checked by an expert every year.

The following points must be considered during the inspection:

- 1) All screws used for installing the device or part of the device have to be tightly connected and must not be corroded.
- 2) There must not be any deformations on the housing, fixation and installation spots (ceiling, suspension, trussing).
- 3) The electronic power supply cables must not show any damages, material fatigue (e.g. porous cables) or sediments. Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.
- 4) Fixture housing must only be cleaned from the outside using only soap and water.

Note: Maintenance and service operations are to be carried out by authorized dealers.

Replacing the fuse: When possible, only replace the fuse with the same type and rating.

Replacing the power cable: If the power cable of this device becomes damaged, it has to be replaced by authorized dealers or trained professionals only.

Should you have further questions, please contact your dealer.

Parts & Accessories

PARTS	
ITEM #	DESCRIPTION
7229-LED-RGB	Replacement LED RGB
7229-LED-MOD-RGB	LED Module Complete RGB
7229-LED-VW	Replacement LED VW
7229-LED-MOD-VW	LED Module Complete VW
7228-FAN	Fan DAP-701581-2-A DC5V
7228-POW	Power Supply
7229-PCB-MAI-DRI	Main PCB and Display
7228-GLA	Glass Cover

ACCESSORIES	
ITEM #	DESCRIPTION
7228-HOU-MOU	MOUNTING SYSTEM WITH KNOB
7228-DIF	DIFFUSION
7228-HOU-JOI	JOINING HARDWARE

GENERAL TERMS AND CONDITIONS

1. All resellers must have approved and signed Reseller Application on file including their respective state tax information and W-9. Applications are re-evaluated on a fiscal calendar year basis to assure business integrity and tax status.
2. Cash, check, cashiers check, ACH, wire transfer, MasterCard, Visa, Discover and American Express are accepted forms of payment.
3. Past due invoices will be charged 1.5% per month finance charge. Uncollected invoices are subject to be turned over to collection.
4. The reseller will pay all reasonable expenses incurred in the course of collections.
5. The proper venue for litigation will be Bexar County, Texas.
6. Returned checks will be charged a \$50.00 fee.
7. All prices are in U.S. Dollars.
8. All prices and specifications are subject to change without notice, sales order confirmations are emailed and will reflect correct pricing.
9. All terms are insured, monitored, analyzed and approved by Coface USA. Changes in credit line and approved terms can change without notice. Company authorization of credit is based on Coface approvals. Any conflicts or disagreements should be referred to:
650 College Rd. East Suite 2005 Princeton, NJ 08540. 1-609-469-0400. E-mail: cofaceusa@coface.com
10. Returns are subject to 25% restocking charge plus any necessary charges for repair or re-packaging.

SHIPPING TERMS AND CONDITIONS

1. All orders are EXW San Antonio, TX (EXW means that a buyer/reseller incurs the risks for bringing the goods to their final destination). Any deviation needs to be done in writing.
2. UPS ground shipping is the preferred shipping method. Requests for specific carriers may require use of the customer's account number and may incur an additional charge for handling.
3. Drop shipments are subject to all return charges at reseller's expense. Drop shipments are not allowed outside of the territorial United States.
4. No C.O.D. shipments allowed.
5. Returned and undelivered shipment charges are the buyer/reseller's responsibility and will be billed to the buyer/reseller.
6. The freight carrier and company shipping@mega.lighting should be notified upon receipt of damaged freight, discrepancies or non-conformities within 24 hours. Company can assist in making claims with carriers or agents in the event of any loss or damage.

WARRANTY AND SERVICE PROCEDURES

1. All returns require an RMA# (Return Merchandise Authorization number) before returning goods for any reason. For a service or warranty RMA, please email service@mega.lighting or call 210-684-2600. For sales or demo returns, please contact sales@mega.lighting.
2. Case will be created and an RMA return will be emailed. All units received must have the RMA # included with the unit as well as on the shipping label.
3. All shipping charges are the responsibility of the customer: MEGA Systems, Inc., Service, 18668 HWY 16 N, Helotes, TX 78023.

WARRANTY FOR PRODUCTS PURCHASED BEFORE 2021

Unless otherwise stated in writing, product is covered by a **one year parts and labor** limited warranty and is subject to same limitation listed under the limited warranty exclusions listed below.

WARRANTY FOR PRODUCTS PURCHASED AFTER JANUARY 1, 2021

MEGA SYSTEMS INC ("MSI") hereby warrants to the original purchaser/owner ("Customer"), MSI products to be free of manufacturing defects in material and workmanship, for the warranty periods as defined below from the original purchase invoice date. This warranty applies exclusively to new MSI branded and/or distributed products listed below, purchased from an MSI AUTHORIZED dealer/ reseller. This warranty is not transferable and may or may not apply to products sold and/or forwarded outside the United States. Please contact MSI for applicable regional product warranty information. The purchase of MSI product constitutes the Customer's acceptance of all warranty terms and conditions as listed in this limited warranty statement. This warranty provides the Customer with legal rights which may vary from state to state. Please contact MSI regarding warranty questions prior to purchasing.

Product / Series	Warranty Period	Coverage
BATTERY POWERED LED	Six month battery one year all other components	1, 2
MOVING LED, HAZERS	One year	2
OUTDOOR IP RATED LED	Two Year	3
HOUSE LIGHT LED, DECORATIVE LED, COMPACT LED, ICANDY LED, THEATRICAL LED, STROBE WASH LED, FOLLOW SPOT LED, PRODUCTION & HOUSE OF WORSHIP CONTROL, ARCHITECTURAL CONTROL, THEATRICAL CONTROL, DANCE VENUE & MOBILE DJ CONTROL, DIRECT VIEW LED DISPLAYS, AND MV CONTROLS	Three Year	4

1. Battery, 183 days six months 2. Parts and Labor, 365 days one year 3. Parts and Labor, 730 days two year 4. Parts and Labor, 1095 days three year

This limited warranty excludes any defects caused by, resulting from or relating to the following:

- Normal wear and tear of lamps, color media, brushes, contact rings, lamp sockets, belts and other parts prone to wear and tear.
- Misuse, abuse, improper handling, accident, alteration or attempts to repair by or on behalf of the owner or any person not authorized by MSI.
- Damage to the product resulting from acts of God, including, but not limited to, earthquakes, hurricanes, tornados, lightning and other natural disasters, fire, explosion, flood, riots, civil disorder or any other cause beyond the reasonable control of MSI.
- Exposure to harsh or excessively corrosive environmental conditions (whether indoors or outdoors), including, but not limited to, extreme temperatures, humidity, atmospheric conditions (including salinity or pressure), radiation (UV, infrared or nuclear), shock and conditions which exceed the product's Ingress Protection ("IP") rating.
- Use of the product in a manner which exceeds the applicable product specification, including, but not limited to, exposure to excessive, insufficient or other voltage conditions.
- Installation or use of the product not in accordance with the technical documentation, MSI guidelines (as may be posted on its website at www.megasystemsinc.com from time to time or otherwise designated by MSI or its brands) or applicable building and electrical codes, regulations and standards.
- Failure to maintain the product in accordance with the technical documentation.
- Natural degradation and color shift of the LED source over the course of normal product use.
- Slight deviations in the specified values of intensity and color that do not affect the functionality of the product.
- Use of the product not for its intended purpose.

All warranty claims are evaluated under the terms of this limited warranty. If a product falls within the warranty period and if, upon examination by MSI it is found to have failed for a covered cause, MSI will, at its sole discretion, repair or replace the defective part or product or reimburse the purchaser a pro-rated portion of the purchase price based on the percentage of the warranty period still remaining as of the date that the returned product was received by MSI. Should a replacement part or product be discontinued or unavailable, MSI reserves the right, in its sole and absolute discretion, to substitute a comparable replacement part or product for the defective part or product. MSI warranty obligation hereunder is limited solely to the repair or replacement of or reimbursement for the particular parts or products determined by MSI to have failed for a covered cause within the warranty period. In no event shall MSI be responsible to replace or reimburse purchaser for any products or portions of a system that MSI determines has not failed for a covered cause within the warranty period, even if such other products or portions of a system are used together with products being repaired or replaced by MSI under this warranty and the repaired product differs in brightness, colors or any other attribute after the repair.

Costs of removal, shipping to MSI or its authorized representative and reinstallation are solely the responsibility of the purchaser. If MSI determines that the product is covered by this limited warranty, it will only pay for parts and labor as indicated by product type. If MSI determines that the product is not covered by this limited warranty, the purchaser will have the option of paying for the repair (if the product can be repaired) and the purchaser shall be responsible for the cost of shipping the repaired product back to the purchaser. MSI reserves the right, in its sole and absolute discretion, to decline any repair.

IN NO EVENT SHALL MEGA SYSTEMS, INC. BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, INDIRECT OR PUNITIVE LOSS OR DAMAGE OF ANY KIND, INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS OR REVENUES, LOSS OF USE OF THE PRODUCT OR ANY OTHER GOODS OR ASSOCIATED EQUIPMENT, DAMAGE TO ANY ASSOCIATED EQUIPMENT, COST OF CAPITAL, COST OF SUBSTITUTE PRODUCTS, FACILITIES OR SERVICES, DOWNTIME COST, INSTALLATION OR LABOR COSTS, OR CLAIMS OF THE PURCHASER'S CUSTOMERS, WHETHER BASED ON WARRANTY, CONTRACT OR NEGLIGENCE, ARISING IN CONNECTION WITH THE SALE, USE OR REPAIR OF THE PRODUCT. MEGA SYSTEMS INC'S MAXIMUM LIABILITY SHALL NOT, IN ANY CASE, EXCEED THE PURCHASE PRICE OF THE PRODUCT THAT GIVES RISE TO THE CLAIM.

EXCEPT FOR THE LIMITED WARRANTY SET FORTH HEREIN, ALL PRODUCTS SOLD BY MEGA SYSTEMS, INC. ARE SOLD "AS IS" WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ALL OF WHICH ARE EXPRESSLY AND SPECIFICALLY DISCLAIMED BY MEGA SYSTEMS, INC.

Customer Support

MEGA Lite has a customer support line to provide set-up help and to answer any questions should you encounter a problem. Please visit our website for any other related technical documents. For service related issues, please contact our service dept.

Monday - Friday 9am to 6pm CST
(210) 684-2600
service@mega.lighting

Manual Version

Please visit www.mega.lighting for the most up-to-date manual version.

Manual Version	Date	Fixture Software	Notes
1.0	11/12/2024	V1.0	



MEGA LITE
18662 Bandera Rd
Helotes, TX 78023
Phone (210)684-2600 / Fax (210)855-6279
www.mega.lighting / info@mega.lighting