FEATURES AND SPECIFICATIONS

LEDs: 120 Watt Array.
Color Temp.: 3200 deg. K
Beam Angle: 19º or 26º or 36º (50º Optional)
Control System: DMX512 + Stand Alone
DMX Channels: 2
DMX Connectors: 3 pin XLR
Power Input: 120VAC, 60Hz
Max. Power Consumption: 150 Watts
Body Material: High Impact Plastic
Body Color: Black or White
Reflector: Glass
Gel Frame and Size "B" Gobo Holder Included
Size: 23.9"L x 10.7"W x 11.1"H
Weight: 12 lbs

DESCRIPTION

The FXLE1232W is a LED ellipsoidal fixture suitable for stage, disco, night club, and other artistic applications. It has automatic stand alone control modes and can operate via a DMX-512 external signal.

A mounting yoke enables the fixture to be operated in various positions and orientation.

INSTALLATION

LOCATION

The FXLE1232W is rated IP20 and is intended for INDOOR USE ONLY.

Locate the unit in a well ventilated area away from moisture and heat. Maintain a minimum spacing of 20" between the unit and other objects. The maximum ambient operating temperature is 45ºC (113ºF). Keep the vent holes clear. Holes are provided on the yokes to install a lighting bar pipe clamp. Use a safety cable when hanging the fixture.

POWER CONNECTIONS

The FXLE1232W has a line cord for connection to a 120 VAC, 15 Amp, 60Hz, grounded service. Do not try to power the unit from a dimmer pack.

DANGER
RISK OF ELECTRIC SHOCK

The safety ground pin on the power cord must be used.

DMX CONNECTIONS

A system using DMX control should be connected as a chain of devices. In other words the control signal cable should proceed from the controller to the first receiving device and then to others in a continuous "daisy chain" fashion.

The FXLE1232W has a DMX IN and a DMX OUT connector to be used to connect the chain. The control cable should NOT be split into a multiple run star arrangement with a cable running from the controller directly to each receiving device.

DMX CONNECTOR PIN ASSIGNMENTS

There are two different connectors which can be used for DMX control. They are both XLR type connectors. Some units use 3 pin connectors. Others use 5 pin connectors. The FXLE1232W receives a DMX signal on the 3 pin MALE connector on the rear of the unit. The 3 pin FEMALE connector is used to connect to the next DMX device on the control chain.

If your console uses a 5 pin XLR connector you can make up an adapter cable to accommodate this. The table below shows the pin assignments for both 3 pin and 5 pin XLR connectors.

PIN #	SIGNAL NAME
1	DMX COMMON
2	DMX DATA -
3	DMX DATA +
4	NOT USED
5	NOT USED

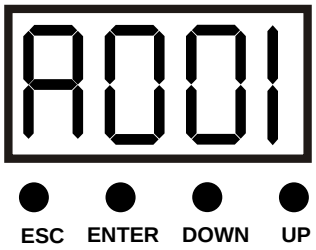
DMX TERMINATION

A DMX chain should be terminated at the last receiving device on the chain. This is done by installing a commonly available 1/4 Watt, 120 Ohm resistor across the DATA - and DATA + wires at the last device. If you have only a few fixtures very close together and a very short run to the controller then you may be able to operate without the terminator.

OPERATION

A power ON/OFF switch is located at the rear of the unit. A control panel on the back of the unit is used to set the operating options. It consists of an LED display and four buttons (ESC, ENTER, DOWN, and UP).

CONTROL PANEL



Use UP and DOWN to scroll the available choices. Push ENTER when you reach the option you want to check or set. The current setting for the option will be shown. Use UP and DOWN to change the setting. Push ENTER to invoke the new setting. Use ESC to exit from the sub menus.

DMX OPERATION

Use the A - - - menu to set the unit DMX starting address. The range is r001 - r511.

NOTE
The current version of the FXLE1232W will not respond to DMX addresses above 255 even though the addressing menu allows selections up to 511.

The fixture uses two DMX channels allocated as follows:

CHANNEL 1: Fixture Intensity (000 - 255)
CHANNEL 2: Strobe Control (000 - 255)
000 is Strobe OFF

DEMO MODE (dEnO)

The DEMO mode has 4 choices as follows:

SC00 External DMX control
SC01 Slow fade ON/OFF (stand alone operation)
SC02 Strobe effects (stand alone operation)
SC03 ON/OFF sequence (stand alone operation)

SC00 must be used when operating with an external DMX controller.

If the unit was switched to another DEMO mode then it must be returned to SC00 and then a RESET **(**rESt**)** must be done.

NAST MODE

This function is not currently supported.

RESET (rESt)

The reset function enables DMX operation after stand alone operation.

Push ENTER when rESt is shown. The display will show OFF. Push UP to execute the reset. The display will revert to show the DMX starting address.

MAINTENANCE AND REPAIR

TROUBLESHOOTING

Check that you have power applied to the unit.
Check the DMX control cable.
Check the address settings of the unit and controller.

CLEANING

DISCONNECT THE POWER CORD BEFORE HANDLING THE UNIT.

Do not use chemicals or solvents when cleaning the fixture. A mild detergent can be used sparingly if needed. Ensure that the unit is dry before re-use.

REPAIR

The only FXLE1232W user serviceable part is a 5 mm x 20 mm externally accessible fuse on the rear panel.

DISCONNECT THE POWER CORD BEFORE CHECKING OR REPLACING THE FUSE.

Replace fuse ONLY with 3.15 Amp, 250VAC, fast acting fuse.

Internal service on the unit by other than Lightronics authorized agents will void the warranty.

If service is required, contact the dealer from whom you purchased the item, or contact the Lightronics, Service Department, 509 Central Drive, Virginia Beach, VA 23454. Tel: 757 486 3588.

PHOTOMETRIC CHARACTERISTICS

ILLUMINATION (LUX)

Beam Angle	Distance From Fixture		
	10 feet	20 feet	30 feet
19 deg	--	2500	1214
26 deg	--	1723	628
36 deg	--	1200	516
50 deg	2160	635	--

BEAM DIAMETER (METERS)

Beam Angle	Distance From Fixture		
	10 feet	20 feet	30 feet
19 deg	--	7 ft	11 ft
26 deg	--	10 ft	16 ft
36 deg	--	14 ft	20 ft
50 deg	10 ft	16 ft	--

WARRANTY

This product is warranted for a period of TWO YEARS from the date of purchase against defects in materials and workmanship.

This warranty is subject to the following restrictions and conditions:

A) If service is required, you may be asked to provide proof of purchase from an authorized Lightronics dealer.

B) This warranty is valid only for the original purchaser of the unit.

C) This warranty does not apply to damage resulting from abuse, misuse, accidents, shipping, and repairs or modifications by anyone other than an authorized Lightronics service representative.

D) This warranty is void if the serial number is removed, altered or defaced.

E) This warranty does not cover loss or damage, direct or indirect arising from the use or inability to use this product.

F) Lightronics reserves the right to make any changes, modifications, or updates as deemed appropriate by Lightronics to products returned for service. Such changes may be made without prior notification to the user and without incurring any responsibility or liability for modifications or changes to equipment previously supplied. Lightronics is not responsible for supplying new equipment in accordance with any earlier specifications.

G) This warranty is the only warranty either expressed, implied, or statutory, upon which the equipment is purchased. No representatives, dealers or any of their agents are authorized to make any warranties, guarantees, or representations other than expressly stated herein.

H) This warranty does not cover the cost of shipping products to or from Lightronics for service.

I) Lightronics Inc. reserves the right to make changes as deemed necessary to this warranty without prior notification.