FEATURES AND SPECIFICATIONS

LEDs: 150 Watt Array. (Warm White)
Color Temp.: 3000 K
Beam Angle: 19º, 26º, 36º or 50º
Control System: DMX-512 + Stand Alone
DMX Channels: 1 or 2
DMX Connectors: 3 pin XLR I/O
Power Input: 100-230VAC, 50/60Hz
Max. Power Consumption: 180 Watts @ 120VAC
Standby Power Consumption: 5 Watts @ 120VAC
Ingress Protection: IP20 - Indoor Use Only
Body Material: All Metal Construction
Body Color: Black
Reflector: Glass
Gel Frame and Size "M" Gobo Holder Included
FX Accessory Slot
Sliding Yoke Assembly on 12.75" Track
Size: 24.5" L x 13.75" W x 18.5"H (with yoke)
Weight: 19 lbs.

DESCRIPTION

The FXLE1530W is an LED ellipsoidal fixture that is suitable for stage, houses of worship, entertainment venues and other artistic applications. It has automatic stand-alone control modes and can operate via an external DMX-512 signal.

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

INSTALLATION

LOCATION

Locate the unit indoors in a well-ventilated area away from moisture or heat. Maintain a minimum spacing of 20" between the unit and other objects. The maximum ambient operating temperature is 40ºC (104ºF). Keep the vent holes clear. Holes are provided on the yoke to install a traditional lighting C-clamp for mounting on batten pipe. Use a safety cable attached to the safety eye when hanging the fixture.

YOKE ADJUSTMENT

To slide yoke along track, loosen 4 screws on both side brackets with #2 Phillips screwdriver, adjust yoke and retighten screws once in desired location.

LENS TUBE ADJUSTMENT

To focus beam, loosen the knobs on the top and bottom of barrel, extend/retract lens tube as needed and tighten knobs. Support lens tube in process.
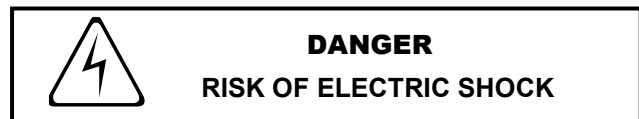

GOBO/FX SLOT ALIGNMENT

To rotate barrel, loosen the two 3mm hex socket head cap screws on both sides of body behind shutter handles. Loosen both adjustment knobs at top and bottom of fixture behind the shutter handles. Once the GOBO or FX slot is aligned, tighten screws and knobs.

POWER CONNECTIONS

The FXLE1530W has a blue turn and lock connector for power input. A compatible power cable is provided for connection to a 120 VAC, 15 Amp, 60Hz, grounded service.

> ⚠ **DANGER**
> **RISK OF ELECTRIC SHOCK**

Push the blue connector on the cable straight into the blue connector on the unit and twist approx. 1/8 turn clockwise to latch it. Do not power the unit from a dimmer pack. The white turn and lock connector on the unit is used to pass power on to another FXLE1530W unit. A mating white connector is also provided.

Power is applied once the power cord is connected to a live power source. There is no on/off switch. Connect power cord to fixture first, then outlet.

THE SAFETY GROUND PIN ON THE POWER CORD MUST BE USED.

Connect a maximum of six FXLE1530W fixtures together with power connectors using 120VAC.

DMX CONNECTIONS

A system using DMX control should be connected as a chain of devices. In other words, the control signal cable should originate at the controller to the first receiving device and then to others in one continuous chain. An optically isolated DMX splitter is recommend when installing the FXLE1530W in a system with various other DMX devices.

The FXLE1530W has a DMX IN and a DMX OUT connector which are used to connect the DMX data chain. The control cable can NOT be split into a Y or multiple run/star arrangement with a cable running directly from the controller to each receiving device.

DMX CONNECTOR PIN ASSIGNMENTS

Predominantly, two types of connectors are used for connecting fixtures and other DMX devices to a DMX control chain. They are both "XLR type" connectors. Some units use 3 pin connectors, others use 5 pin connectors. The FXLE1530W 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, an adapter cable can be purchased or fabricated to accommodate this conversion. The following table 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

It is recommended that a DMX data chain 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 installed very close together and with a short run of DMX cable to the controller, then you may be able to operate without the terminator.
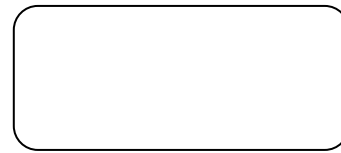
OPERATION

A display and user interface is located on the back of the unit. This interface is used to set the operating options and settings. It consists of a backlit LCD display and four buttons (MODE, DOWN, UP, and ENTER).

CONTROL PANEL

MODE   DOWN   UP   ENTER
● ● ● ●

Push MODE to scroll through 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. Push UP and DOWN until you reach the desired setting or menu then push ENTER to invoke the new setting. Push ENTER to exit from the sub menus.

DMX OPERATION

Use the DMX-Addr menu to set the unit DMX starting address. The range is 001 - 512. A 'V' will be displayed if a valid DMX signal is present, an 'x' represents that no valid DMX signal is present.

For this fixture to operate in DMX mode, the mode needs to be set for "DMX-Addr" on LCD display by pressing the MODE button.

The fixture has 2 DMX modes. 1 channel and 2 channel: Channel 2 is not active in 1 channel mode.

CHANNEL 1:   Fixture Intensity (000 - 255).
CHANNEL 2:   Strobe Control (000 - 127, 128-255) 000 is Strobe OFF, starts slow and increases to fastest at 127. From 128-255 pattern transitions to short light pulses with longer duration between pulses as value rises from 128 to 255.

STAND ALONE MODE

You can operate the unit manually using the R-DIMMER & P-STROBE menu. Push the UP and DOWN buttons to change the level, then push ENTER when done. The range is 000 - 255 (See above for values).

If connecting multiple FXLE1530W fixtures together in stand-alone mode, set the DMX address on additional units to d001 to follow the main fixture.

DMX-KEEP: ON/OFF

The DMX-KEEP mode determines the characteristic of

the fixture upon the loss of the DMX input signal. The LED array will either turn on or off based on the DMX-KEEP setting when DMX signal is lost.

BK-LIGHT: ON/OFF

The backlight for the LCD display remains on at all times if this function is set to ON. When BK-LIGHT is set to OFF, then the backlit display will turn off 30 seconds after the last button push on the control panel.

NOW TEMP

Provides operating temperature in ºC.

MAINTENANCE AND REPAIR

TROUBLESHOOTING

Fixture will not power up.

- Check that you have power applied to the unit.
- Check the fuse located on the back panel of the fixture.

Unable to control fixture.

- Check that the LCD display currently indicates "DMX-addr".
- Check the LCD display on the fixture, if there is a 'V' after the DMX value, a valid DMX signal is present. If an 'x' is showing, then a valid DMX signal is not present.
- Verify the fixture is properly addressed.
- Check the DMX control cable for continuity and polarity.
- Remove the fixture from the DMX chain and all other DMX devices.
- Check the address settings or patch at the controller.

CLEANING

DISCONNECT THE POWER CORD BEFORE HANDLING THE UNIT.

A mild detergent can be used sparingly if needed. Apply to cloth first; do not apply detergents directly to fixture. Do not use chemicals or solvents when cleaning the fixture. Ensure the unit is dry before use.

REPAIR

The only 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 a 5.0 Amp, 250VAC, fast acting fuse. Use # 2 Phillips screwdriver, use caution to not overtighten.

> **DANGER DO NOT OPEN UNIT**
> **RISK OF ELECTRIC SHOCK**
> **RISK OF FIRE**

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.

WARRANTY INFORMATION AND REGISTRATION – CLICK LINK BELOW

www.lightronics.com/warranty.html

PHOTOMETRIC MEASUREMENTS

FXLE1530W	10 Foot			20 Foot			30 Foot		
	Beam (feet)	FC	Lux	Beam (feet)	FC	Lux	Beam (feet)	FC	Lux
19°	3	748	7940	6	186	1970	9	83	900
26°	3.75	510	5570	7.5	125	1342	11.5	57	623
36°	6	210	2320	12	56	605	19	26	282
50°	7.25	165	1775	14	43	462	23	19	207