

# LYRA DMX

## QUICKSTART GUIDE

Lyra Bi-Color Studio Light with DMX Control



LBX20



LBX30



LBX40

### ☐ **LBX20**

Lyra 1 x 2 Bi-Color Studio Light with DMX Control

### ☐ **LBX30**

Lyra 1 x 3 Bi-Color Studio Light with DMX Control

### ☐ **LBX40**

Lyra 1 x 4 Bi-Color Studio Light with DMX Control

What's Included

- ☐ 1 x Lyra Bi-Color Studio Light Fixture
- ☐ 1 x Power supply
- ☐ 1 x Yoke Mount
- ☐ 1 x Power Cord

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# General Information

Thank you for buying the Ikan Lyra Bi-Color DMX LED Lights. This fixture has been designed to perform reliably for years when the guidelines in this booklet are followed. Please read and understand the instructions in this manual carefully and thoroughly before attempting to operate this unit. These instructions contain important information regarding safety during use and maintenance.

Every fixture has been thoroughly tested. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your unit for damage and be sure all accessories necessary to operate the unit have arrived intact. In the event damage has been found or parts are missing, please contact our customer support team for further instructions. Please do not discard the shipping carton in the trash. Please recycle whenever possible.

## Safety Instructions

This fixture is an extremely sophisticated piece of electronic equipment. To guarantee a smooth operation, it is important to follow the guidelines in this manual. The manufacturer of this device will not accept responsibility for damages resulting from the misuse of this fixture due to the disregard of the information printed in this manual.

This device falls under PROTECTION CLASS 1. It's essential this device be grounded properly. Only qualified personnel should perform all electrical connections.

## **INDOOR USE ONLY!** **DO NOT EXPOSE TO RAIN AND/OR MOISTURE!** **DO NOT PLUG FIXTURE INTO A DIMMER PACK!**

For proper operation, follow the Installation guidelines described in this manual. Only qualified and certified personnel should perform installation of this fixture and only the original rigging parts (yoke) included with this fixture should be used for installation. Any modifications will void the original manufacturer's warranty and increase the risk of damage and/or personal injury. Never look directly into the light source of this fixture to prevent risk of injury to your retina, which may induce blindness.

Always disconnect from main power source before performing any type of service and/or cleaning procedure. Only handle the power supply by the plug end, never pull out the plug by tugging the wire portion of the cord.

Do not operate this fixture if the power cord has become frayed, crimped and/or damaged. If the power cord is damaged, replace it immediately with a new one of similar power rating.

## General Guidelines

### **NEVER OPEN THIS FIXTURE WHEN IN USE!**

Please make sure there are NO FLAMMABLE MATERIALS close to the fixture while operating, to prevent any fire hazard.

The fixture must be installed in a location with adequate ventilation, at least 1.5 feet (.5m) from adjacent surfaces. Be sure no air ventilation slots are blocked.

**DO NOT** attempt installation and/or operation without knowledge of how to do so.

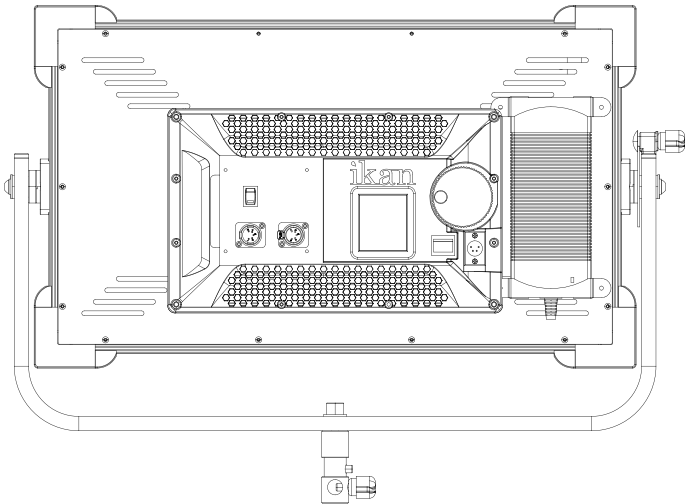
**DO NOT** permit operation by persons who are not qualified to operate this type of fixture. Most damages are the result of operations by nonprofessionals. Consistent operational breaks may ensure the fixture will function properly for many years to come.

**DO NOT** shake fixture and avoid using brute force when installing and/or operating the fixture.

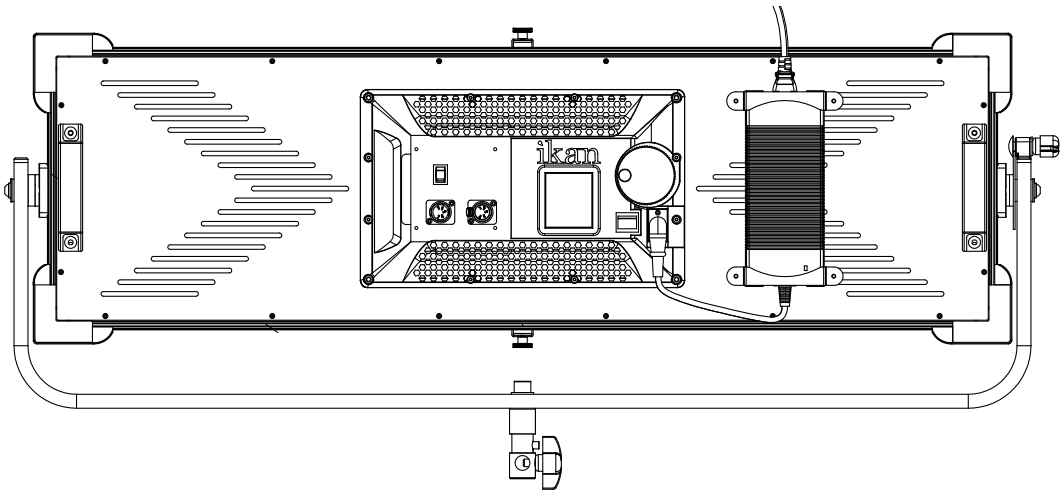
Always install the fixture with an appropriate safety cable. When installing the fixture in a suspended environment, always use correct mounting hardware that can be inserted into the Baby 1/8 in. or Junior 1-1/8 combo pin adapter.

Use the original packaging and materials to transport the fixture in for service.

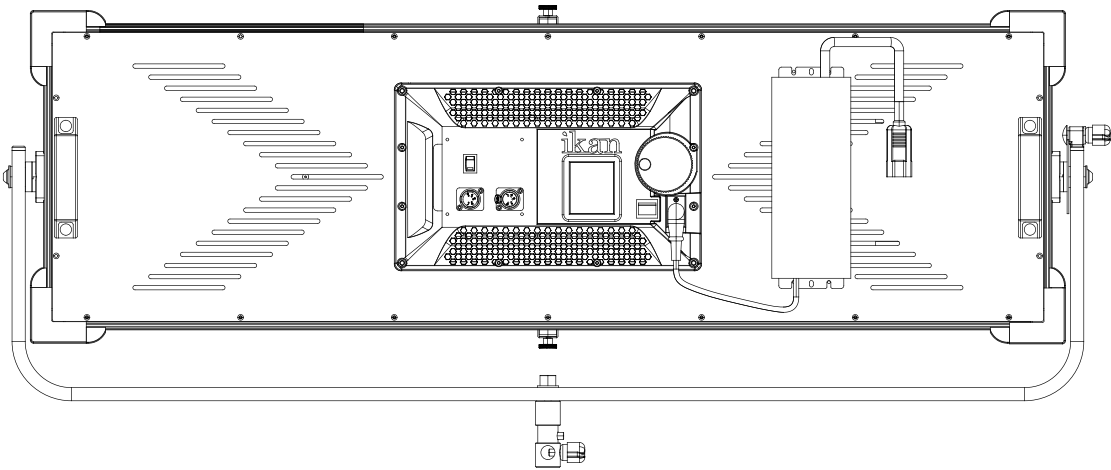
# Fixture Overview



LBX20



LBX30



LBX40

# Fixture Menu

## ON-BOARD SYSTEM MENU

The fixture comes with an easy to navigate system menu. The next section will detail the functions of each command in the system menu.

## LCD MENU CONTROL KNOB

The control knob allows for local control as well as control from DMX board. The local control gives the user adjustment from 10%-100% in brightness. All Lyra Studio lights are bi-color fixtures, this allows the user local knob control. It gives the user the ability to switch from 3200K -5600K just by pressing down on the large yellow dial. The user can also adjust the DMX channels 1 thru 512 by pressing down again on the large yellow dial.

# DMX Channel

The DMX512 channel selection can be made from the back of the fixture using the large yellow knob to dial in the correct DMX number. When a DMX signal is detected on the fixture, all other controls are closed down and only DMX channel control can be selected on the rear of the fixture.

Depending on DMX channel selected a bi-color light will require two channels for use on the DMX board. 100% will be the 5600K color output. 0% will be the 3200K color output. The middle position will be 4600K color output.

Channel	Brightness	Color
5&6	Ch 5	Ch 6

# Cleaning & Maintenance

**CAUTION! Disconnect power before cleaning or maintenance.**

## CLEANING

Frequent cleaning is recommended to insure proper function, optimized light output, and an extended life. The frequency of cleaning depends on the environment in which the fixture operates: damp, smoky, or particularly dirty environments can cause greater accumulation of dirt on the fixture.

*Never use alcohol, solvents, or ammonia- based cleaners*

## MAINTENANCE

Regular inspections are recommended to insure proper function and extended life. There are no user serviceable parts inside this fixture. Please refer all other service issues to an authorized ikan service technician. Should you need any spare parts, please order genuine parts from your local ikan dealer.

### Please refer to the following points during routine inspections:

Be sure all screws and fasteners are securely tightened at all times. Lose screws may fall out during normal operation resulting in damage or injury as larger parts could fall.

Check for any deformations on the housing, rigging hardware and rigging points (ceiling, suspension, trussing). Deformations in the housing could allow for dust to enter into the fixture. Damaged rigging points or unsecured rigging could cause the fixture to fall and seriously injure a person(s). Electric power supplies and cables must not show any damage or fraying. Never remove the ground prong from the power cable.

# Cooling System

When the fan switch on the back of the light is switched to OFF the light will be in passive cooling mode. In this mode the light will only go to a max of 80% brightness. When the fan switch is to ON the light will be in active cooling mode, which enables the light to be used at 100% brightness.

# Specifications

LBX20 Fixture Specifications	
Head Type	Bi-Color 3200K-5600K
Lens	½ Stop Soft Diffusion
Beam Angle	110°
Control/Dimming	DMX & Local Knob Control
Build Material	Metal & Plastic Shell
Cooling System	Fan Off: Passive Fan On: Active
Yoke	Baby 5/8" - Junior 1 1/8" Combo Pin
Fixture Size	20 x 5 x 29 In.
Fixture Weight	18 lbs

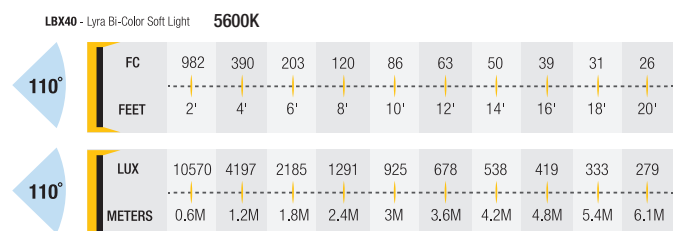
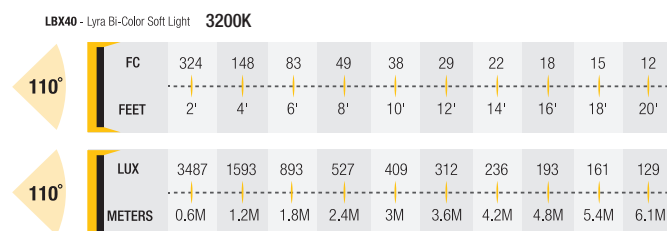
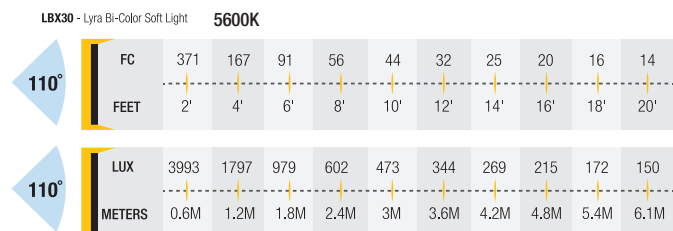
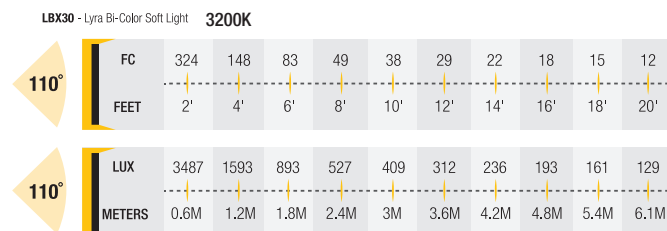
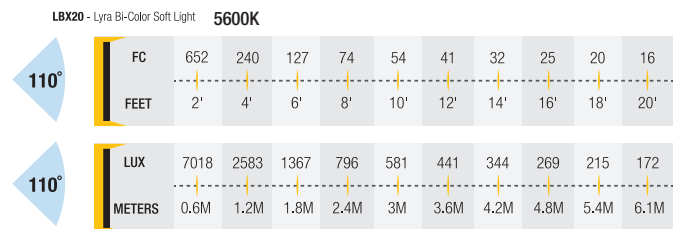
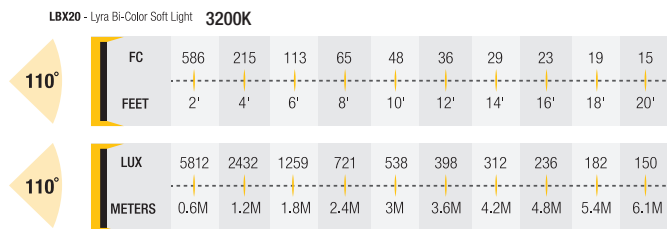
LBX30 Fixture Specifications	
Head Type	Bi-Color 3200K-5600K
Lens	½ Stop Soft Diffusion
Beam Angle	110°
Control/Dimming	DMX & Local Knob Control
Build Material	Metal & Plastic Shell
Cooling System	Fan Off: Passive Fan On: Active
Yoke	Baby 5/8" - Junior 1 1/8" Combo Pin
Fixture Size	18 x 5 x 45 In.
Fixture Weight	20 lbs

LBX40 Fixture Specifications	
Head Type	Bi-Color 3200K-5600K
Lens	½ Stop Soft Diffusion
Beam Angle	110°
Control/Dimming	DMX & Local Knob Control
Build Material	Metal & Plastic Shell
Cooling System	Fan Off: Passive Fan On: Active
Yoke	Baby 5/8" - Junior 1 1/8" Combo Pin
Fixture Size	20 x 5 x 49 In.
Fixture Weight	30 lbs

LBX20 Electrical Specifications	
Power Supply	Input: 100-220VAC Output: 27.2VDC
Fixture Power Consumption	205 Watts

LBX30 Electrical Specifications	
Power Supply	Input: 100-220VAC Output: 27.2VDC
Fixture Power Consumption	146 Watts

LBX40 Electrical Specifications	
Power Supply	Input: 100-220VAC Output: 30VDC
Fixture Power Consumption	297 Watts



## Optional Accessories

Some other products that work well with the Lyra Lights available from Ikan include:

KCP-703	Stage Clamp with 16mm Stud
ROLLR-STND10	2-Stage Roller Stand 10 ft 6 in
SW-04	Safety Wire
IDX-096	96 Channel DMX Console

## Learn More

More dynamic information at official website: [www.ikancorp.com](http://www.ikancorp.com)

## Support

Contact email: [support@ikancorp.com](mailto:support@ikancorp.com)

### CONDITIONS OF WARRANTY SERVICE

- Free service for one year from the day of purchase if the problem is caused by manufacturing errors.
- The components and maintenance service fee will be charged if the warranty period is expired.

Free Service will not be Provided in the Following Situations: (\*Even if the product is still within the warranty period.)

- Damage caused by abuse or misuse, dismantling, or changes to the product not made by the company.
- Damage caused by natural disaster, abnormal voltage, and environmental factors, etc.