GAMMA Bianco 200 Variable White Black Housing User Manual

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GAMMA Bianco 200 Variable White Black Housing

Product Information: Cool White and Warm White 200w LED Spot

The Cool White and Warm White 200w LED Spot is a lighting fixture that provides both cool white and warm white light options. It is designed for various applications such as stage lighting, event lighting, and architectural lighting. The fixture comes with safety features such as a safety clamp and safety cable to ensure secure installation and prevent accidents. It also has an LCD system with menu options for easy setup and operation.

Technical Specifications

- **Power**: 200W
- **Lighting Options**: Cool White and Warm White
- **Mounting:** Can be mounted on a ceiling or set on a flat level surface
- **Safety Features**: Safety clamp, Safety cable
- **Control**: DMX-ADDR

Maintenance
Routine Maintenance

- Follow the manufacturer's instructions for routine maintenance procedures.

Troubleshooting Problems

- If you encounter any issues with the fixture, refer to the troubleshooting section in the user manual for possible solutions.

Customer Support
If you need further assistance or have any questions, please contact our customer support team.

Product Usage Instructions

Setup

Unpacking and In the Box

- 1 Cool White and Warm White 200w LED Spot fixture
- 1 Safety clamp
- 1 Safety cable

Mounting and Operation

1. Attach at least one properly rated safety cable to the fixture using one of the safety cable rigging points integrated in the base assembly or on the yoke.
2. Ensure the fixture is mounted in areas outside walking paths, seating areas, or areas where unauthorized personnel can reach it.
3. Before mounting the fixture, make sure the installation area can hold a minimum point load of 10 times the device's weight.
4. Secure the fixture installation with a secondary safety attachment, such as the supplied safety cable. Do not attach the safety cable to the same place as the U bracket or clamp.
5. Never stand directly below the device when mounting, removing, or servicing the fixture.
6. Keep the fixture at least 0.5m (1.5ft) away from any flammable materials.
7. Always use and install the supplied safety cable as a safety measure to prevent accidental damage and/or injury in case the clamp fails.
8. Do not modify the fixture without following instructions from the manufacturer or appointed repairing agencies. Warranty will be voided if there are any malfunctions resulting from not following the user manual or engaging in hazardous operations.

Operation

Using the LCD Menu and Buttons

- Press the Menu button to enter the menu or go back from a sub-menu.
- Use the Up/Down buttons to navigate through the menu choices.
- Press the Enter button to save your choices.

Menu Options

- **DMX-ADDR:** Displays or sets the DMX address of the fixture.

Introduction and Setup

Unpacking and In the Box
Thank you for choosing our Luxé Bianco 200 VW. For your own safety, please read this manual before installing or using the device. This manual covers the important information on installation and applications. Please install and operate the fixture with following instructions. Meanwhile, please keep this manual for future needs.

In the box you will receive

- **Luxé Bianco 200 VW:** 1
- **DMX Cable 3 Pin:** 1

- Power Cable 1
- User Manual 1

Mounting and Operation
Use a clamp rated for the full weight of the Luxé Bianco 200 VW to hang the fixture from the mount(s) on the fixture's yoke.
As an added safety measure be sure to attached at least one properly rated safety cable to the fixture using on of the safety cable rigging point integrated in the base assembly or on the yoke.

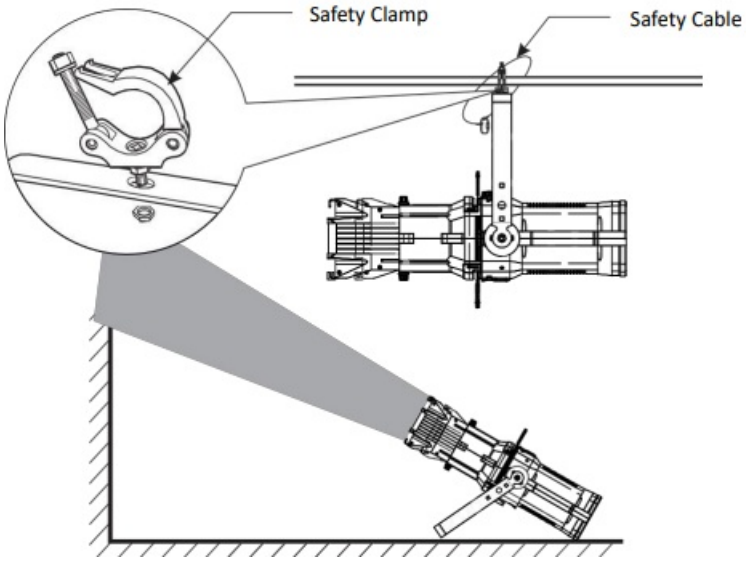
Features

- 200w Cool White and Warm White Leko
- Multiple Lens Options Available – 19°/26°/36°/50°

Safety Precautions

- **Caution**: For added protection mount the fixtures in areas outside walking paths, seating areas, or in areas were the fixture might be reached by unauthorized personnel.
- Before mounting the fixture to any surface, make sure that the installation area can hold a minimum point load of 10 items the device's weight.
- Fixture installation must always be secured with a secondary safety attachment, such as an appropriate safety cable.
- Do not clamp the safety cable to the U bracket or clamp. That is not a secondary safety point.

A secondary safety point is any point that will adequately hold the led profile spotlight if the clamp fails.
Then the safety cable would be the backup and stop the fixture from falling to the ground. So do NOT fix the safety cable to the same place that the "C"clamp is attached



Never stand directly below the device when mounting, removing, or servicing the fixture.
From a ceiling, or set on a flat level surface (see illustration below). Be sure this fixture is kept at least 0.5m (1.5ft) away from any flammable materials (decoration etc.).
Always use and install the supplied safety cable as a safety measure to prevent accidental damage and/or injury in the event the clamp fails.

- Don’t try to modify the fixture without any instruction by the manufacturer or the appointed repairing agencies.
- Warranty is voided if there are any malfunctions from not following the user manual while operating or any hazardous operation, like shock short circuit, electronic shock, lamp broken, etc.

Customer Support

WARRANTY POLICY
GAMMA LED Vision warrants its products for the periods set below from the date of purchase to be free of manufacturer and workmanship defects. Warranty does not cover normal wear and tear caused by force, negligence or misuse of products. GAMMA LED Vision is not responsible for any damages or injury caused by misuse or improper handling of the products and in accordance with instructions and specifications of manual.

Warranty terms are as follows

LED Fixtures

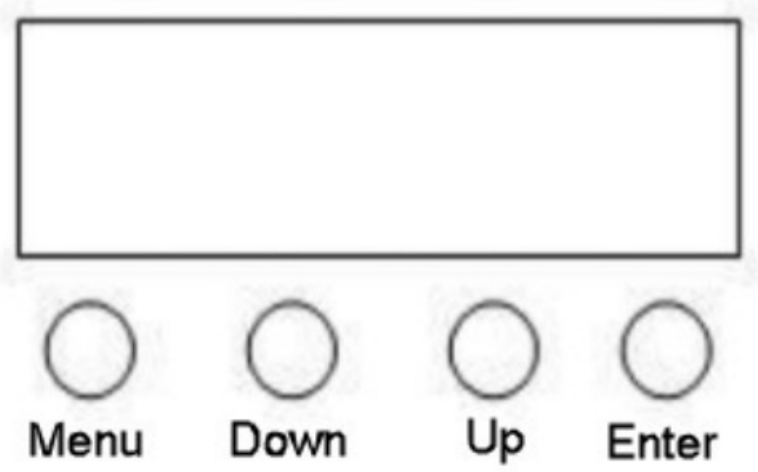
- **Indoor**: 2 Years
- **Outdoor (IP 54 or higher):** 1 Year
- **Lamp Fixtures:** 1 year / excludes the lamp

LED Video Products

- **Indoor:** 2 Years
- **Outdoor (IP 54 or higher):** 1 Year
- **Controllers**: 2 years
- **Batteries**: 6 months
- **All Trussing Related Products and Accessories**: 1 Year

Please visit **WWW.GAMMALEDVISON.COM** for complete Limited Warranty terms and contact information.

Setup and Operation



The LCD system includes Menu, Down, Up, and Enter buttons. Press “Menu” to enter the menu or to go back from a sub-menu. Use “Up”/”Down” to navigate through the choices, and use “Enter” to save your choices.

The menu options are as follows

Using the LCD Menu and Buttons

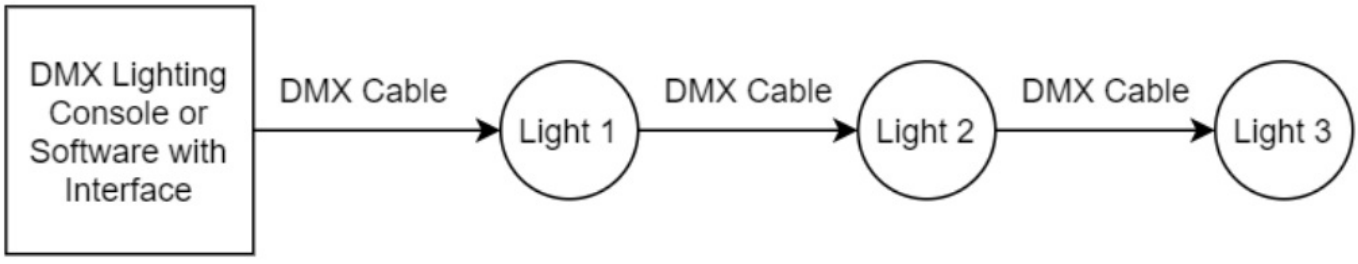
Menu	Display	Key Operation
DMX-ADDR	DMX-ADDR 001	Set the DMX Address, 1-512
R-DIMMER	R-DIMMER-001	Manually set the Warm White level, 0-255
G-DIMMER	G-DIMMER-001	Manually set the Cool White level, 0-255
P-STROBE	P-DIMMER-001	Manually set the Strobe Level, 0-255
DMX-KEEP ON/OFF	DMX-KEEP ON/OFF	Set the preference for when DMX is lost – to eit her keep (hold) the value or go to zero.

DMX Setup DMX Basics

- DMX512 stands for digital multiplex 512. This means that 512 channels are controlled digitally through 1 data cable.
- A channel is a set of 255 steps that are assigned to control attributes in each light. This may be a color like red, green or blue, and intensity, strobe, pan/tilt or other attributes.
- Multiple sets of 512 “universes” may be used. Only 1 universe will travel on a DMX cable, but through networked DMX (Art-Net or sACN E1.31), many universes can travel over a network.

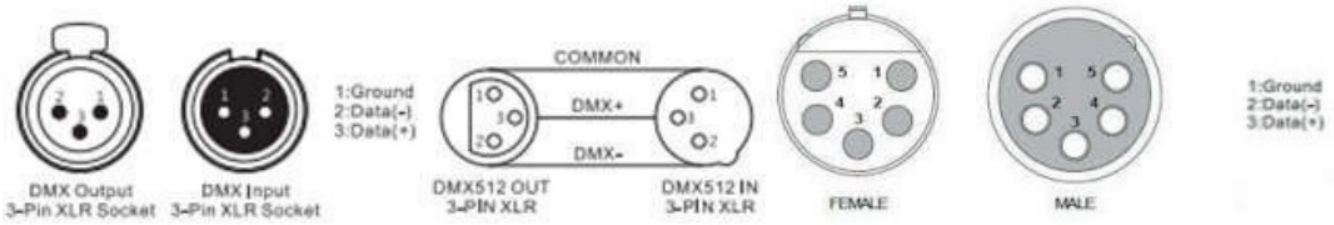
DMX Wiring

- DMX works by connecting 1 or multiple lights to the output of a DMX lighting console or software with a DMX interface.
- DMX lights connect in what is called a “daisy-chain”. Your first DMX cable will plug it’s male DMX connector into the female DMX connector on your lighting console. The remaining female connector will then connect to the DMX input on your first light.
- You may then connect your next fixture to the output of your first light, and continue the chain.

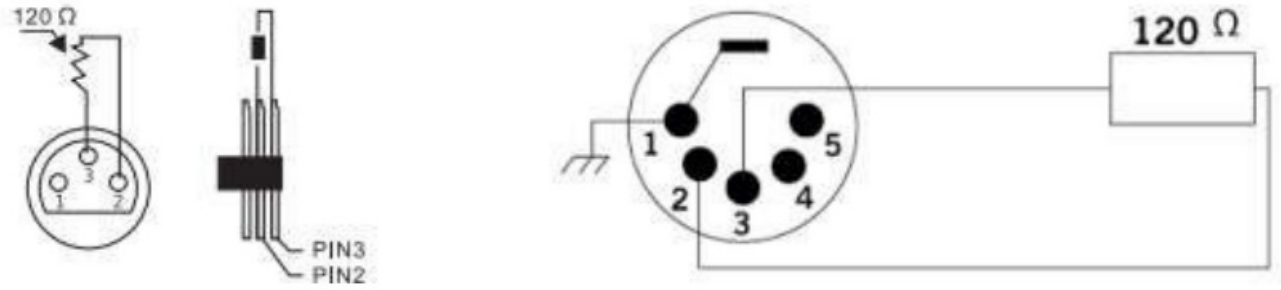


32 Fixture Rule – DMX only allows you to connect up to 32 fixtures in a single daisy chain for signal strength. Sometimes, depending on the fixtures and cable length, this number is less (or more).
DMX Cables can be 3-pin or 5-pin. These use the same type of data, and in the 5-pin only pins 1, 2, and 3 are used. The cable should be a 2 conductor, shielded cable of at least 110 ohms resistance. Microphone cable is not DMX cable.

Please refer to the diagram below



For installations where the DMX cable has to run a long distance or is in an electrically noisy environment, it is recommended to use a DMX terminator. This helps in preventing corruption of the digital control signal by electrical noise and reflections. The DMX terminator is simply an XLR plug with a 120 Ω resistor connected between pins 2 and 3, which is then plugged into the output XLR socket of the last fixture in the chain. Please see illustrations below



DMX Modes and Configuration

- The Luxé Bianco 200 VW has multiple DMX modes, sometimes called “personalities”, “profiles”, or as we will use here “modes”.
- In general, modes with more DMX channels offer a greater level of control or options but take up more of your output channels on your lighting console or software.
- Modes with less DMX channels often offer less control, but may be plenty for your needs. Depending on your needs and control solution, you may not need channels for automated programs, strobes, or macros – your console may have great effects! In this case, you can use a lesser channel mode and fit more lights per DMX universe.
- View the DMX mode charts below to find the mode that best suits your needs.

DMX Channel Mode Sheet

4CH	Function	Channel Value	Description
1	Dimmer	0-255	Master Dimmer
2	Strobe	0-255	Strobe, Open to Fast
3	Warm White 3200k	0-255	Warm White Dimmer
4	Cool White 6100k	0-255	Cool White Dimmer

Maintenance

Routine Maintenance

Fan Cleaning
Periodically do a visual inspection of the fans. If they are dirty, power off the unit and use a small electronics vacuum to clean the fans out. Do not use a can of C02 or an Air Compressor. These will simply blow the dust into the unit and may leave other residue.

Front Lens and Shutter Blade Cleaning

- The front lens should be cleaned so that light output is maintained. The shutter blades may also occasionally need cleaning.
- With the light powered off, use a moist, lint-free cloth. Never use alcohol of solvents to clean the fixture.
- Never spray any cleaners on the fixture.

Troubleshooting Problems

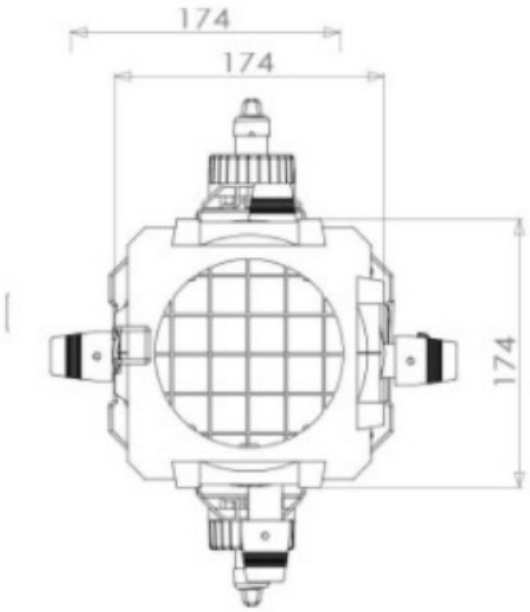
The following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting

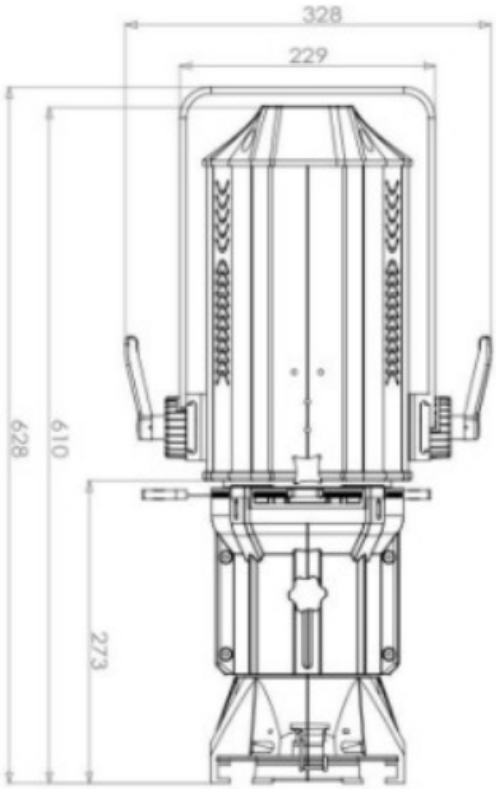
- The unit does not work
  - Check that the unit is plugged in to a working power connector.
  - Press the menu button to confirm that the unit is powered on. If the screen does not light up, the unit has no power.
- Not Responding to the DMX Controller
  - Check DMX cables to verify that they are plugged in and functional.
  - Check the DMX address and mode – does it match the address and mode patched in the lighting console or software?
  - Plug the light directly into the DMX controller with a cable that you know is good. Unplug all other lights – does it work?
  - Try to use another DMX controller.

Technical Specifications

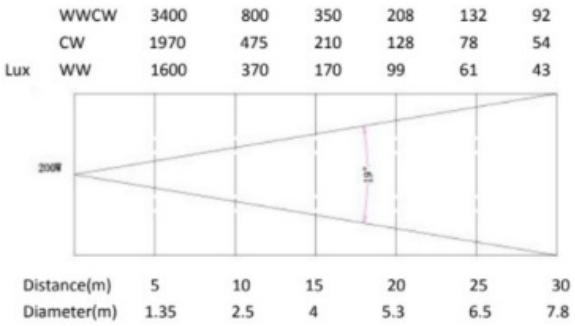
- 1*200W COB LED CW/WW
- 3200k-6100k variable white.
- 50,000 hours life and low power consumption
- Lens tube interchangeable with filed angles available for 19°/26°/36°/50°
- 0-100% Smooth and precise linear dimmer
- 4 DMX channel USITT DMX-512
- DMX512 and manual modes.
- 4-Button LCD display
- PowerCon connector IN/OUT
- 3-Pin XLR connectors IN/OUT
- Low noise fan
- 40°C Max ambient temperature
- IP20 protection rating
- AC100-230V 50-60HZ

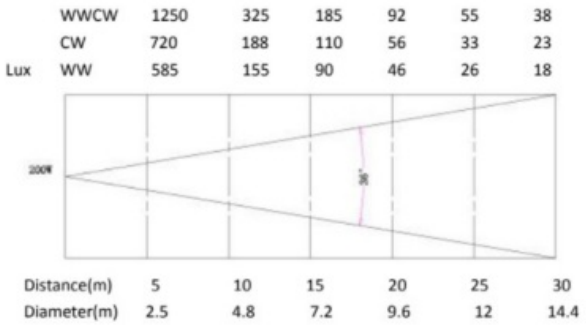
- **Max. Power:** 220W
- **Dimensions:** 340(D)*270(W)*650(H)mm
- **Net Weight**: 9.3kg

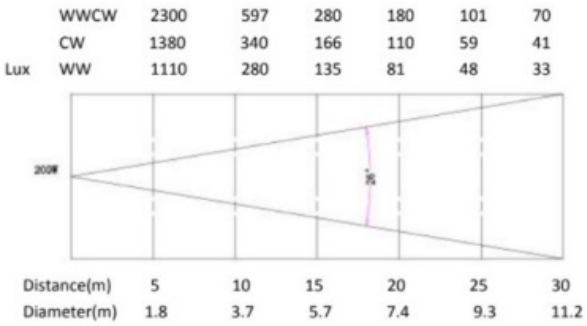


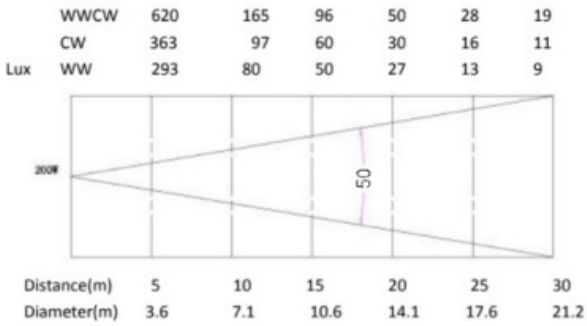


Photometric Reports









Documents / Resources

	GAMMA Bianco 200 Variable White Black Housing [pdf] User Manual Bianco 200 Variable White Black Housing, Bianco, 200 Variable White Black Housing, Variable White Black Housing, White Black Housing, Black Housing, Housing

Manuals+,