



Variable White Fresnel with Manual Zoom

F200VW

USER MANUAL



For safety, please read this user manual carefully before initial use.

Event Lighting reserves the right to revise the manual at any time. Information and specifications within this manual are subject to change without notice. Event Lighting assumes no liability or responsibility for any errors or omissions.

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Safety Instructions

WARNING

- Do not open this device, there is no user-serviceable parts inside. Risk of electric shock.
- Do not look at the light source when the device is on.
- **CAUTION:** This unit's housing may be hot during and after operation.
- Install this device in a location with adequate ventilation, at least 20 inch (50 cm) from adjacent surfaces.
- Do not leave any flammable material within 50 cm of this unit while operating or connected to power.
- Use a safety chain when mounting this device overhead.
- Do not operate this device outdoors or in any location where dust, excessive heat, water, or humidity may affect it.
- Do not operate this device if the housing, lenses, or cables appear damaged.
- Do not connect this device to a dimmer or rheostat.
- ONLY connect this device to a grounded and protected circuit.
- ONLY use the hanging bracket to carry this device.
- In case of a serious operating problem, stop using immediately.
- The maximum ambient temperature is 104° F (40° C). Do not operate this device at higher temperatures.

Power Input & Power Linking

This device has an auto-switching power supply work with input voltage range of 100~240 VAC, 50/60 Hz. Link up to the maximum 8A. DO NOT exceed this number.

Product Installation

This device can be mounted in many orientations provided each individual device is secured by the use of correct mounting bracket.

Use a safety chain when mounting this device overhead.

Fuse Replacement

If the fine-wire fuse of the device fuses, only replace the fuse by a fuse of same type and rating.

Before replacing the fuse, unplug mains lead.

Procedure:

Step 1: Unscrew the fuse holder on the rear panel with a fitting screwdriver from the housing (anticlockwise).

Step 2: Remove the old fuse from the fuse holder.

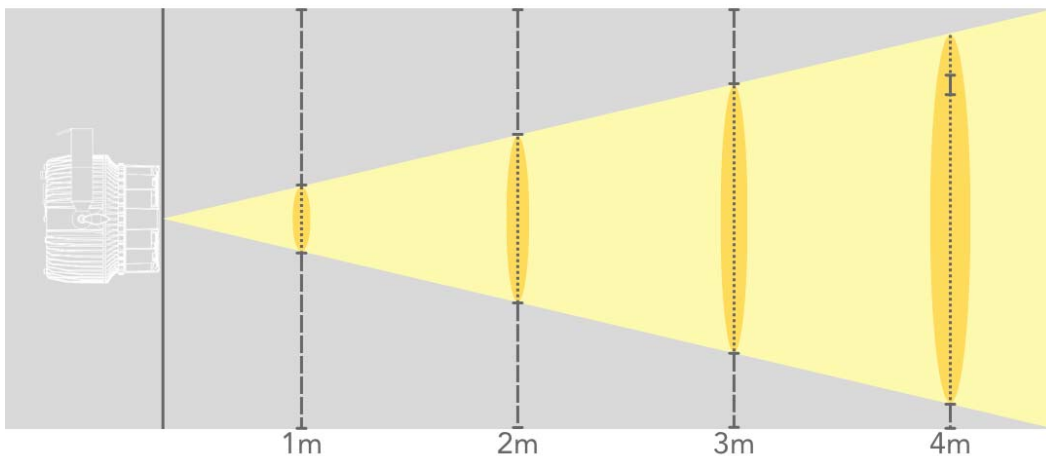
Step 3: Install the new fuse in the fuse holder.

Step 4: Replace the fuse holder in the housing and fix it.

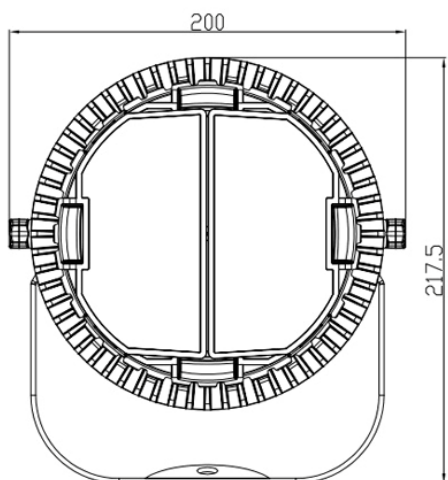
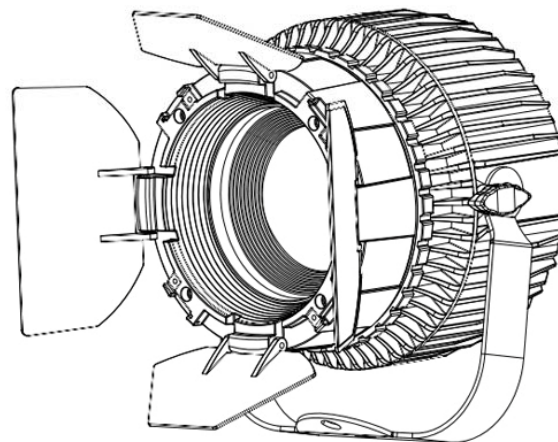
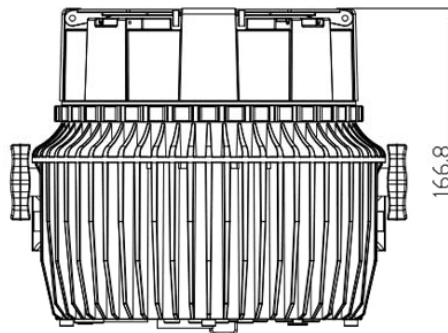
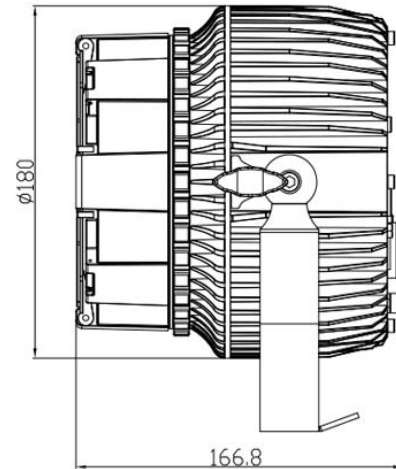
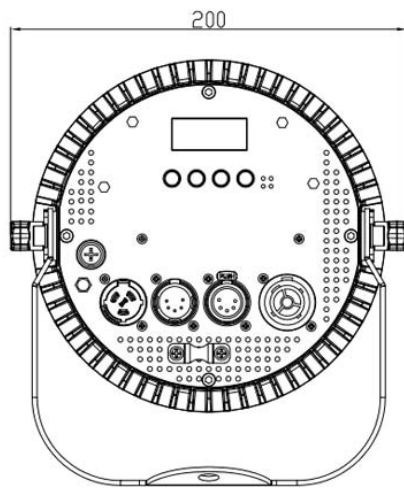
Lux Chart

Lux @20°		F200VW		
Distance From Source	1m / 3'3"	2m / 6'7"	3m / 9'10"	4m / 13'2"
2600K	13,065	3,300	1,530	844
6600K	17,950	4,670	2,216	1,185
Full	30,170	7,816	3,550	1,993
Diameter	Ø0.36m / 1'2"	Ø0.72m / 2'4"	Ø1.08m / 3'7"	Ø1.44m / 4'9"

Lux @53°		F200VW		
Distance From Source	1m / 3'3"	2m / 6'7"	3m / 9'10"	4m / 13'2"
2600K	3,770	1,010	445	255
6600K	5,265	1,395	612	355
Full	8,865	2,345	1,025	596
Diameter	Ø0.99m / 3'3"	Ø1.98m / 6'6"	Ø2.96m / 9'9"	Ø3.95m / 12'12"



Dimensions



F200VW

CONTROL BOARD OPERATION

Display	Options / Values	Function
DMX Add	<001> - <508>	To set DMX address
DMX Cha	<01>, <1U><02>, <05>,<07><User>	To set DMX channel modes
DMXLoss	<Hold><Blacko><Manual>	Select mode when DMX loss
UserDMX	CH:<01> End	Edit a user DMX mode
Manual	Preset <StraW> <WarmW> <White> <CoolW> <Steel>	To select colour from 5 preset colour temperature modes
	Finetune <Straw> <Straw+> <Stra++> <- -Warm> <-WarmW> <WarmW> <WarmW+> <Warm++> <- -Whit><-White> <White> <White+> <Whit++> <- -Cool> <-CoolW> <CoolW> <CoolW+> <Cool++> <- -Stee> <-Steel> <Steel>	To select colour from 21 fine tune colour temperature modes
	Dimmer <000> - <100>	To set dimming intensity
Mas/Sla	< Sla> / <Mas>	To set Master/Slave modes
Wireless	<ON><OFF> <EL Mode> <W-DMX_R> <W-DMX_T>	You need to install WDMX module inside the fixture first and then receive the DMX signal from the transmitter attached to the console by setting this on
Reset	<N> / <Y>	To reset factory default setting
Update	<N>/ <Y>	Select to update firmware
	<START>	Use this fixture to update another fixture's software

DMX Addressing:

After selecting the "DMX Add" press "Enter", use "Up" and "Down" buttons to select the desired DMX address, press "Enter" to save new setting

DMX Modes

After selecting the "DMX Cha" press "Enter", use "Up" and "Down" buttons to select the desired DMX mode, press "Enter" to save new setting

DMX Loss

Give users the ability to set what they want as the DMX Loss.

- By Standard ,out of the box, if in DMX mode and no signal = hold along with, if receiving DMX signal and loss = hold last signal
- Give users the ability to select, call on the menu DMX Loss then let users choose Hold (hold last signal), Blackout, Manual (last manual colour) or Auto (last Auto show selected) -

User DMX

Under this item, you can essentially pick a channel and assign a function of the DMX mode.

So for example, once 'User DMX' is selected, you can click through the channels so by default it may be the max amount of channels allocated, then you can re-arrange as you please and once you are finish, put an option to have the last channel 'End' so that it stops. Say you want 10 channels, the 11th channel would be End. making it a 10 channel user mode. Then to select this mode, under DMX Channel mode it would just be 'User'.

Manual

After entering "Manual" mode, use "Up" and "Down" buttons to select the colour from preset colour group and fine tune group, set intensity from 000 to 255, press "Enter" to save new setting

Master/Slave

Set the master fixture to one of the standalone operating modes.

Set the slave, enter "Mas/Slav" mode, set to "Slave", press "Enter" to save the setting.

Firmware update

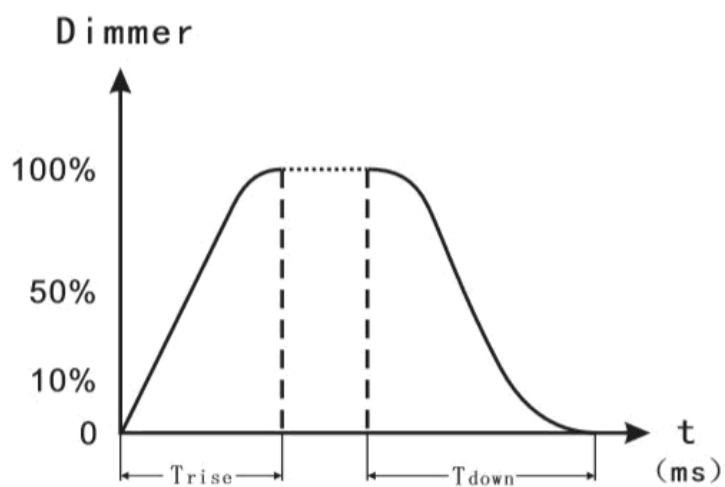
Use fixture A to update fixture B's firmware

- Set fixture A to "Update" mode, select "Y" then select "START"
- Link fixture A and fixture B with DMX cable, then power up fixture B
- Press "Enter" on fixture A, fixture B's firmware will be copied from fixture A.

*Ensure that fixture A and B are of the same type, otherwise damage may occur.

* Only fixture A and B should be in the DMX chain when updating firmware.

Fade Mode



DMX delay DMX mode	T _{rise} (ms)	T _{down} (ms)
Standard	0	0
Stage	300	600
TV	500	800
Architec	600	1000
Theatre	620	1500

DMX Chart

1 channels Mode

Channel	Value	Function
1	000 - 255	Dimmer & Colour temperature

1U channels Mode

Channel	Value	Function
1U	000 - 255	Dimmer (dim the preset color selected in Menu)

2 channels Mode

Channel	Value	Function
1	000 - 255	Dimmer 0% ~ 100%
2	000 - 255	Warm white to cool white

5 channels Mode

Channel	Value	Function
1	000 - 255	Master dimmer coarse: 0% ~ 100%
2	000 - 255	Master dimmer fine: 0% ~ 100%
3	000 - 255	Warm white to cool white
4	000 - 015	No function(Shutter on)
	016 - 119	Strobe slow to fast (1-25Hz)
	120 - 127	Shutter on
	128 - 183	Strobe random slow to fast
	184 - 191	Shutter on
	192 - 247	Strobe audio sensitivity low to high
	248 - 255	Shutter on
5	000 - 050	Standard
	051 - 101	Stage
	102 - 152	TV
	153 - 203	Architect
	204- 255	Theater

7 channels Mode

Channel	Value	Function
1	000 - 255	Master dimmer coarse: 0% ~ 100%
2	000 - 255	Master dimmer fine: 0% ~ 100%
3	000 - 255	Warm White
4	000-255	Cool White
5	000 - 015	No function(Shutter on)
	016 - 119	Strobe slow to fast (1-25Hz)
	120 - 127	Shutter on
	128 - 183	Strobe random slow to fast
	184 - 191	Shutter on
	192 - 247	Strobe audio sensitivity low to high
	248 - 255	Shutter on
6	000 - 009	No function
	010 - 255	Preset Colours (Warm->Cold)
7	000 - 050	Standard
	051 - 101	Stage
	102 - 152	TV
	153 - 203	Architect
	204- 255	Theater

TECHNICAL SPECIFICATIONS

Power

Power Supply: 100~240V AC, 50/60 Hz

Power Consumption: 120W

Power Connection: Seetronic in / out

Photometrics

Light Source: 1 x 100W*2 cool white 6500K and warm white 2700K COB LED

CRI: 95+

Beam Angle: 20° - 53°

Field Angle: 34° - 70°

Output: 3550 lux @3M at 20°, 1025 lux @3M at 53°

Lens: 80mm Planconvex lens

PWM: 1,200Hz

LED Lifespan: 50,000 hours

Effects

Dimming: 16-bit 0 - 100%

Strobe: 1 – 25 Hz

Zoom: Manual Zoom 20° to 53°

Barn Door: Included

Gel Clip: Included

Control

Operational Modes: Manual, Master / Slave & DMX ,WDMX, RDM

Display: 4-button LCD control panel

DMX Protocol: DMX512

DMX Channel Mode: 1 / 1U / 2 / 5 / 7 / User

DMX Interface: 5-pin XLR (Optional 3-pin XLR)

Housing

Housing Materials: Die- cast Aluminum Housing

Housing Finishing: Matte Black

Cooling: Fanless Cooling with Temperature Protection

Net Weight: 3.2 kg

Dimension: 217.5 X 167 X 200mm