

EVENT LIGHTING

LED Fresnel

F100WWMZ F200WWMZ

PS200CW PS200WW

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. Please consult Event Lighting for any clarification or information regarding this item.

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Ver 1.8.0

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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.

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.

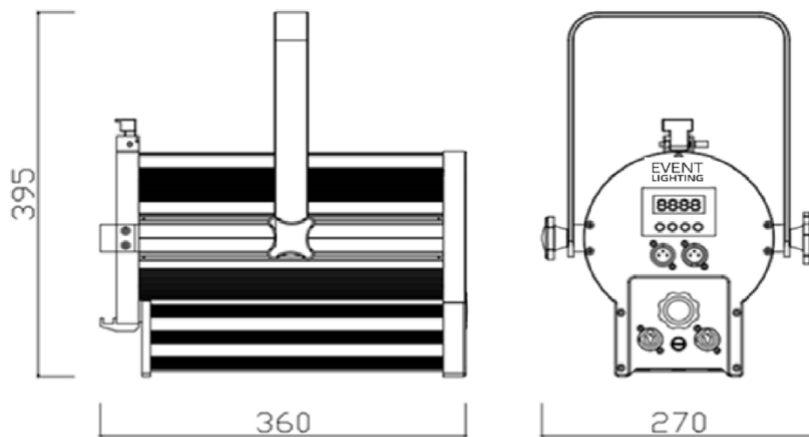
Step 4: Replace the fuse holder in the housing and fix it.

Product Installation

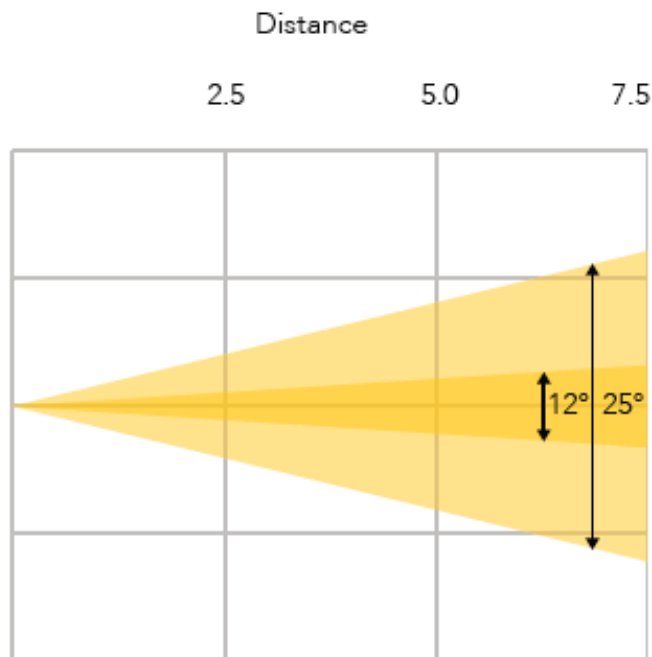
This device can be mounted in many orientations provided each individual device is secured by the use of correct mounting bracket.

Use a safety chain when mounting this device overhead.

Dimensions – F100WWMZ, F200WWMZ



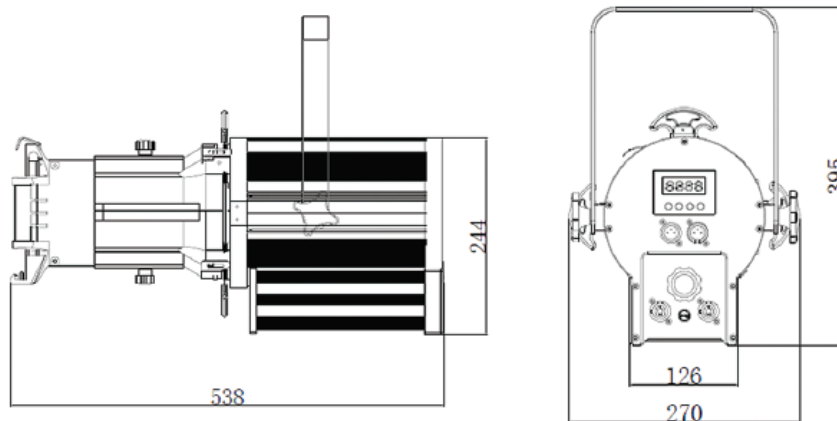
Lux Chart – F100WWMZ, F200WWMZ



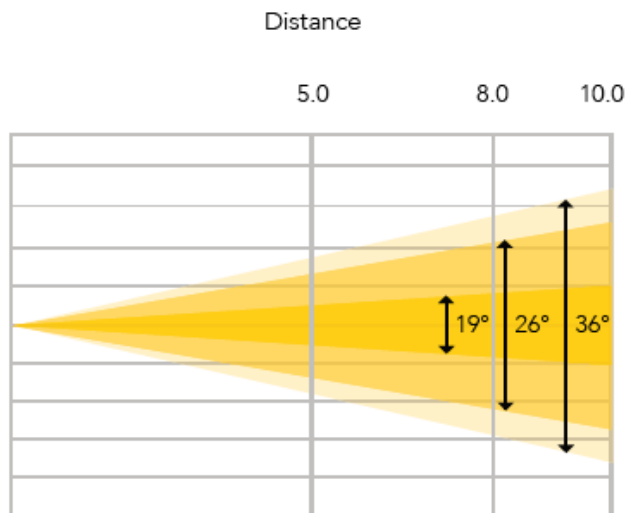
LUX @ 12°	Ø 0.53	Ø 1.05	Ø 1.58
100W	4,928	1,232	548
200W	7,392	1,848	822

LUX @ 25°	Ø 1.11	Ø 2.22	Ø 3.33
100W	2,005	501	222
200W	3,008	752	334

Dimensions – PS200CW, PS200WW



Lux Chart – PS200CW, PS200WW

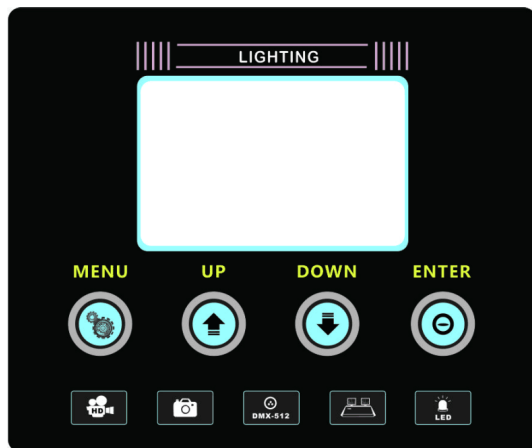


LUX @ 19°	Ø 1.67	Ø 2.68	Ø 3.35
3000 K	4,157	1,624	1,039
5600 K	4,820	1,883	1,205

LUX @ 26°	Ø 2.31	Ø 3.69	Ø 4.62
3000 K	3,848	1,503	962
5600 K	4,474	1,748	1,119

LUX @ 36°	Ø 3.25	Ø 5.2	Ø 6.5
3000 K	2,748	1,073	687
5600 K	3,195	1,248	799

CONTROL BOARD OPERATION



Press the Menu until one of the following had been displayed:

Function	Values	Description
DMX	001 – 512	Set DMX Address.
CHAN	01CH, 02CH, 03CH	Set DMX Channel Mode.
MANUAL	DIM: 000 - 255 D_F: 000 - 255 STO: 000 - 255	Manually set intensity of Dimmer (0 = off, 255 = brightest). Manually set intensity of Dimmer Fine (0 = off, 255 = brightest). Manually set speed of Strobe (0 = off, 255 = fastest).
CURVE	Linear, S, Log	Select the dimming curve between Linear, S and Log.
RESET	NO, Yes	Reset all settings to factory default.
TEMP	Cur: NNN	Displays the current temperature in degrees Celsius.
FAN	NNN – Speed Auto / Silent	Displays the current fan speed. Select between Auto and Silent fan modes.
VERSION	A1.8.0	Displays the current firmware version.

Use “Up” and “Down” buttons to select your desired operation, then press “Enter”.

DMX VALUES

1 channel mode

Channel	Value	Function
1	000-255	Dimmer Coarse

2 channels mode

Channel	Value	Function
1	000-255	Dimmer Coarse
2	000-255	Dimmer Fine

3 channels mode

Channel	Value	Function
1	000-255	Dimmer Coarse
2	000-255	Dimmer Fine
3	000-255	Strobe

TECHNICAL SPECIFICATIONS

Model	F100WWMZ	F200WWMZ	PS200CW	PS200WW
Dimensions and Weight				
Overall size LxWxH	360 X 270 X 395 mm		538 X 270 X 395	
Weight (kg)	5		8.6	
Power				
Power Supply	100~240V AC, 50/60 Hz			
Power Consumption (w)	100	200	100	200
Fuse	T 1 A, 250 V	T 2 A, 250 V	T 1 A, 250 V	T 2 A, 250 V
Details				
LED	100W COB	200W COB	200W COB	200W COB
LED lifespan	50 000hrs			
Colour Temperature	3000K	3200K	5600K	3000K
Operation Modes	DMX, static control			
Beam Angle	12 - 25°		19°, 26° or 26°	
Field Angle	30 - 65°		N/A	
Dimming	16 bit – 0-100%			
Strobe rate	1-25 Hz			
Lens	150mm Fresnel		Optional: PS19LENS, PS26LENS, PS36LENS	
Refresh Rate	8000Hz			
DMX Channel mode	1 / 2 / 3			
Power Input	Neutrik® Powercon			
Power Output	Neutrik® Powercon			
DMX connector	3 pin male XLR and 3 pin female XLR			
Construction	Matte Black finish steel and ABS			

WARRANTY

Please refer to your local dealer or please contact Event Lighting Pty Ltd

Website: www.event-lighting.com.au.