EVENT LIGHTING

PS300LEWW
300W Warm White Profile Spot Light Engine
USER MANUAL

Safety Instructions
Warning

- Do not open this device, there are 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 become hot during and after operation.
- Install this device in a location with adequate ventilation, at least 20 inches (50 cm) from adjacent surfaces.
- Do not leave any flammable material within 20 inches (50 cm) of this unit while operating or connected to power.
- Use a safety chain when mounting the 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 problem, stop using this device immediately.
- Do not operate this device at ambient temperatures higher than 40° C (104° F).

Power Input and Power Linking

This device has an auto-switching power supply that works with 100-240 V AC, 50/60 Hz input. Link up to the maximum of 15A. DO NOT exceed this.

Fuse Replacement

If the fine wire fuse of the device fuses, replace it with one of the same type and rating. Before replacing the fuse, disconnect from mains power.
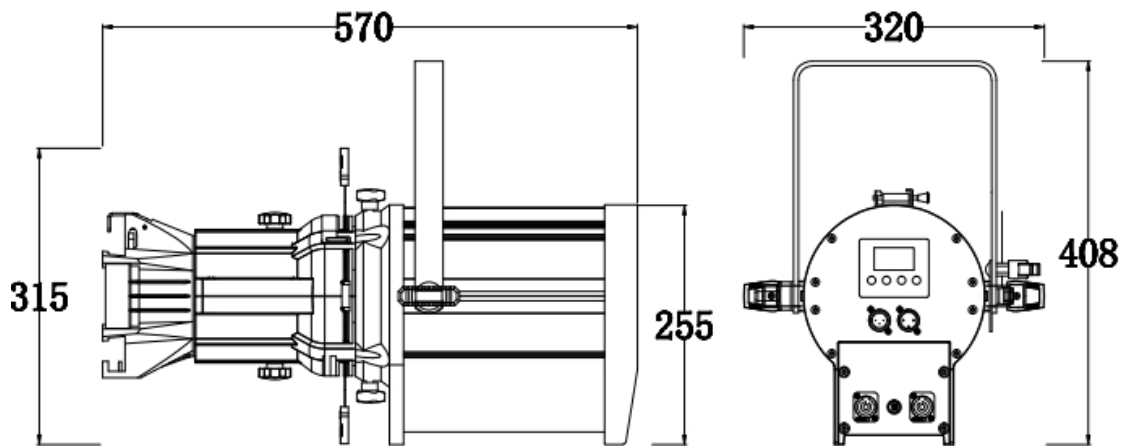
Procedure:
1. Unscrew the fuse holder on the rear panel from the housing with a fitting screwdriver.
2. Remove the old fuse from the fuse holder.
3. Install the new fuse in the fuse holder
4. Replace the fuse holder in the housing and secure it.

Product Installation

This device can be mounted in many orientations provided each individual device is secured by the use of the correct mounting bracket. Use a safety chain when mounting this device overhead.

Dimensions

Lux Chart

Lux	PS300LEWW		
	5.0m	8.0m	10.0m
	Ø1.67	Ø2.68	Ø3.35
Lux @ 19°	4,822	1,885	1,205
	Ø2.31	Ø3.69	Ø4.62
Lux @ 26°	4,465	1,745	1,116
	Ø3.25	Ø5.20	Ø6.50
Lux @ 36°	4,192	1,247	798

Control Panel Operation

Menu – Move up one level.
Up – Move up one item.
Down – Move down one item.
Enter – Move down one level / confirm selection.

Menu

Level 1	Level 2	Value	Information
DMX	DMX address	1-512	Set DMX address
CHAN	CH01		Use 1 channel mode
	CH02		Use 2 channel mode
	CH03		Use 3 channel mode
MANUAL	DIM	0-255	Manual control of Dimmer
	D_F	0-255	Manual control of Dimmer-Fine
	STO	0-255	Manual control of Strobe
CURVE	Linear		Linear dimming curve
	Log		Logarithmic dimming curve
	S		S dimming curve
FADE	ON/OFF		Enable/disable fade time on dimming
FRE	1.0K … 16K		Change PWM
FAN	Max		Fastest fan speed
	Auto		Variable fan speed, based on thermal sensor
	Silent		Theatre mode, meets the Nr25 standard
TEMP	C.000		Current fixture temperature
RESET	YES/NO		Reset to factory default
TEST			Manufacturer burn in test mode, used after service. Not recommended for use by customers.
VERSION	A200.1		Software version
	RDM UID		Unique ID for RDM

Press Up and Down to select the desired operation, press Enter to select.

Set DMX Address
Select "DMX" then press Enter.
Use Up and Down to set the desired DMX address from 1 to 512.
Press Enter to confirm and save.

Set DMX Channel Mode
Select "Chan" then press Enter.
Use Up and Down to set the desired DMX channel mode.
Press Enter to confirm and save.

Refer to the DMX Chart below for more information on each mode.

Set Dimmer Curve
Select "Curve" then press Enter.
Use Up and Down to set the desired dimmer curve.
Press Enter to confirm and save.

Set Manual Control
Set the Dimmer, Dimmer Fine and Strobe values through the control panel.
- Strobe speed 0 is always on, 1-100, strobe slow to fast.

Factory Reset
Select reset and press Enter twice to reset the device to factory default settings.

DMX Chart

- This fixture is controlled by the universal DMX 512 protocol. The DMX address is the first channel used to receive instructions from the external controller. For independent control, each fixture must be assigned a unique address for each of its control channels. For example, this device has three channel modes: 1/2/3, if it's set to 3 channel mode, and there are several fixtures need to be independently controlled, we just simply address first fixture at 1, and second fixture at 4, third one at 7, etc.
- If multiple fixtures have the same DMX address, they will behave synchronically.
- Display will flash '!' when no DMX signal is received.

Mode/Channel			Min. DMX	Max. DMX	Function
1 Ch	2 Ch	3 Ch			
1	1	1	0	255	Dimmer
	2	2	0	255	Dimmer-Fine
		3	0	255	Strobe, slow to fast

Technical Specifications

Photometrics
- Light Source: 300 W 3,200K COB LED
- CRI: 90
- Beam Angle: 19°, 26° or 36°
- Output: 4,822 lux @ 5 m @ 19°, 4,465 lux @ 5 m @ 26°, 3,192 lux @ 5 m @ 36°
- PWM: 8,000 Hz
- LED Lifespan: 50,000 hours

Effects
- Dimming: 0~100%, 16-bit
- Strobe: 1~25 Hz
- Gobo holder size: 'B' 87.5 mm overall size, 35 mm image size
- Gel Frame: Optional
- Iris: PSIRIS (Optional)

Power

- Power Supply: 100~240V AC, 50/60 Hz, 300 W
- Power Connection: Neutrik® PowerCON in / out

Control

- Operational Modes: DMX, manual, master/slave
- Display: 4-button LCD control panel
- DMX Protocol: DMX512
- DMX Channel Mode: 1 / 2 / 3
- DMX Interface: 3-pin XLR

Housing

- Housing Materials: Aluminium & ABS, matte black finish
- Cooling: Variable Speed Fan
- Net Weight: 9.5 kg
- Overall Size: 538 X 270 X 427mm
- Optional Lens: PSLII19, PSLII26, PSLII36

Warranty

Please refer to your local dealer or contact Event Lighting.