ECLIPSE 180 SD
USER MANUAL

Ⓢ® **ECLIPSE 180 SD**
SS5141
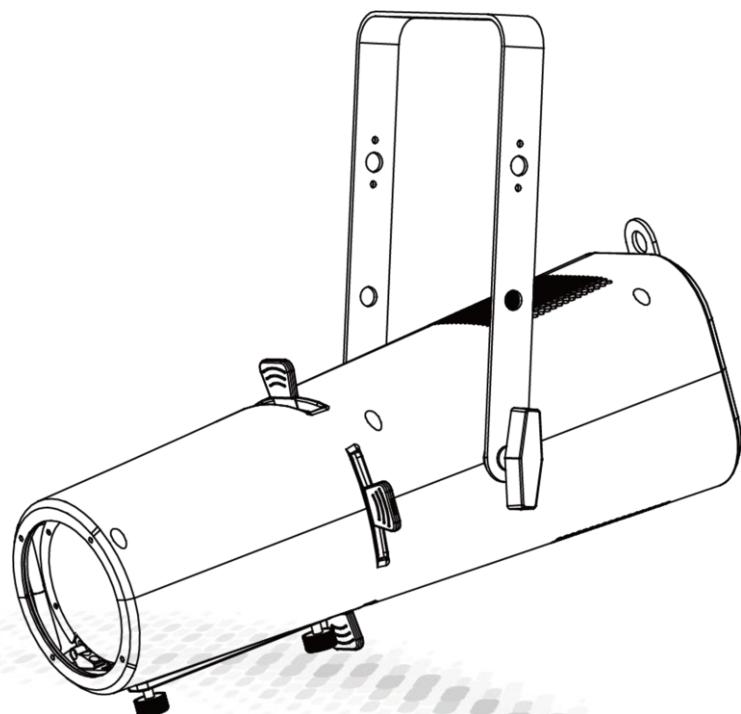
MODEL: SS5141SWD/SCD

1 PRODUCT

1.1 TECHNICAL SPECIFICATIONS

Type	SS5141SWD/SCD
LED colors	150W LED
Power	170W
Voltage Range	AC100~240V,50/60Hz
Protection	IP20
Operation Temperature	0℃~45℃
Dimensions	568x224x191mm
Weight	6.1kg

DIMENSIONS
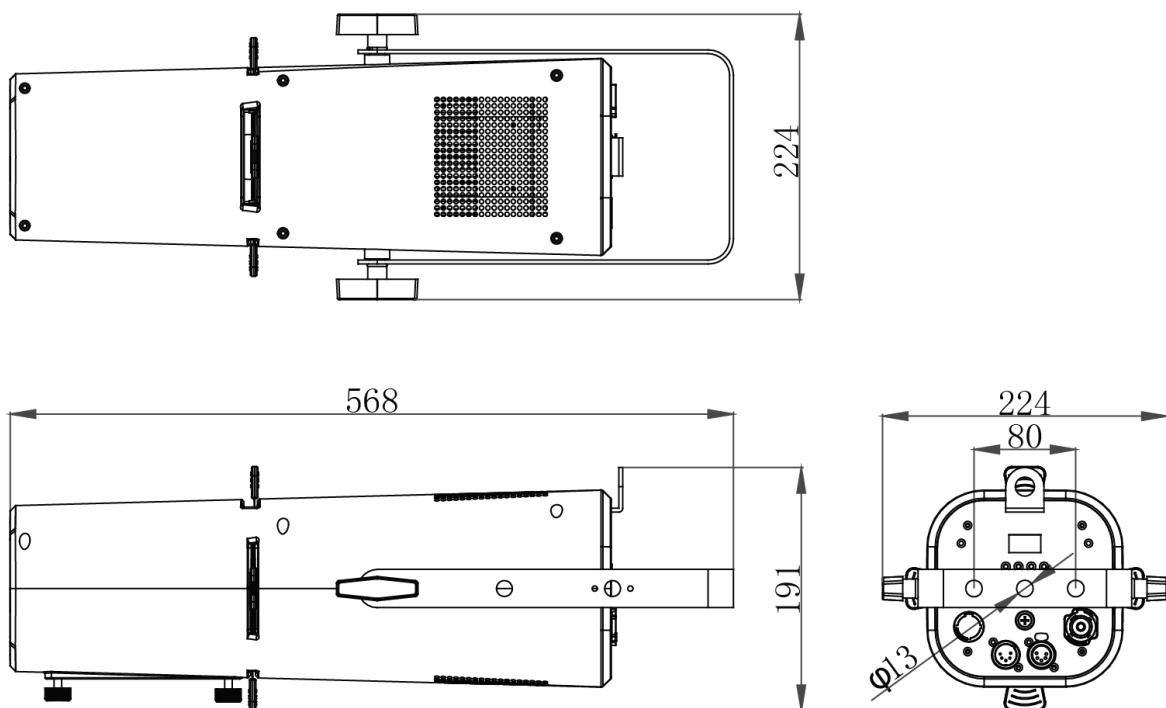
1.2 Safety Notes

IMPORTANT

- This product must be installed by a qualified professional.
- In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes
- The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the device.

CAUTION!

- Make sure that the available voltage is not higher than stated on the rear panel.
- Do not touch the power cables if your hands are wet.
- The earth wire must always be connected to the ground. Therefore it is essential to connect the yellow/green conductor to earth.
- Make sure that the power-cord is never crimped or damaged by sharp edges. Check the device and the power-cord from time to time. The electric connection, repairs and servicing must be carried out by a qualified employee.
- Always disconnect power input cable to completely remove power from unit when not in use or before cleaning or servicing the fixture.
- Do not switch the fixture on and off in short intervals as this would reduce the lamp's life.
- Do not touch the device's housing bare hands during its operation (housing becomes hot)! The surface of the product's casing can reach up to 60 C (140F) during operation. Avoid contact by persons and materials. Do not install the product in a location where there is a risk of accidental contact. Allow the product to cool for at least 10 minutes before handling.
- For replacement use lamps and fuses of same type and rating only.
- Please protect the fixture and avoid destroy during transport and installation. If there is any damage to the coating, the shell may be corroded.
- When hanging lamps and lanterns, it is necessary to verify that facilities and hooks can bear at least 10 times the weight of lamps and lanterns.
- Fix the safety rope at the correct holes only. Only operate the fixture after having checked that the housing is firmly closed and all screws are tightly fastened.
- The maximum ambient temperature 45°C must never be exceeded. Do not operate the product if the ambient temperature (Ta) exceeds 45° C (115° F).

Electrical Warning

- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person

2 INSTALLATION

2.1 MOUNTING

UPRIGHT

◆ Keep all combustible materials (e.g. fabric, wood, paper) at least 500 mm (20 in.) away from the product.
◆ For overhead use, always install a safety cable that can hold at least 10 times the weight of the fixture.
◆ For overhead installation, the fixture must be always secured with a safety wire that can bear at least 10 times the weight of the fixture；Secure the fixture with a safety cable through the rear safety eye as shown.
◆ Ensure that the structure (truss) to which you are attaching the fixture is secure
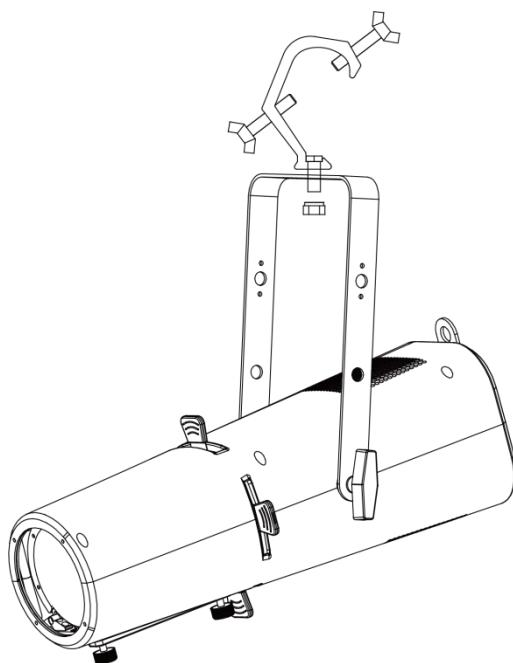
Hanging layout

2.2 POWER CONNECTIONS

◆ POWER Linking: 6 units@110V；12 units@220V.
◆ This product has an auto-ranging power supply that can work with an input voltage range of 100–240 VAC, 50/60 Hz.

AC Plug

Connection	Wire (U.S.	Wire(Europe)	Screw Color
AC Live	Black	Brown	Yellow/Brass
AC Neutral	White	Blue	Silver
AC Ground	Green/Yellow	Green/Yellow	Green

2.3 Data network requirements

◆ Connect the DMX512 controller to the units in series. A DMX 512 data link is required in order to control the fixture via DMX. The fixture has 3/5-pin XLR connectors for DMX data input and output.

◆ Each unit has N DMX channels so the DMX Addresses should increase by increments of 1，(Nx1)+1，(Nx2)+1，(Nx3)+1...

◆ Any DMX address in the range from 001 to 512 may be used.
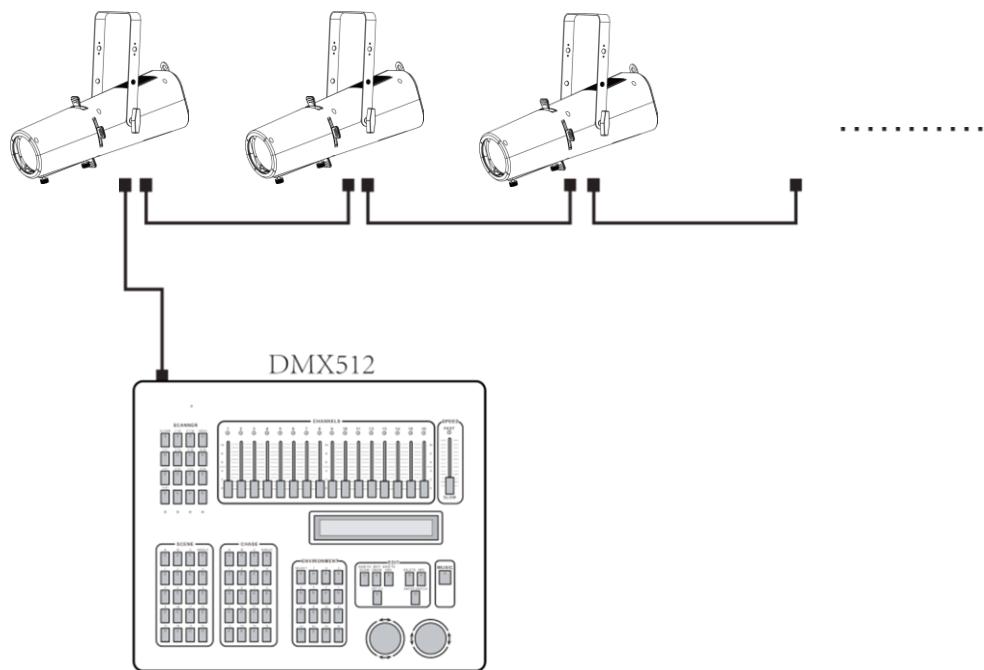
3 FUNCTIONS AND SETTINGS

3.1 DISPLAY OPERATION

◆ MENU：Used to access the menu or to return a previous menu option;
◆ ENTER：Used to select and store the current menu or confirm the current function value or option within a menu;
◆ UP：Navigates downwards through the menu list and increases the numeric value when in a function;
◆ DOWN：Navigates upwards through the menu list and decreases the numeric value when in a function；

3.2 Menu Map

STATIC	WHITE	0-255			Combine [WHITE] to create an infinite range of colors (0-255).
	STROBE	0-25			Set the value of the [STROBE] (0-25Hz).
ADDRESS	001-512（default001）				Set the DMX ADDRESS
RUN MODE	DMX（default）				Sets the mode to DMX control
	SLAVE				Sets the mode to master/slave
	DMMR				Sets the mode to dimmer control
	SENS				Automatically chooses between DMMR and DMX
PERSONALITY	UNO				Use the menu to select desired channel mode
	DOS				
	STD.P				
SETTING	****	RESET	****	RESET	Restore factory settings
		DIMMER	DIM4（default）		Dimming curves OFF(fast) to DIM4 (slow)；
			DIM3		
			DIM2		
			DIM1		
			OFF		
		DMX ERROR	SAVE（default）		Hold after loss of DMX signal
			BLACK		Blackout after loss of DMX signal
		PWM_RATE	1200HZ（default）		Sets the PWM frequency
			2400HZ		
			4000HZ		
			6000HZ		
			25000HZ		
		PERFORM	LIVE（default）		Fan mode low speed
			POWER		Fast rotation of fan，all power
			STUDIO		Automatic rotation of fan
		DISP KEY	ON（default）		Locks display (passcode is <UP>, <DOWN>,<UP>, <DOWN>, <ENTER>)
			OFF		
		DISP TIME	ON		Display backlight always on
			10s		Turns off display backlight after 10s/30s

			30s（default）	/2min of inactivity
			2min	
	LANGUAGE	****	Chinese	Language
			English(default)	
INFO	FIXTURE HOURS			Hours of fixture use
	VERSION			Software versions
	RDM	UID	0x388Axxxxxxxx	Check fixture's ID
		LABEL		Check fixture's LABEL
All passwords of this product are <UP>, <DOWN>,<UP>, <DOWN>, <ENTER>				

4 USING A DMX512 CONTROLLER

4.1 DMX CONTROL

UNO	DOS	STD.P	Value	Function
Channel				
CH.1	CH.1	CH.1	0-255	DIMMER
-	CH.2	CH.2	0-255	DIMMER FINE
-	-	CH.3	**STROBE**	
			0-9	NO FUNCTION
			10-99	STROBE FROM（SLOD TO FAST，0-25Hz）
			100-109	NO FUNCTION
			110-179	LIGHTNING STROBE
			180-189	NO FUNCTION
			190-255	RANDOM STROBE
-	-	CH.4	**CONTROL**（EXECUTE AFTER 3 SECONDS）	
			000-010	NO FUNCTION
			011-060	RESERVED
			061-070	LIVE
			071-080	STUDIO
			081-090	POWER
			091-100	RESERVED
			101-110	DIMMER OFF
			111-120	DIMMER DIM4
			121-150	RESERVED
			151-160	1200Hz
			161-170	2400Hz
			171-180	4000Hz
			181-190	6000Hz
			191-200	25000Hz
			201-210	ALL RESET
			211-255	RESERVED