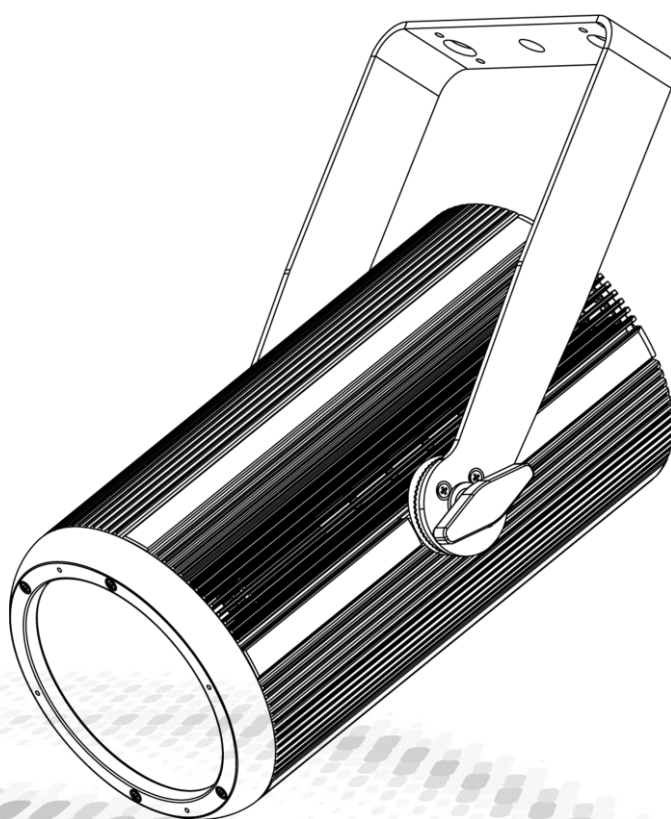


MOONLITE 150 SW/SC

USER MANUAL

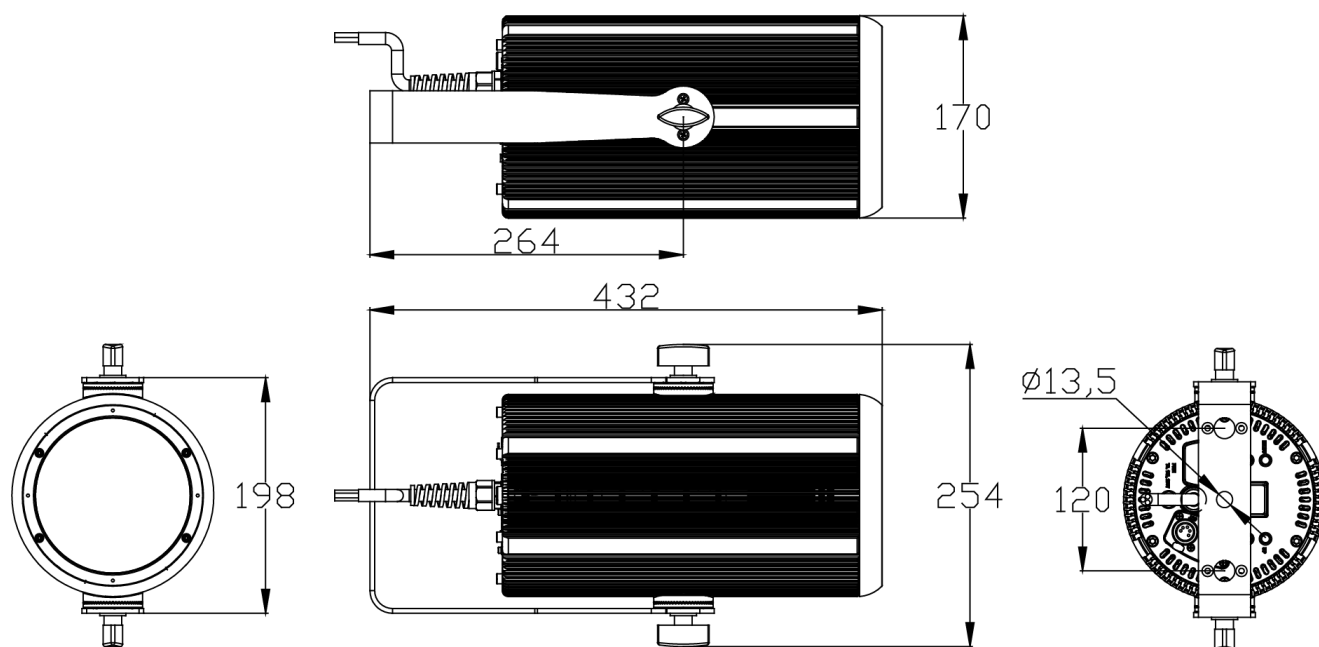


MODEL: SS5231SW/SC

1 PRODUCT

1.1 TECHNICAL SPECIFICATIONS

Type	SS5231SW /SC
LED colors	230W COB
Power	150W
Voltage Range	AC100~240V,50/60Hz
Protection	IP20
Operation Temperature	0°C~45°C
Dimensions	254X170X432mm
Weight	8.5kg



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 70° C (158° F) 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

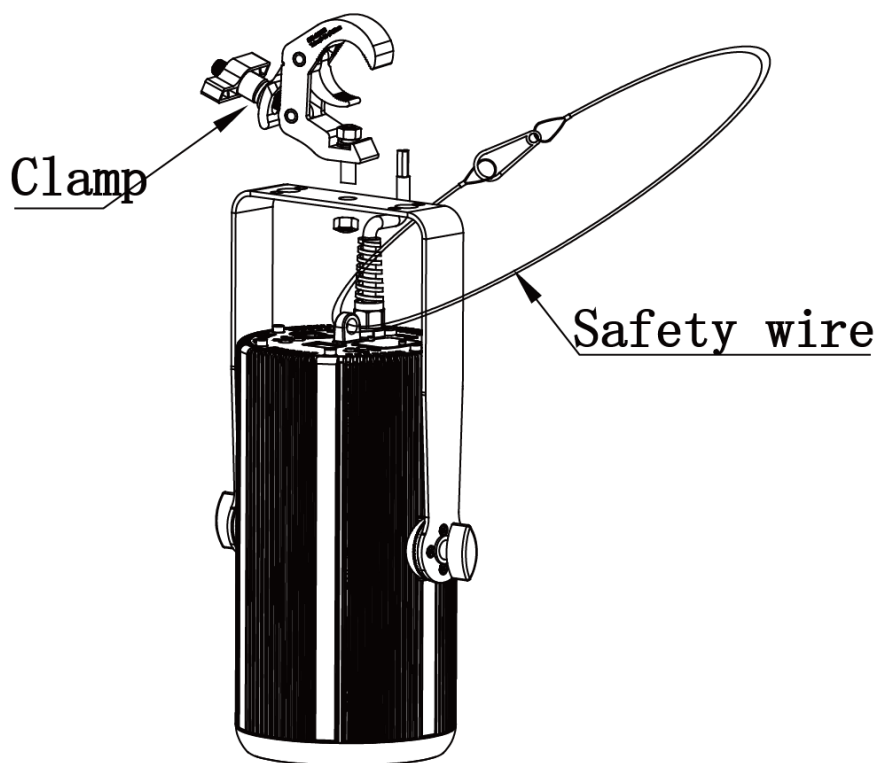
- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person

2 INSTALLATION

2.1 MOUNTING

UPRIGHT

- ◆ 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

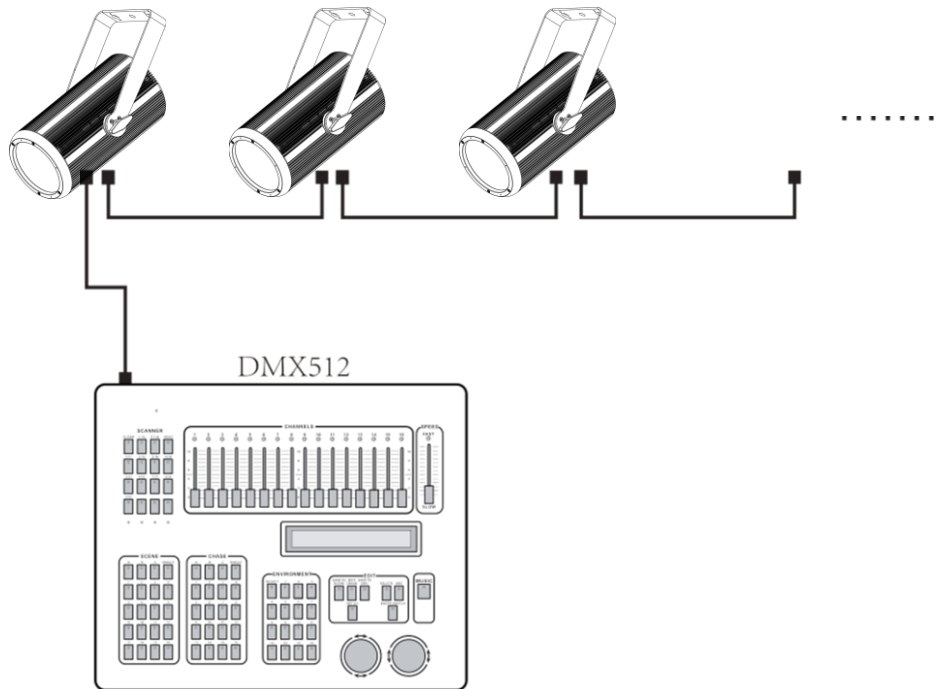
- ◆ This product has an auto-ranging power supply that can work with an input voltage range of 100–240 VAC, 50/60 Hz.

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, $(N \times 1) + 1$, $(N \times 2) + 1$, $(N \times 3) + 1 \dots$
- ◆ 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	DIMMER	0-255			Manual setting
	STROBE	0-25			
ADDRESS	001-512（default001）				Set the DMX ADDRESS
RUN MODE	DMX（default）				[DMX] Using the DMX 512 controller to control; [SLAVE] Master--Slave operation.
	SLAVE				
PERSONALITY	UNO				Use the menu to select desired channel mode
	DOS（default）				
	STD.P				
SETTING	****	RESET	****	RESET	Restore factory settings
		DIMMER	DIM4（default）		Dimming curves OFF (fast) to DIM4 (slow);
			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		
		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 /2min of inactivity
			30s（default）		
			2min		
		WDMX RESET	YES		Wireless DMX reset
			NO		
		SIGNAL	XLRDMX（default）		XLRDMX and WDMX mode select
			WDMX		
INFO	FIXTURE HOURS				Hours of fixture use
	VERSION				Software versions
	RDM	UID	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 (1CH)	DOS (2CH)	STD.P (4CH)	Value	Function
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
			011-100	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