



SHOWLIGHT SL-200T-RGBW LED Zoom Fresnel Light Instruction Manual

[Home](#) » [ShowLight](#) » SHOWLIGHT SL-200T-RGBW LED Zoom Fresnel Light Instruction Manual 

Contents

- [1 SHOWLIGHT SL-200T-RGBW LED Zoom Fresnel Light](#)
- [2 Description of the fixture](#)
- [3 Dimensions](#)
- [4 Wiring Diagram](#)
- [5 Control Board](#)
- [6 Operation](#)
- [7 Illumination Diagram](#)
- [8 DMX Channels](#)
- [9 Technical Specifications](#)
- [10 Documents / Resources](#)
- [11 Related Posts](#)



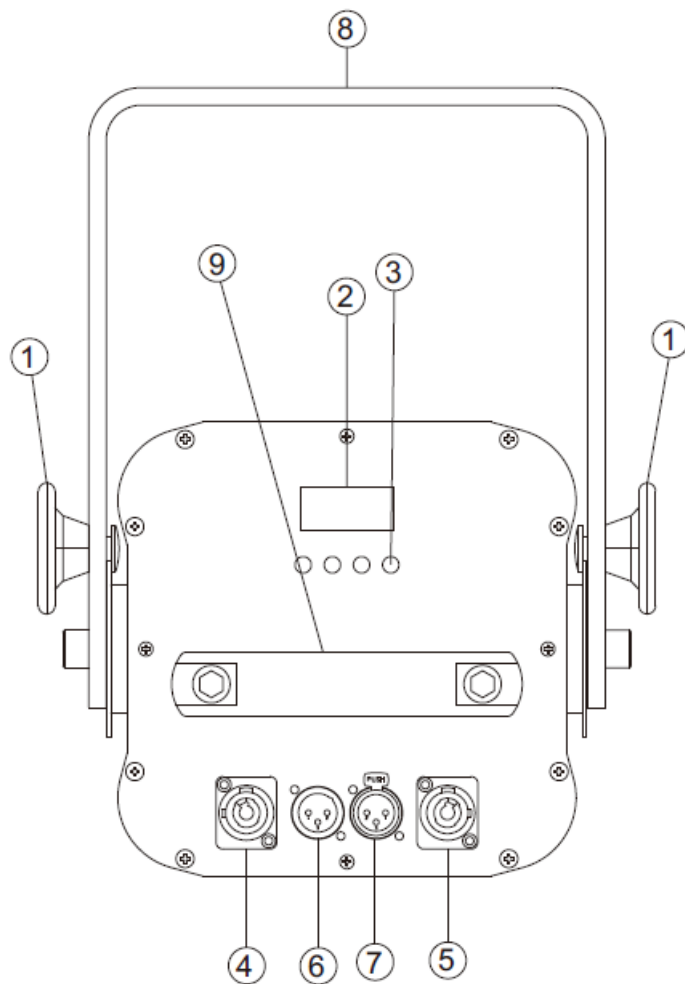
SHOWLIGHT SL-200T-RGBW LED Zoom Fresnel Light



INTRODUCTION

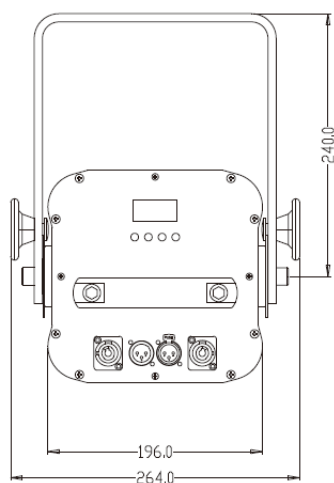
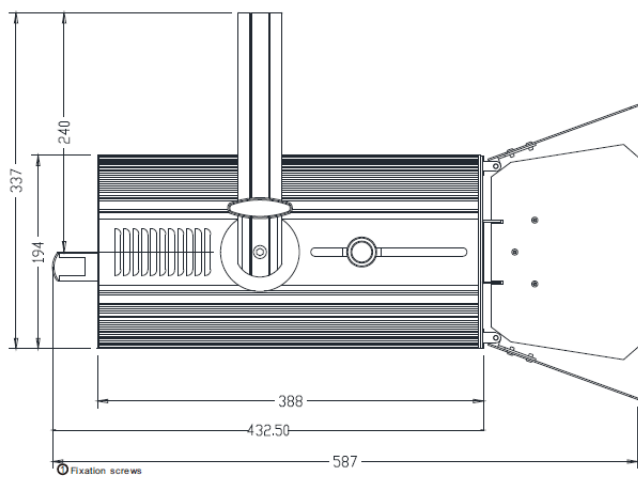
1. Thank you for having chosen a 200T-RGBW LED Zoom Fresnel Light, please read this user manual carefully before you initially start-up.
2. This product is allowed to be operated with an alternating voltage of AC90-240V 50/60Hz and designed for indoor use only.

Description of the fixture



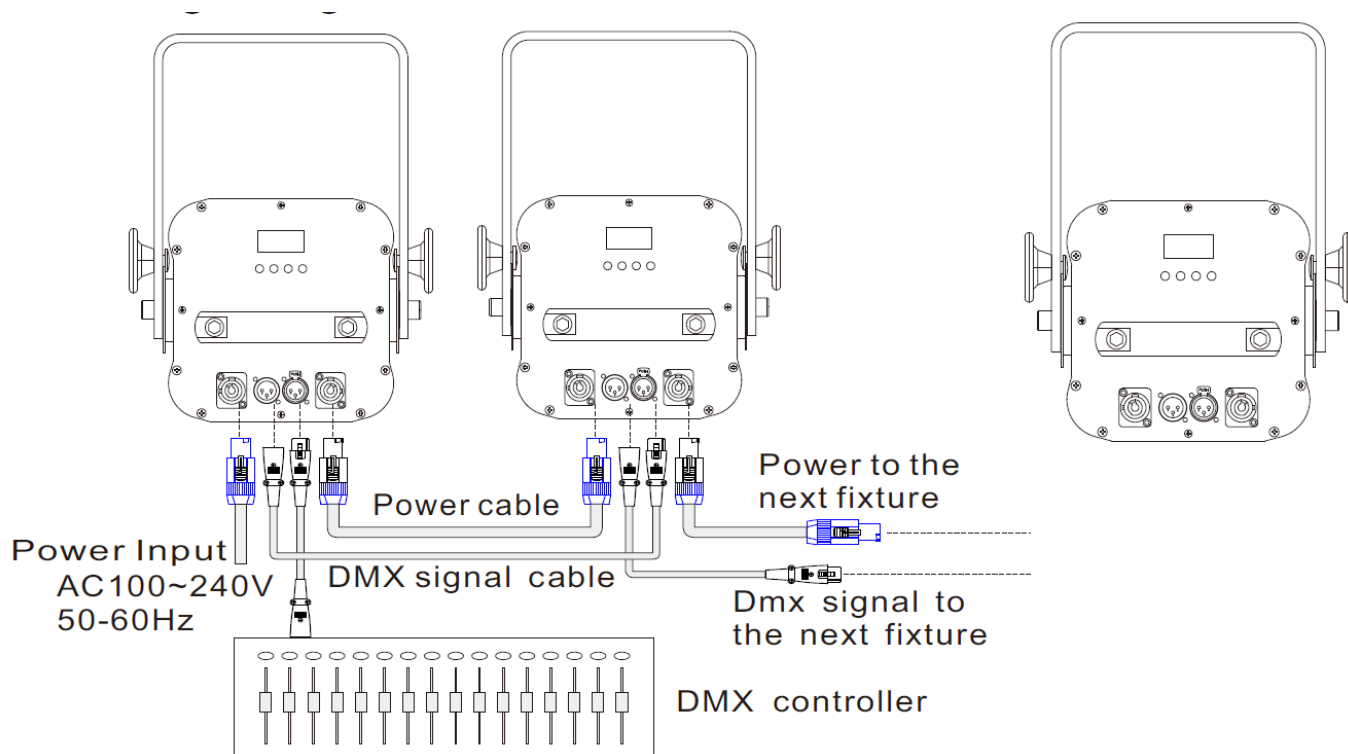
1. Fixation screws
2. LCD Display
3. Function selection knob
4. Power IN
5. Power Out
6. DMX Out
7. DMX IN
8. Installation stand
9. Insulate handle

Dimensions

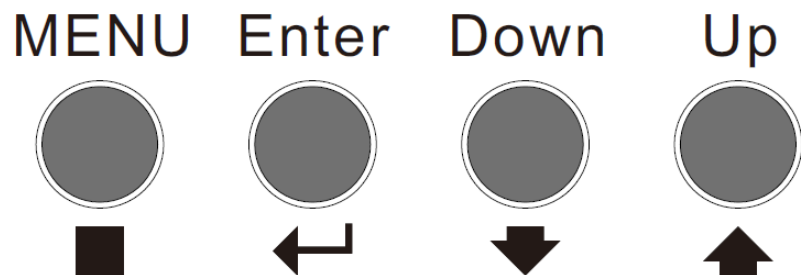
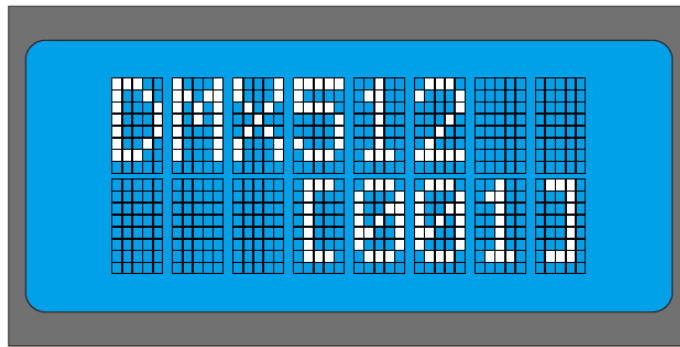


Unit: mm

Wiring Diagram

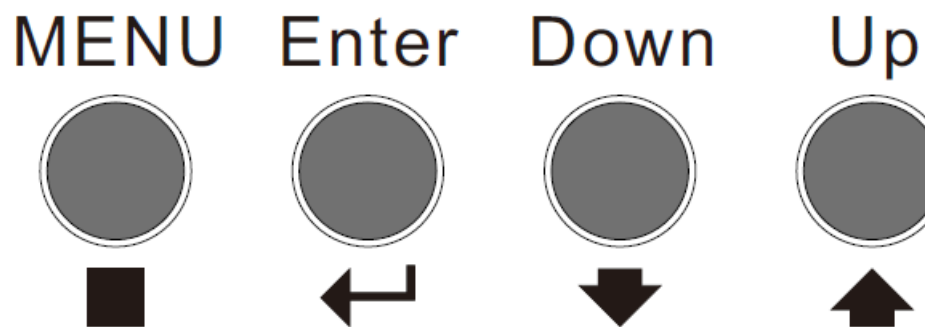
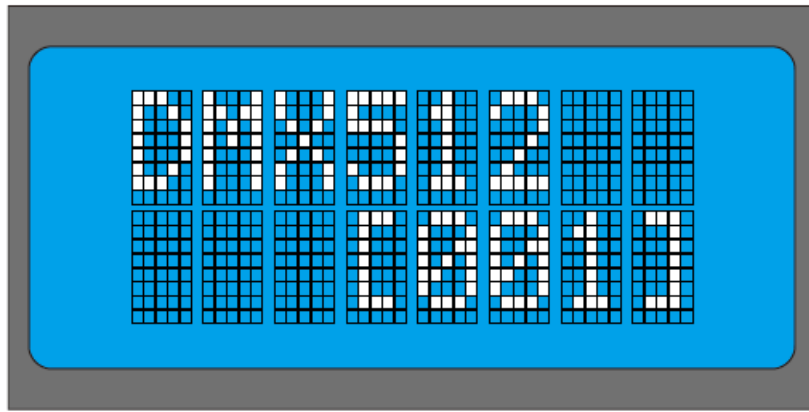


Control Board



- Adjust the key setting function on the control panel
- Press“MENU”—>Display first -level menu—>
Press“Enter”—>Display second-level menu—>
Press“Down”&“Up”to adjust relevant function->
Press“Enter”and“MENU”to quit current menu
Press“Enter”—> To next first-level menu.

Operation



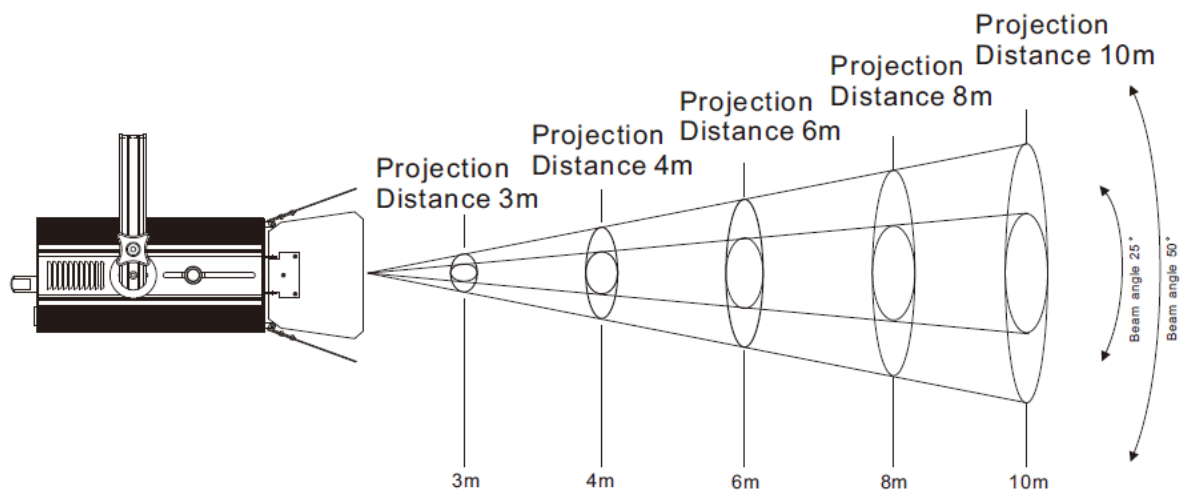
LCD display	Function setting
DMX512 MODE	setting the DMX starting address from 001- 512
Dimmer R- [MODE]	setting the red color brightness 000- 255
Dimmer G- [MODE]	setting the green color brightness 000- 255
Dimmer B- [MODE]	setting the blue color brightness 000- 255
Dimmer W- [MODE]	setting the white color brightness 000- 255
Col_Temp [MODE]	setting the CCT 1800K- 9928K

Dimming [MODE]	Dimming 000- 255
Strobe [MODE]	setting the strobe speed 000- 012
Fade [MODE]	setting the fade speed 000- 012
Auto [MODE]	setting the auto speed 000- 012
CCS [MODE]	correcting function ON- OFF
Channel [MODE]	setting DMX channels 11CH-6CH
PWM Frequency [MODE]	setting PWM frequency 1200Hz-20000Hz

Master/ Slave Setting

1. Set the mast fixture to Dimmer or Strobe
2. Set each slave fixture to the same DMX001(As show below)

Illumination Diagram



Illumination center/Lux	R	680	409	203	122	70	Beam angle 25°
	G	890	523	263	157	95	
	B	1060	392	305	184	110	
	W	1120	610	320	191	115	
Beam Diameter/cm		149	675	240	299	449	Beam angle 50°
Illumination center/Lux	R	220	140	80	50	35	
	G	270	170	95	62	43	
	B	305	185	101	69	50	
	W	300	180	100	70	51	
Beam Diameter/cm		300	378	429	631	946	

DMX Channels

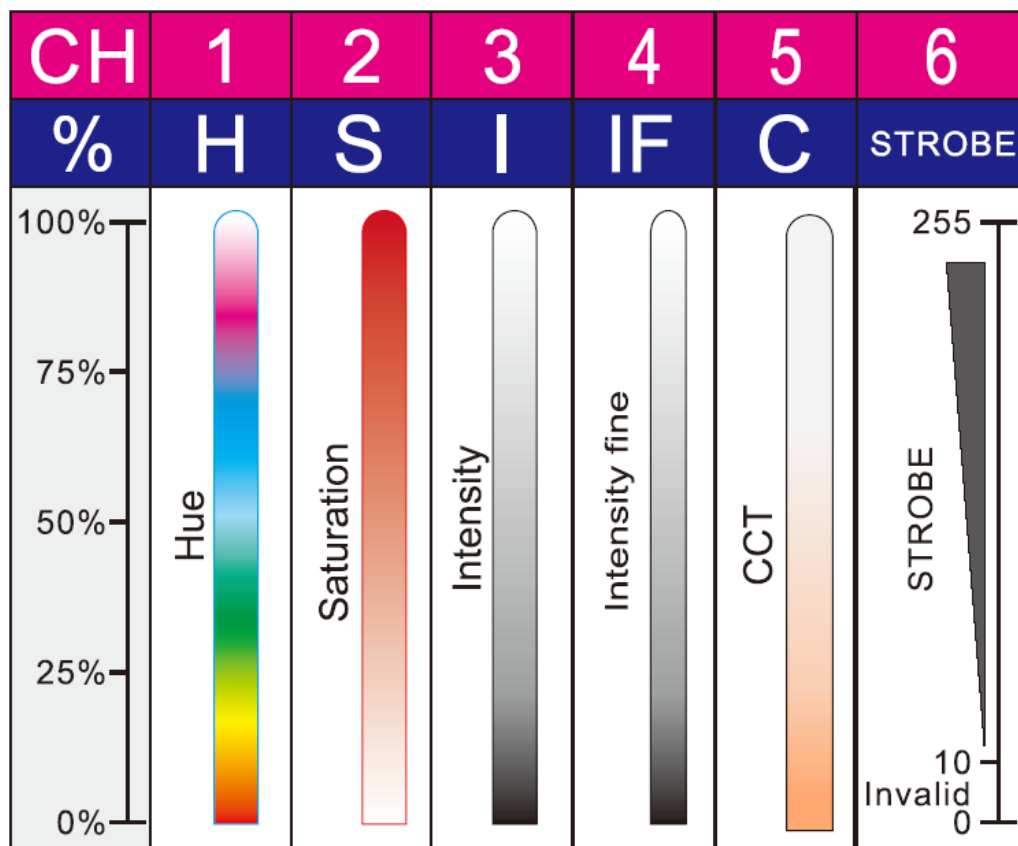
(This fixture has two DMX channel mode options)

11 Channels Function

CH	1	2	3	4	5	6	7	8	9	10	11
%	R	G	B	W	COLOR	CCT	FUNCTION	STROBE	Dim4	DIMMING	Dim fine
100%							255	255	255		
75%							Color Change		Curve4		
50%							135		Curve3		
25%							Color Fad		Curve2		
0%							Invalid	Invalid	Curve1		

channel 1-Red	000-255 levels linear dimming
channel 2-Green	000-255 levels linear dimming
channel 3-Blue	000-255 levels linear dimming
channel 4-White	000-255 levels linear dimming
channel 5-COLOR	000-255 levels RGBW color mixing
channel 6-CCT	000-255 levels linear dimming, CCT 1800K-10000K
channel 7-FUNCTION	000-009 levels without function
	010-127 levels fade function
	128-134 levels without function
	135-255 levels auto function
channel 8-STROBE	000-009 levels without function
	010-255 levels strobe function
channel 9-Dim4	000-063 first-level dimming delay function
	064-127 second-level dimming delay function
	128-191 third-level dimming delay function
	192-255 fourth-level dimming delay function
channel 10-DIMMING	000-255 levels master dimming
channel 11-Dim fine	000-255 levels dimmer fine

HSIC Channels Mode



HSIC Channels Function

channel 1- Hue	000 – 255 levels RGBW color mixing
channel 2- Saturation	000- 255 levels saturation adjustable
channel 3- Intensity	000 – 255 levels master dimming
channel 4- Intensity fine	000 – 255 levels dimmer fine
channel 5- CCT	000 – 255 levels linear dimming,CCT1800K- 10000K
channel 6- STROBE	000 – 009 levels without function
	010 – 255 levels strobe function

Note Color Temperature (CCT) Ratio

DMX levels	CCT DATA	DMX levels	CCT DATA
000↔006	1800 K↔2000 K	131↔137	6000 K↔6200 K
006↔012	2000 K↔2200 K	137↔144	6200 K↔6400 K
012↔018	2200 K↔2400 K	144↔150	6400 K↔6600 K
018↔024	2400 K↔2600 K	150↔156	6600 K↔6800 K
024↔030	2600 K↔2800 K	156↔162	6800 K↔7000 K
030↔036	2800 K↔3000 K	162↔169	7000 K↔7200 K
036↔044	3000 K↔3200 K	169↔175	7200 K↔7400 K

044↔050	3200 K↔3400 K	175↔181	7400 K↔7600 K
050↔056	3400 K↔3600 K	181↔187	7600 K↔7800 K
056↔062	3600 K↔3800 K	187↔194	7800 K↔8000 K
062↔069	3800 K↔4000 K	194↔200	8000 K↔8200 K
069↔075	4000 K↔4200 K	200↔206	8200 K↔8400 K
075↔081	4200 K↔4400 K	206↔212	8400 K↔8600 K
081↔087	4400 K↔4600 K	212↔219	8600 K↔8800 K
087↔094	4600 K↔4800 K	219↔225	8800 K↔9000 K
094↔100	4800 K↔5000 K	225↔231	9000 K↔9200 K
100↔106	5000 K↔5200 K	231↔237	9200 K↔9400 K
106↔112	5200 K↔5400 K	237↔244	9400 K↔9600 K

112↔119	5400 K↔5600 K	244↔250	9600 K↔9800 K
119↔125	5600 K↔5800 K	250↔255	9800 K↔10000 K
125↔131	5800 K↔6000 K		

Technical Specifications

LED Source	COB 200W LED 4 IN 1, RGBW
Beam Angle	Beam angle 25-50° with high- efficiency optical system
Control	1.DMX512 2. RDM 3.Master/ Slave Operation
DMX Channels	11CH/6CH
Connection	PowerCON IN & OUT; 3- Pin DMX In& Out(5 – Pin DMX available)
Voltage	Electronic full- range AC 100-240V 50/60Hz
Working Temperature	Indoor,IP20.
	– 20°C- 40°C - 4°F- 104°F)
Power Consumption	180W
Dimensions (LxWxH)	58.7X26.4X19.4cm
Weight	7.25Kg

Please Note

1. Dimming, Brightness Function

Before using the fixture,you should check whether (Dimming, brightness function) is turned on , As shown in figure①;the factory setting is on .This function should be checked when the fixture does not turn on when the lamp is turned on.It is not affected by this function

Dimming
[255]

①

2. ColorTemp

Master/Slave Mode, Colortemp(CCT)adjustable from 1800K to 9928K As show below①② factory setting as below 3.

(If the Colortemp function is enabled, the R G B W function cannot be used alone.

If you want to use the RGBW function alone, you must turn off Colortemp).

ColorTemp [MODE]
≥ 1800K
TEMPERATURE 28℃

①

ColorTemp [MODE]
≥ 9928K
TEMPERATURE 28℃

②

ColorTemp [MODE]
≥ OFF
TEMPERATURE 28℃

③

3. CCS Color Calibration System

If more than two fixtures have different output colors, check that the whether correcting settings for each fixture are consistent, as show below ①,Factory setting:ON.

CCS
[ON]

①

4. Channels Function

This fixture has 6-channel mode and 11-channel mode selection. In DMX512 mode, If more than two fixtures have different settings, check whether the channel functions are consistent. as show below ①②,Factory setting[11CH].

CHANNEL [MODE]
≥ 11CH
TEMPERATURE 28℃

Fixture①

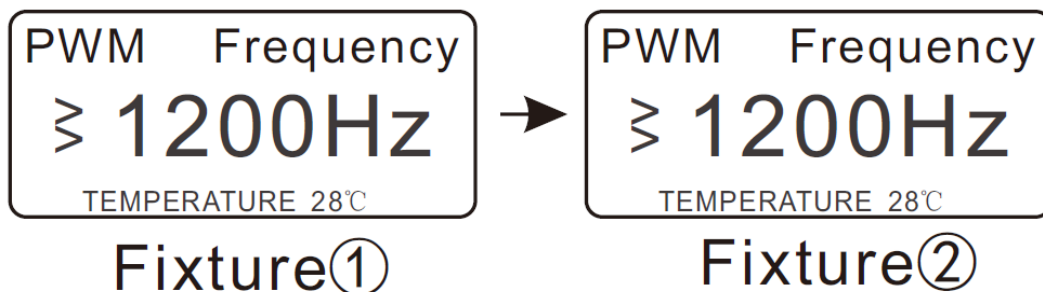


CHANNEL [MODE]
≥ 11CH
TEMPERATURE 28℃

Fixture②

5. PWM Function

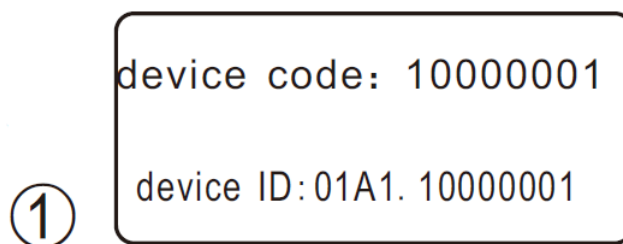
In DMX Master/Slave mode If the dimming smoothness and color output are different on more than two fixtures, check that whether the PWM settings are consistent. as show below ①②,Factory setting[1200Hz].



6. RDM Function

If use the RDM function, that must use the console to search each fixture and change the fixture address code in the DMX 512 mode.

Identification Code: each fixture has an identification code as show below① , the identification code of each fixture is different , Please check he fixture label.



7. DMX512 Function

In D M X mode, the LED display is normal when there is no DMX5 1 2 signal input, and the LED display is lights up when the DMX5 1 2 signal is input

Documents / Resources

	SHOWLIGHT SL-200T-RGBW LED Zoom Fresnel Light [pdf] Instruction Manual SL-200T-RGBW, LED Zoom Fresnel Light, Fresnel Light, LED Zoom Light, Light
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