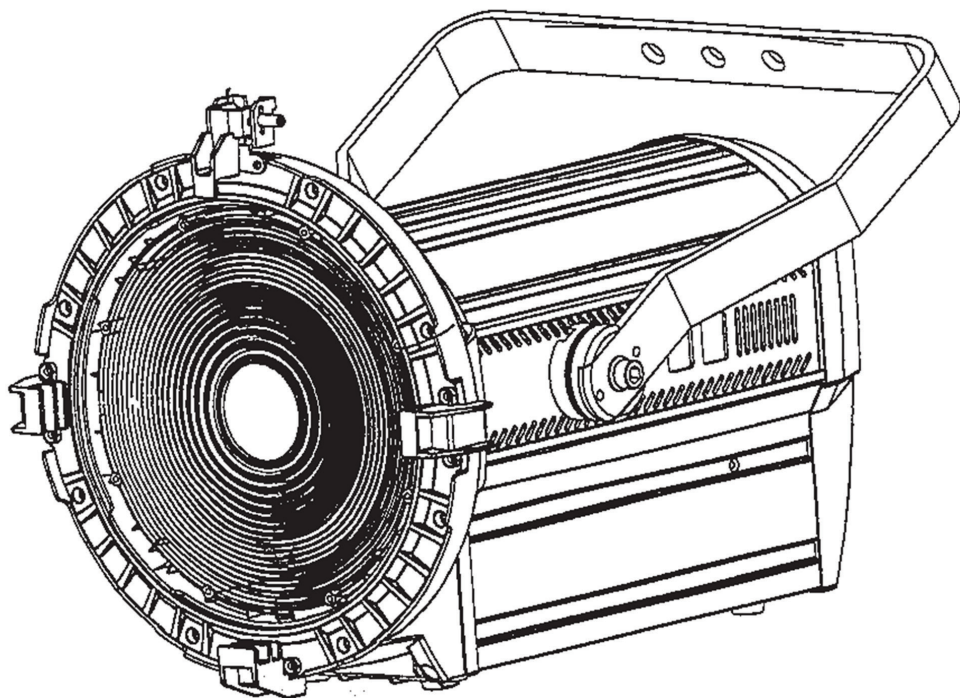


SHOWPRO

LED Fresnel W/W HP HD

USER MANUAL

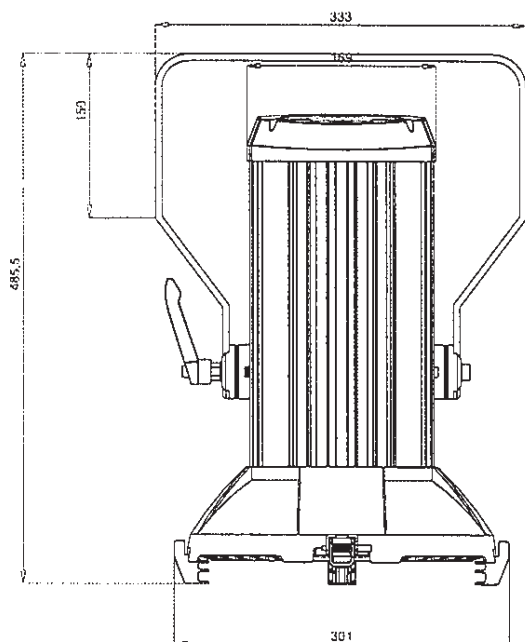
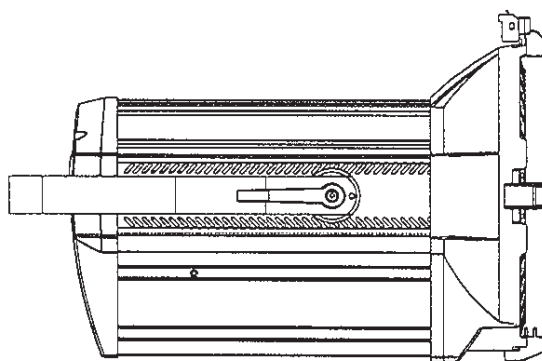
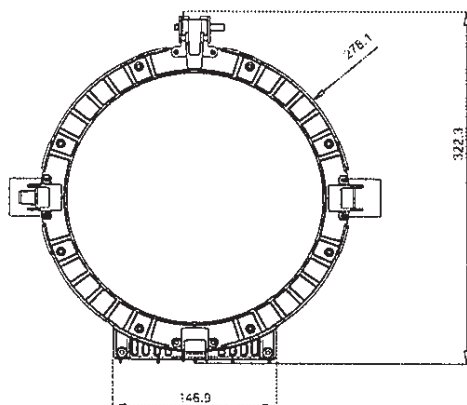
LEDFRE123



1 PRODUCT SPECIFICATIONS

1.1 PRODUCT SPECIFICATIONS

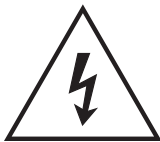
- ◆ Voltage: 100V-240V~ , 50/60Hz
- ◆ Max Power:300W
- ◆ Size:485X333X322MM
- ◆ Weight:7.8kg



1.2 SAFETY WARNING

IMPORTANT:

- This product must be installed by a qualified professional.
- All maintenance must be carried out by a qualified electrician.
- A minimum distance of 0.5m must be maintained between the equipment and a combustible surface.
- The product must always be operated in a well ventilated area.
- DO NOT stare directly into the LED light source.
- Always disconnect the power before carrying out any maintenance.
- The earth must always be connected to the ground.
- Ensure that all parts of the equipment are kept clean and free of dust.
- A minimum distance of 0.8m must be maintained between the light and projecting surface
- Do not open the fixture or remove any cover. Refer any service operation not described in this manual to an authorized Show Technology Service Centre



Caution, risk of electric shock
The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

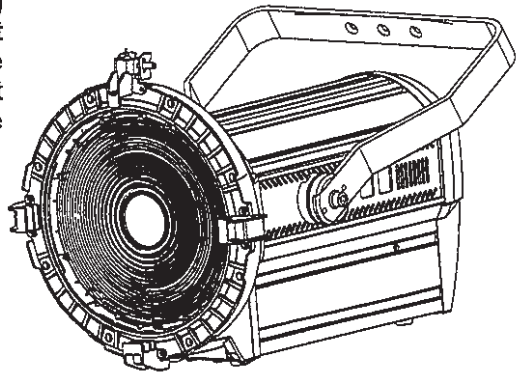
2 INSTALLATION

2.1 MOUNTING

HANGING

The LED fixture can be mounted in a hanging position using the supporting bracket. The bracket should be secured to the mounting truss or structure using a standard mounting clamp. Please note that when hanging the unit a safety cable should also be used.

Contact your ShowPRO supplier for assistance if you have any questions about how to install this product safely.



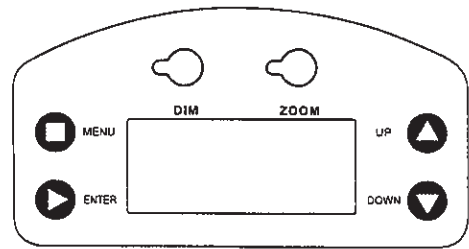
2.2 POWER CONNECTIONS

- 220~240V: 8 units may be connected in series
- 110~120V: 4 units may be connected in series

3 DISPLAY PANEL OPERATION

3.1 DISPLAY OPERATION

- 【 **MENU** 】 return to the previous menu.
- 【 **ENTER** 】 enter the currently selected menu.
- 【 **UP** 】 scroll down through the current menu list or decrease the value of the current function.
- 【 **DOWN** 】 scroll up through the current menu list or increase the value of the current function.



QUICK-ACCESS KEYS

【MENU】 By press and holding the 【MENU】 key when at the main menu it is possible to directly access the 【DIM】 function

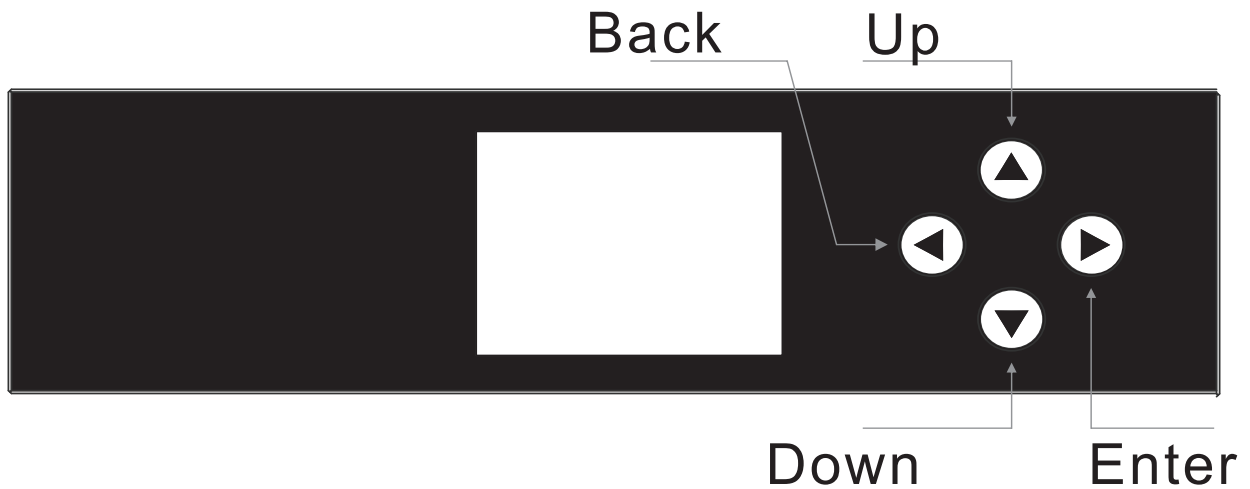
3.2 CONTROL KNOB

- . DIMMER
- . ZOOM

Notes:

- Press the adjusting button (any one) twice, the fixture will be in STAT mode;
- Press the DIMMER button, DIM shows in the menu, the value range is 0—100%;
- Press ZOOM button, value range 0—100% appears

DISPLAY OPERATION



Ÿ <UP> Scroll 'UP' through the menu list or increase the value of the current function.

Ÿ <DOWN> Scroll 'DOWN' through the menu list or decrease the value of the current function.

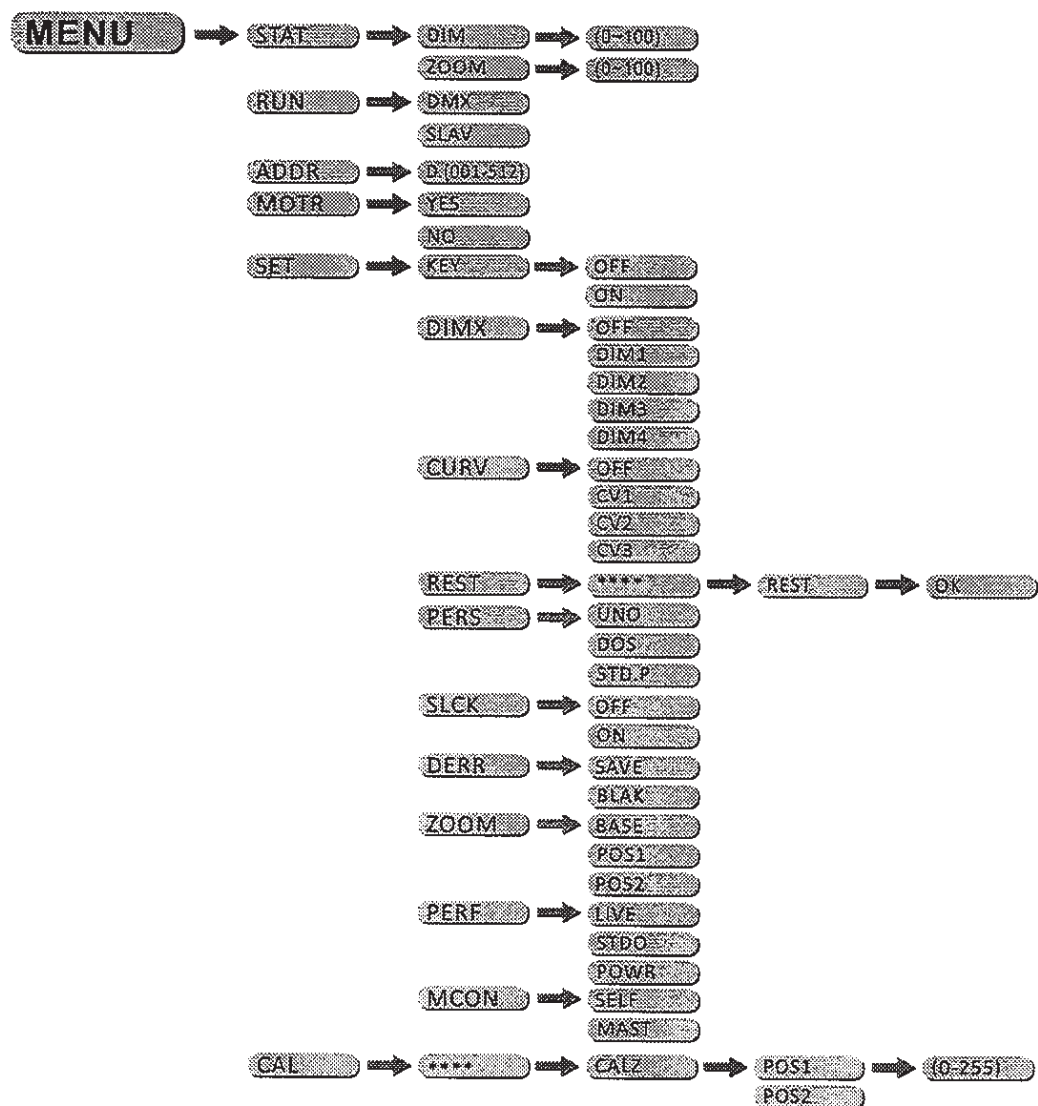
Ÿ <BACK> Scroll through the main menu or exit current function.

Ÿ <ENTER> Enter the currently selected menu or confirm the current function value.

Ÿ To Unlock (Wake) the display:

1. Keep pressing BACK around 5 seconds, until the display shows password prompt
2. Press "<UP> <DOWN><UP><DOWN><ENTER>" to unlock.

3.3 MENU MAP



3.4 DIMMER (STAT)



- [DIM]...to adjust level of intensity
- [ZOOM]...to adjust the zoom position

Note: When using this function, if the [MCON] menu is set as [MAST], then the fixture will transfer the [DIM] values to other fixtures. ii) When DMX data is received at the fixture, it will automatically return to main menu after 2 minutes of no key operation.

3.5 RUN MODE



- [RUN]...this menu allows the user to select the operating mode of the fixture. Select [DMX] for normal DMX operation or [SLAV] for slave operation.

3.6 DMX ADDRESS



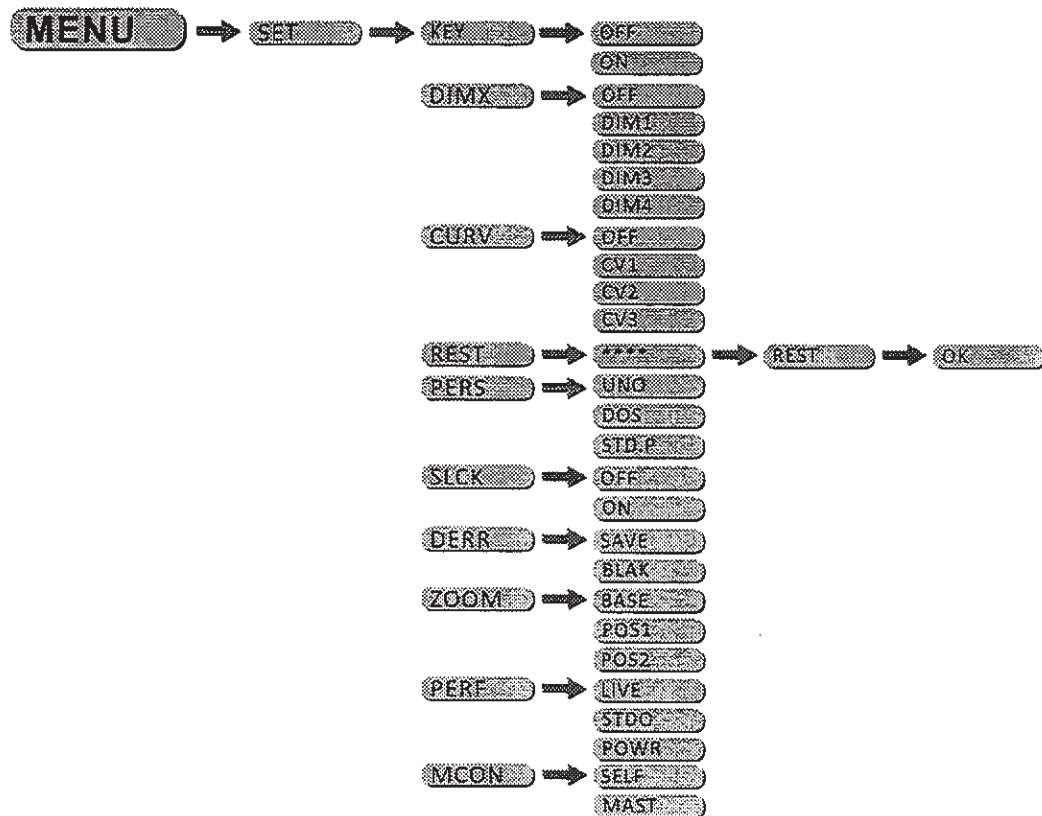
- [ADDR]...this menu allows the user to select the start address of the fixture. Use <UP> or <DOWN> keys to select required start address.

3.7 Motor reset(MOTR)



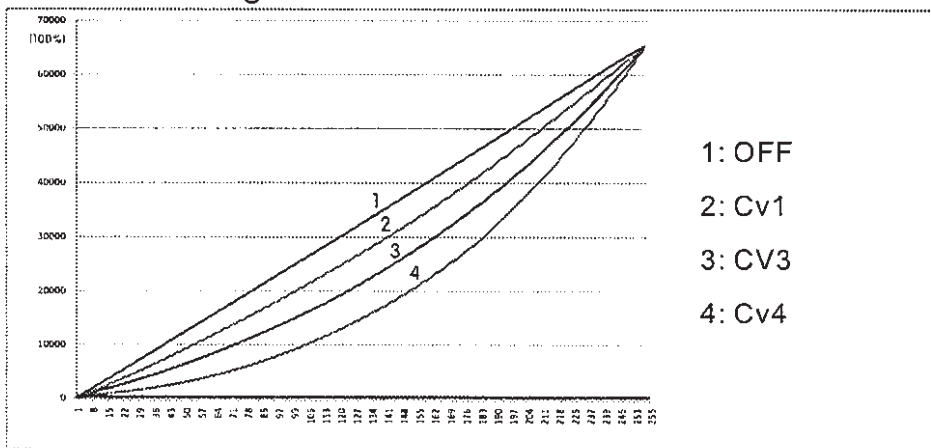
- Press ENTER to enter < MOTR >
- Press UP/DOWN and select <YES> or <NO>
- When you select < YES > and press ENTER, the motor will be reset to origin
- When you select <NO>, and press ENTER, no control.

3.8 SPECIAL SETTINGS



- [SET]...this menu allows the user to adjust key operation settings for this fixture.
[KEY]...select [ON] for automatic lock-out. Password to re-enter the display is <UP> + <DOWN> + <UP> + <DOWN>.
- Select [DIM1], [DIM2], [DIM3] or [DIM4] for different dimming speeds. ([DIM4] is the slowest dimming speed)
- [CURV] allows the user to adjust the shape of the dimming curve. See the CURV chart to Understand more about actual dimming curves.
- In order to reset custom modes to default values select [REST] .
- [PERS]...this setting allows the user to select the DMX personality of the fixture. Refer to DMX personality charts for specific details.
- [SLCK] is used to lock the settings menu. When [SLCK] is set to [ON] then user must insert passcode (UP+DOWN+UP+DOWN) in order to access the settings menu.
- [DERR] Choose[Save] in order to save the last DMX data in case of DMX signal error.
Choose[Black] in order to blackout in case of DMX signal error.
- <ZOOM> is for setting zoom, press UP/DOWN to select. <BASE> is standard setting;
<POS1> is zoom setting 1; <POS2> is zoom setting 2. Press MENU to get back, and the Setting is saved automatically.
- [PERF] this setting allows the user to select the performance characteristics of the fixture.
- [MCON]...this function allows the user to select whether the fixture will send DMX data to other fixtures during stand-alone operation. The [MAST] setting allows data to be sent to Other fixtures. The [SELF] setting is default and will not send DMX data to other fixtures.

CURV dimming



3.9 WHITES CALIBRATION(CAL)



- Enter the [CAL] to select white color of different color temperature.
- Select the [ZOOM] range. [POS1] & [POS2] set the small position for the zoom function. Note that when using DMX to control the fixture, the user will only be able to access up to the set ZOOM position. It is not possible to adjust beyond the set position.

4 USING A DMX512 CONTROLLER

4.1 CHANNEL ASSIGNMENT

- Note: This product have two DMX512 channel configuration:
【 UNO 】 / 【 DOS 】 / 【 STD.P 】

UNO

CHANNEL	VALUE	FUNCTION
1	0 ⇔ 255	DIMMER

DOS

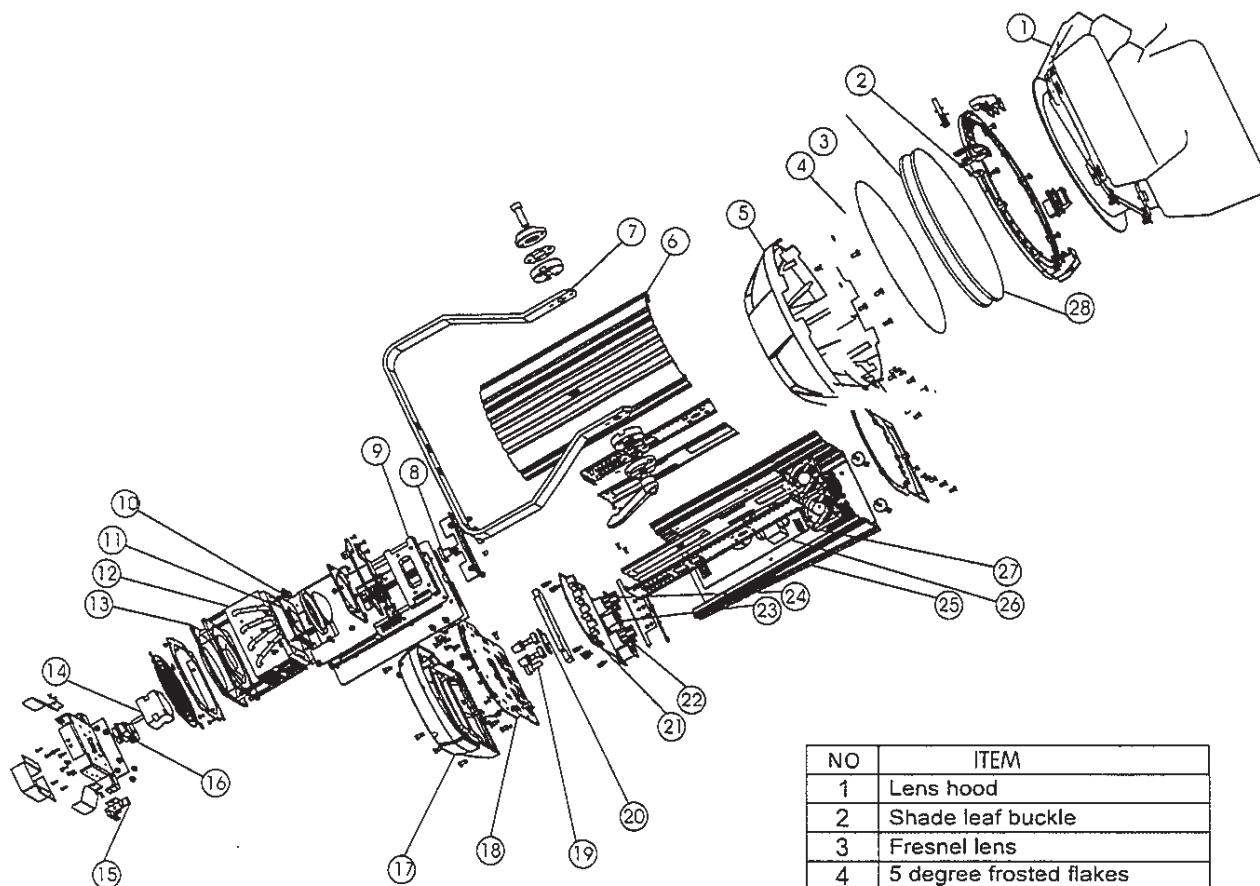
CHANNEL	VALUE	FUNCTION
1	0 ⇔ 255	DIMMER
2	0 ⇔ 255	FINE DIMMER

STD.P

CHANNEL	VALUE	FUNCTION
1	0 ⇔ 255	DIMMER
2	0 ⇔ 255	FINE DIMMER
3	0 ⇔ 9	No strobe
	10 ⇔ 99	Strobe (slow to fast)
	100 ⇔ 109	No strobe
	110 ⇔ 179	Lightning strobe (slow to fast)
	180 ⇔ 189	No strobe
	190 ⇔ 255	Random strobe (slow to fast)
4	0 ⇔ 255	Focus
5	0 ⇔ 200	NO FUNCTION
	201 ⇔ 220	Motor reset
	221 ⇔ 255	NO FUNCTION

5 APPENDIX

5.1 PARTS DIAGRAM



NO	ITEM
1	Lens hood
2	Shade leaf buckle
3	Fresnel lens
4	5 degree frosted flakes
5	Head front cover
6	Head pull aluminum
7	Hanging bracket
8	Long tooth transmission rod assembly
9	Slide block
10	Thermal switch
11	LED board
12	Heat sink
13	Fan
14	Stepping motor
15	Magnetic stopper sensor
16	Tilt belt
17	Back cover
18	Rear plate
19	Fuse
20	Control board
21	Driver board
22	Adaptor PCB
23	PS socket (male)
24	PS socket (male)
25	Pull aluminum
26	Power Supply (PS)
27	Fan
28	Dust cover