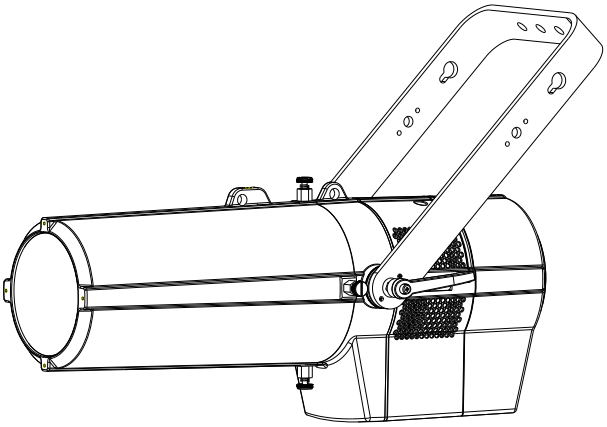
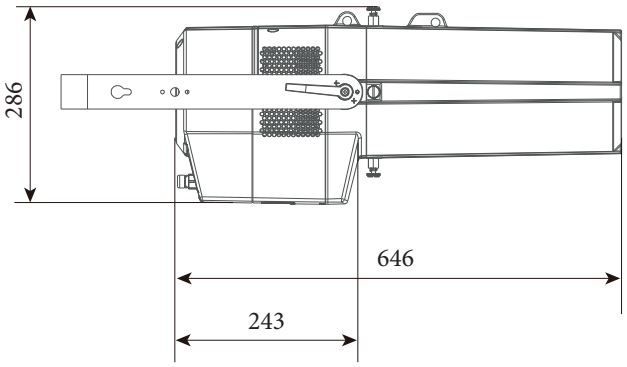
FLORIS GOBO M
User manual

1. The **luminaire** shall be installed by a qualified electrician and wired in accordance with the latess IEE electrical regulations or the national requirements.
2. No supplied water-proof box, installation should be adviced by qualified professional.
3. The external flexible cable can not be replaced. If the cable is damaged, the luminaire should be discarded.

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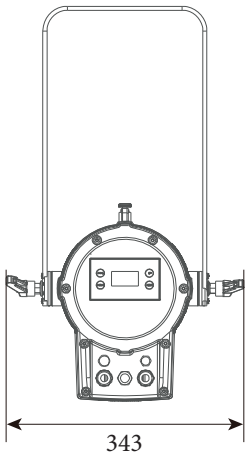
243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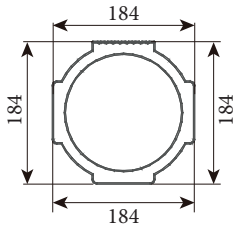
184
184
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184

1.2 Safety warning

IMPORTANT

Always read the user manual before operation.

Please confirm that the power supply stated on the product is the same as the mains power supply in your area.

- This product must be installed by a qualified professional.
- Always operate the equipment as described in the user manual.
- A minimum distance of 0.5m must be maintained between the equipment and combustible surface.
- The product must always be placed in a well ventilated area.
- Always make sure that the equipment is installed securely.
- Do not stand close to the equipment and stare directly into the LED light source.
- Always disconnect the power supply before attempting and maintenance.
- Always make sure that the supporting structure is solid and can support the combined weight of the products.
- The earth wire must always be connected to the ground.
- Do not touch the power cables if your hands are wet.

ATTENTION

⚠ ATTENTION ⚠

- This product left the place of manufacture in perfect condition. In order to maintain this condition and for safe operation, the user must always follow the instructions and safety warnings described in this user manual.
- Avoid shaking or strong impacts to any part of the equipment.
- Make sure that all parts of the equipment are kept clean and free of dust.
- Always make sure that the power connections are connected correct and secure.
- If there is any malfunction of the equipment, contact your distributor immediately.
- When transferring the product, it is advisable to use the original packaging in which the product left the factory.
- Shields, lenses or ultraviolet screens shall be changed if they have become damaged to such an extent that their effectiveness is impaired.
- The lamp (LED) shall be changed if it has become damaged or thermally deformed.

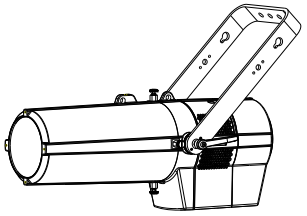
Caution, risk of electric shock
The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.

2 Installation

2.1 Mounting

The fixture can be mounted in any position. Always ensure that mounting surface can withstand 10 times the weight of the fixture.

Always use a safety cable when mounting the fixture in any elevated position.



UPRIGHT

Important safety note!!
Always use a safety cable when installing this unit!!
Be sure that the safety cable is connected to a solid load-bearing structure.

2.2 Power connections

This product uses input and output power cable is 1.5 square mm copper wire
Note:

If the signal cable is over 60m between the DMX512 controller and fixture or beween two fixtures, then a DMX signal amplifier is needed as well.

2.3 The control station setting of connecting DMX512

The DMX console and the lamp body are connected in series.

Because the Std.P MODE is five channels, the address code of the lamp increases by 5 times such as(1,6,11,16...),also each it can be reused as needed.

The DMX address code can be any value between 001and 512.

CHANNEL	VALUE	FUNCTION
CH.14	**CCT**	
	000 ⇔ 010	NO FUNCTION
	011 ⇔ 030	2700K
	031 ⇔ 050	3000K
	051 ⇔ 070	3200K
	071 ⇔ 090	3500K
	091 ⇔ 110	4000K
	111 ⇔ 130	4200K
	131 ⇔ 150	4500K
	151 ⇔ 170	5600K
	171 ⇔ 190	6000K
	191 ⇔ 210	6500K
	211 ⇔ 230	7200K
	231 ⇔ 255	8000K
CH.15	**STROBE**	
	000 ⇔ 009	NO FUNCTION
	010⇔099	STROBE FROM SLOD TO FAST (0-25Hz)
	100⇔109	NO FUNCTION
	110⇔179	THUNDER STROBE
	180⇔189	NO FUNCTION
	190⇔255	RANDOM STROBE
CH.16	**CONTROL**	
	000⇔009	NO FUNCTION
	010⇔034	LIVE
	035⇔059	STUDIO
	060⇔084	POWER
	085⇔109	OFF
	110⇔134	DIM 1
	135⇔159	DIM 2
	160⇔184	DIM 3
	185⇔209	DIM 4

COLOR MODE 16BIT

CHANNEL	VALUE	FUNCTION
CH .1	000 ⇔255	DIMME
CH .2	000 ⇔ 255	DIMMER FINE
CH .3	000 ⇔ 255	RED
CH .4	000 ⇔ 255	RED FINE
CH .5	000 ⇔ 255	GREEN
CH .6	000 ⇔ 255	GREEN FINE
CH .7	000 ⇔ 255	BLUE
CH .8	000 ⇔ 255	BLUE FINE
CH .9	000 ⇔ 255	AMBER
CH .10	000 ⇔ 255	AMBER FINE
CH .11	000 ⇔ 255	LIME
CH .12	000 ⇔ 255	LIME FINE
CH .13	**PRESET COLOR**	
	000 ⇔ 010	NO FUNCTION
	011 ⇔ 020	L106
	021 ⇔ 030	R05
	031 ⇔ 040	L194
	041 ⇔ 050	R54
	051 ⇔ 060	L019
	061 ⇔ 070	R08
	071 ⇔ 080	R89
	081 ⇔ 090	R86
	091 ⇔ 100	L213
	101 ⇔ 110	R377
	111 ⇔ 120	R80
	121 ⇔ 130	L202
	131 ⇔ 140	L328
	141 ⇔ 150	R3314
	151 ⇔ 160	L101
	161 ⇔ 170	L768
	171 ⇔ 255	NO FUNCTION

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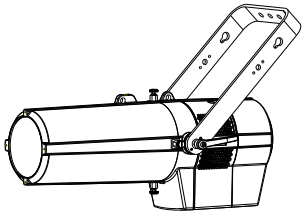

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2.2 Power connections

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2.3 The control station setting of connecting DMX512

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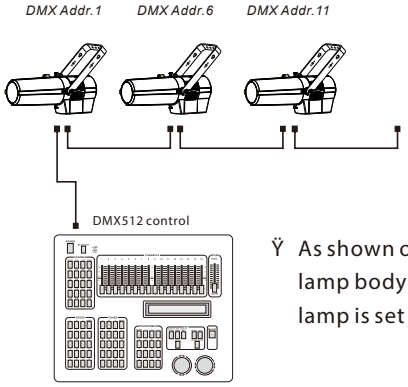
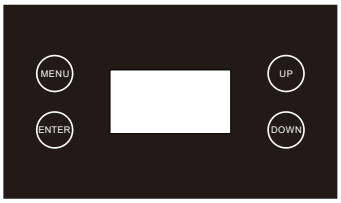
The DMX address code can be any value between 001and 512.



Ÿ As shown on the right, the controller is connected to the lamp body in series, the DMX address code for the first lamp is set to 1, and second unit is set to 6, and so on.

3 Display panel operation

3.1 Display operation



Ÿ MENU：Back

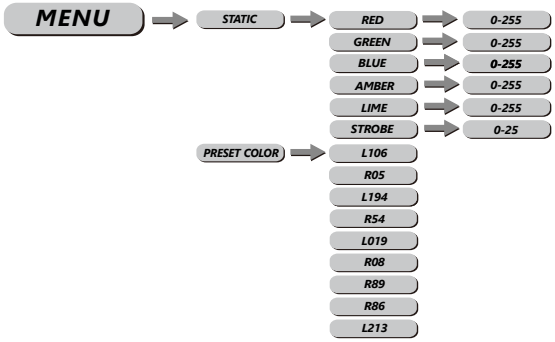
Ÿ ENTER：Save

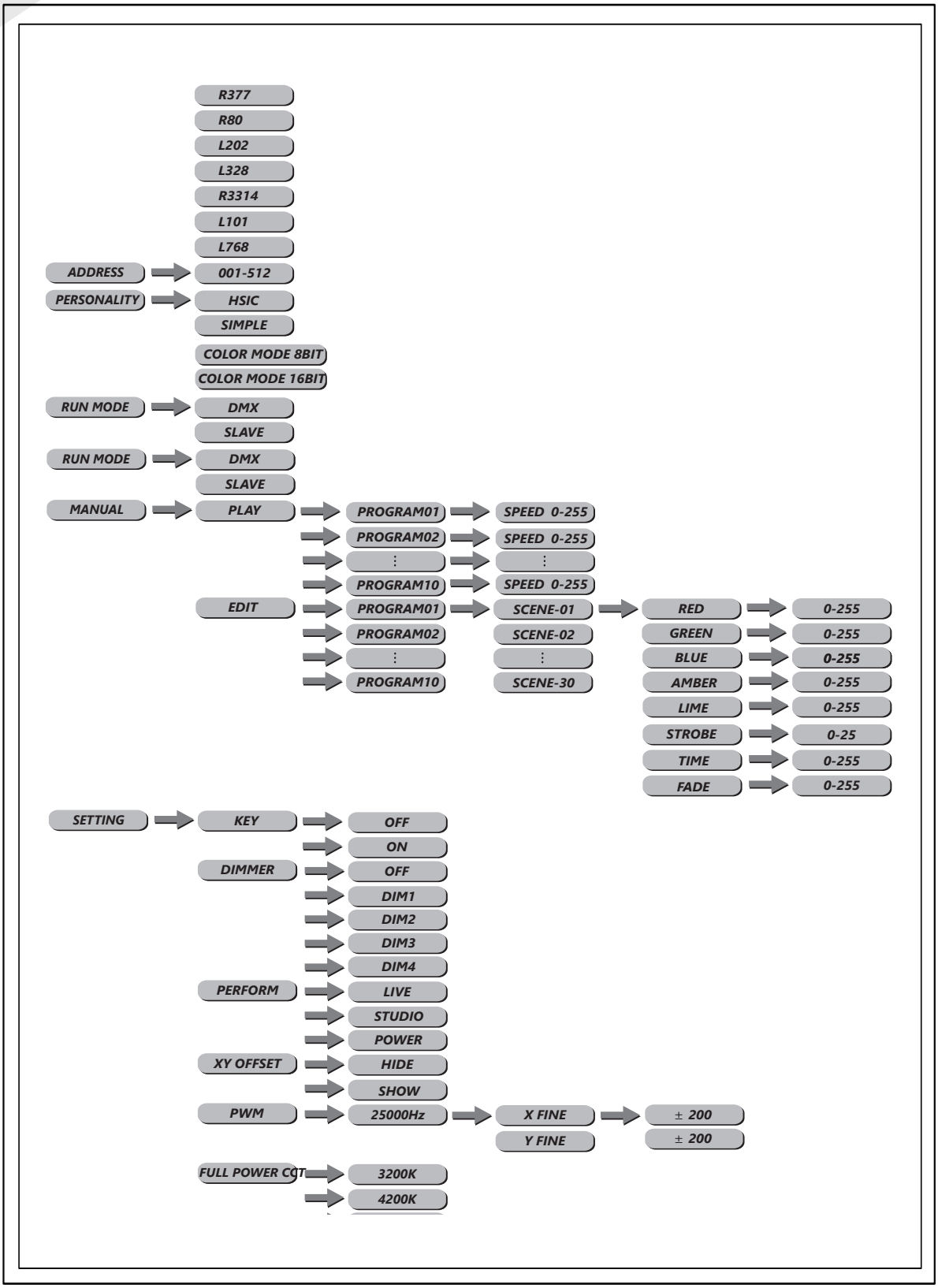
Ÿ UP：Direction up

Ÿ DOWN：Direction down

Ÿ Add waterproof screen design, need to press 5 seconds to enter the menu

3.2 Me nu



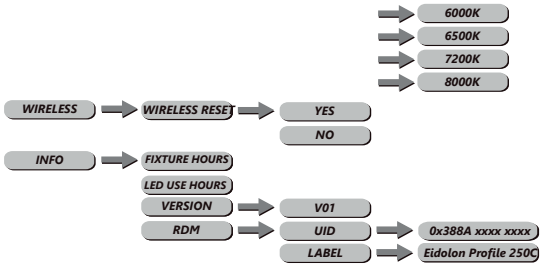

R377
R80
L202
L328
R3314
L101
L768
ADDRESS
001-512
PERSONALITY
HSIC
SIMPLE
COLOR MODE 8BIT
COLOR MODE 16BIT
RUN MODE
DMX
SLAVE
RUN MODE
DMX
SLAVE
MANUAL
PLAY
PROGRAM01
SPEED 0-255
PROGRAM02
SPEED 0-255
PROGRAM10
SPEED 0-255
EDIT
PROGRAM01
SCENE-01
RED
0-255
GREEN
0-255
BLUE
0-255
AMBER
0-255
LIME
0-255
STROBE
0-25
TIME
0-255
FADE
0-255
PROGRAM02
SCENE-02
PROGRAM10
SCENE-30
SETTING
KEY
OFF
ON
DIMMER
OFF
DIM1
DIM2
DIM3
DIM4
PERFORM
LIVE
STUDIO
POWER
XY OFFSET
HIDE
SHOW
PWM
25000Hz
X FINE
± 200
Y FINE
± 200
FULL POWER CCT
3200K
4200K

CHANNEL	VALUE	FUNCTION
CH .8	**CCT**	
	000 ⇔ 010	NO FUNCTION
	011 ⇔ 030	2700K
	031 ⇔ 050	3000K
	051 ⇔ 070	3200K
	071 ⇔ 090	3500K
	091 ⇔ 110	4000K
	111 ⇔ 130	4200K
	131 ⇔ 150	4500K
	151 ⇔ 170	5600K
	171 ⇔ 190	6000K
	191 ⇔ 210	6500K
	211 ⇔ 230	7200K
	231 ⇔ 255	8000K
CH .9	**STROBE**	
	000 ⇔ 009	NO FUNCTION
	010 ⇔099	STROBE FROM SLOD TO FAST (0-25Hz)
	100 ⇔109	NO FUNCTION
	110 ⇔179	THUNDER STROBE
	180 ⇔189	NO FUNCTION
	190 ⇔255	RANDOM STROBE
CH .10	**CONTROL**	
	000⇔009	NO FUNCTION
	010⇔034	LIVE
	035⇔059	STUDIO
	060⇔084	POWER
	085⇔109	DIM0
	110⇔134	DIM1
	135⇔159	DIM2
	160⇔184	DIM3
	185⇔209	DIM4

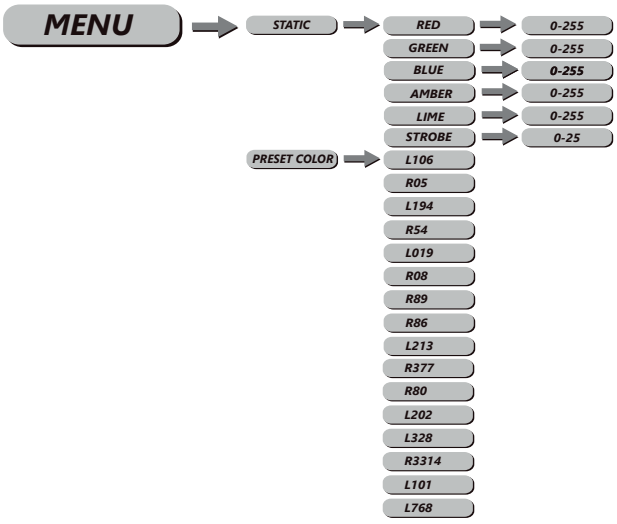
CHANNEL	VALUE	FUNCTION
CH .8	110 ⇔134	DIM1
	135 ⇔159	DIM2
	160 ⇔184	DIM3
	185 ⇔209	DIM4
	210 ⇔234	NO FUNCTION
	235 ⇔255	NO FUNCTION

COLOR MODE 8BIT

CHANNEL	VALUE	FUNCTION
CH .1	000 ⇔255	DIMME
CH .2	000 ⇔ 255	RED
CH .3	000 ⇔ 255	GREEN
CH .4	000 ⇔ 255	BLUE
CH .5	000 ⇔ 255	AMBER
CH .6	000 ⇔ 255	LIME
CH .7	**PRESET COLOR**	
	000 ⇔ 010	NO FUNCTION
	011 ⇔ 020	L106
	021 ⇔ 030	R05
	031 ⇔ 040	L194
	041 ⇔ 050	R54
	051 ⇔ 060	L019
	061 ⇔ 070	R08
	071 ⇔ 080	R89
	081 ⇔ 090	R86
	091 ⇔ 100	L213
	101 ⇔ 110	R377
	111 ⇔ 120	R80
	121 ⇔ 130	L202
	131 ⇔ 140	L328



3.3 STATIC



Ÿ Enter the STATIC mode to create the programs

Ÿ Combine RED/ GREEN/BLUE/AMBER/LIME/ZOOM/FOCUS/GOBO/STROBE to create a definite range of colors , Push up and down buttons adjust 0- 255 value ,Set value of the STROBE,Push up and down buttons adjust 0-20Hz value

Ÿ The static setting will be valid when the fixture is powered again.

3.4 DMX Address

- Enterthe【DMX】modetosettheDMXaddress.
- EnterUp/Downselect【1~512】 address.
- Enter【MENU】return.

Ÿ 【SET】...This menu allows the user to adjust key operation settings for this fixture.

Ÿ 【KEY】 ... select [ON] for automatic lock-out. Password to re-enter the display is <UP>+ <DOWN> + <UP> + <DOWN>.

Ÿ 【DIMMER】is a non-linear DIMMER speed setting, <OFF> is a normal linear dimming, Select [DIM1]、 [DIM2]、 [DIM3] or [DIM4] for different dimming speeds. ([DIM4] is the slowest dimming speed).

Ÿ 【PERFORM】menu, select【LIVE/STUDIO/POWER】as required fan speed.

Ÿ 【XY OFFSET】is the setting to hide the fine adjustment of the refresh frequency, select, 【SHOW】as not hidden, select【HIDE】as hidden, The default setting is【HIDE】.

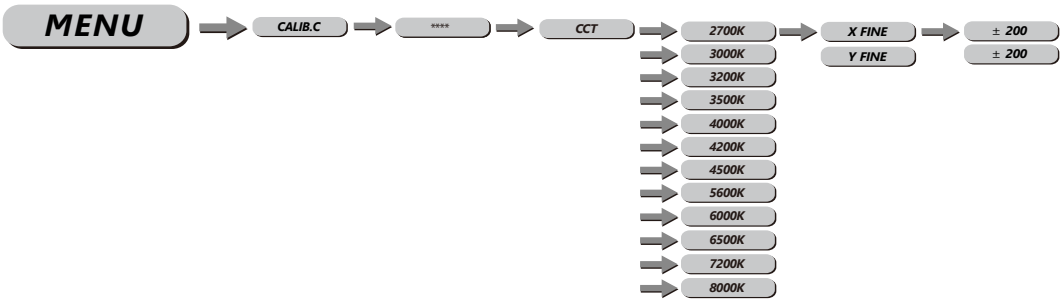
Ÿ 【PWM】 is the PWM refresh frequency selection. When the [XY OFFSET] option is SHOW, the PWM submenu can set X FINE and Y FINE tuning options. (Note: as the refresh frequency increases, the gray scale level of the dimmer will decrease (i.e. the higher the refresh frequency, the less gray it will be).

Ÿ 【FULL POWER CCT】 is the color temperature choose bottom, press UP/DOWN to choose, under full power, <3200K>、<4200K>、<5600K>、<10000K> can be chosen, when choose <COLOR>, <3200K>、<4200K>、<5600K>、<10000K>are not work, but choose <NORMAL>. <NORMAL> is the default initial setting.

Ÿ 【DMX ERROR】 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.

Ÿ 【RESET】 RESET the lamp. Enter the password "up down up down " to confirm, and then perform the RESET of the lamp parameters.

3.9 CALIB.CCT

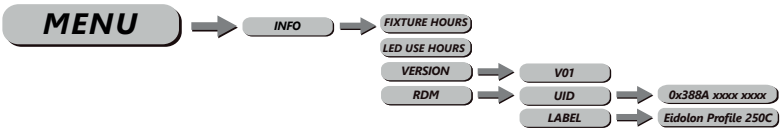


Ÿ Press【ENTER】to enter the 【CALIB.CCT】White light temperature setting, then press DOWN/UP key to select the value of color temperature under the full power【2700 K】、【3000K】、【3200K】、【3500K】、【4000K】、【4200K】、【4500K】、

3.10 WIRELESS

Ÿ 【WIRELESS】 WIRELESS DMX mode, press 【ENTER】key to ENTER, 【WIRELESS RESET】 WIRELESS DMX RESET, select YES as RESET, and NO as NO RESET.

3.11 INFO



- Press【ENTER】into【INFO】checkinformation, pressupanddown
- 【VERSION】issoftwareversions；
- 【RDM】checkfixture'sID；