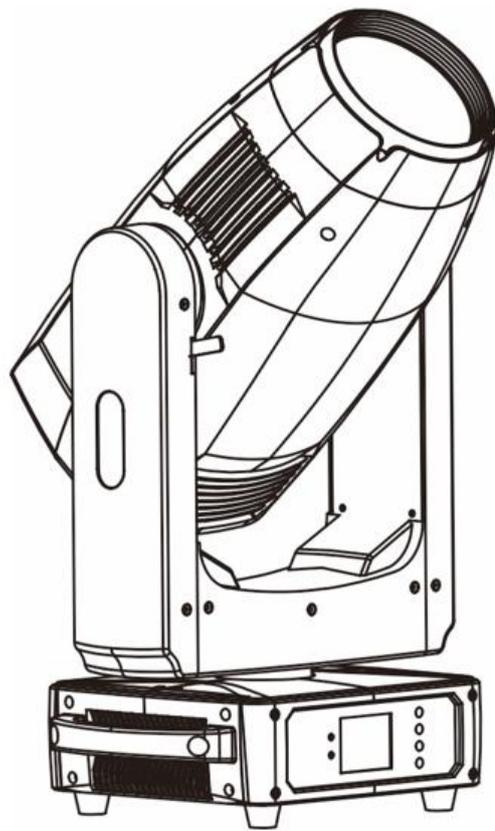# LED Profile Moving Head Lights

User Manual

Please keep the manual carefully for future reference

Introduction

Thank you for buying our product. We are confident that our excellent products and service can satisfy you. For your own safety, please read this user manual carefully before installing the device.

In order to install , operate, and maintain the lighting safety and correctly. We suggest that the installation and operation should be done by the verified technician and follow the instruction strictly.

Checking Parts

Please check if the following parts are included:
- **1 x Fixture**
- **1 x Power cable**
- **1 x User manual**
- **1 x DMX Cable**

Please check carefully that there is no damage caused by transportation. Should there be any, consult your local dealer

Caution

This device has left our premises in absolutely perfect condition. 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 written in this user manual.

We cannot be made liable for damages caused by incorrect installations and unskilled operation!
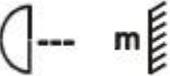

CAUTION!

Keep this device away from rain and moisture!

Unplug mains lead before opening the housing!

Warning!

Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.


Symbol Instruction On The Device

$C\ C$. --CE certificate

--RoHS certificate

$\Large(\!|$--- m -------------------------------The minimum distance from lighted objects (meter)

Safety instruction

- **If the device has been exposed to temperature changes due to environmental changes, do not switch it on immediately. The arising condensation could damage the device. Leave the device switched off until it has reached room temperature.**
- **Please make sure that the device be earthed.**
- **Please replace housing if it is broken. This fixture can be using after finished installed.**
- **The electric connection must carry out by qualified person.**
- **Make sure that the available voltage is not higher than stated at the end of this manual.**
- **Make sure the power cord is never crimped or damaged by sharp edges. If this would be the case, replacement of the cable must be done by an authorized dealer.**
- **If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.**
- **Please cut off the power if don't use the fixture or want to clean, maintenance.**
- **Direct sunlight or any other strong light source penetrating the front lens of the fixture will cause serious internal damage to the product. During unpacking, installation, use and long-term outdoor idleness, it is forbidden to expose the front lens of the product to direct sunlight or any other strong light source at any angle. It is forbidden to aim the beam of one fixture directly at another fixture.**
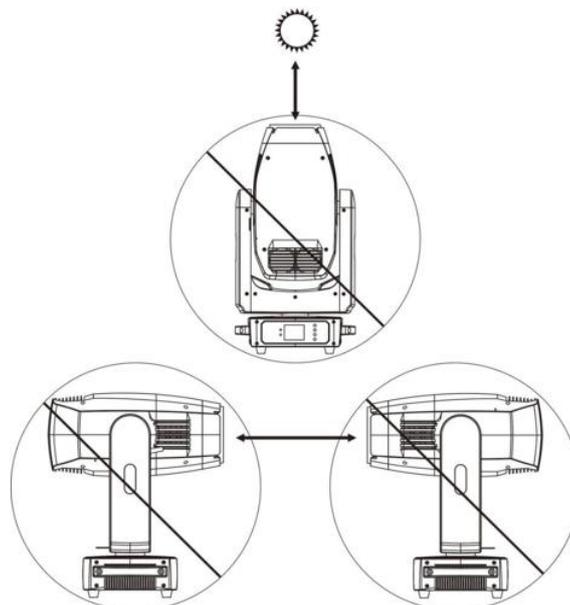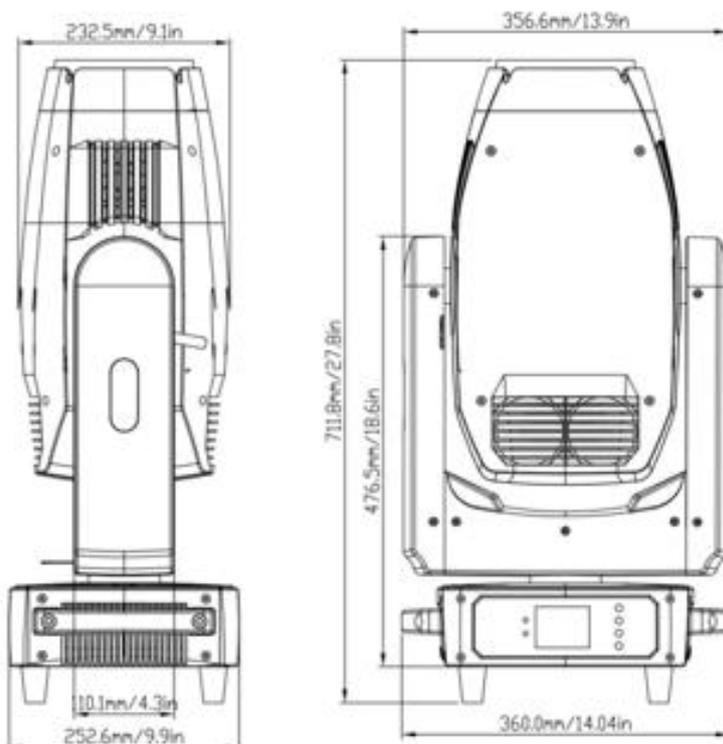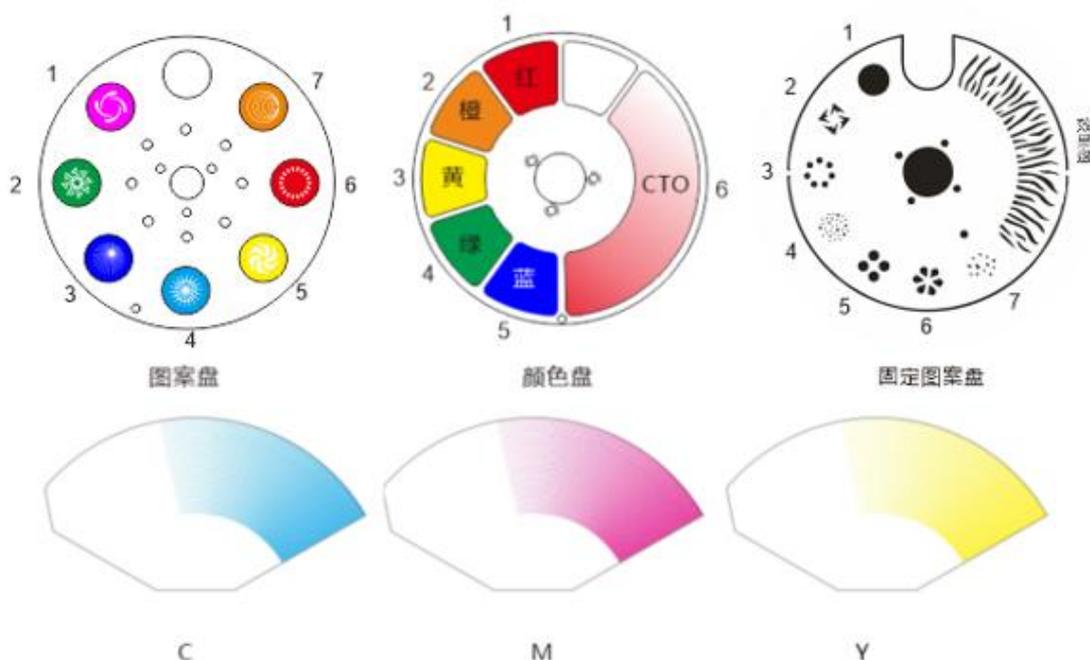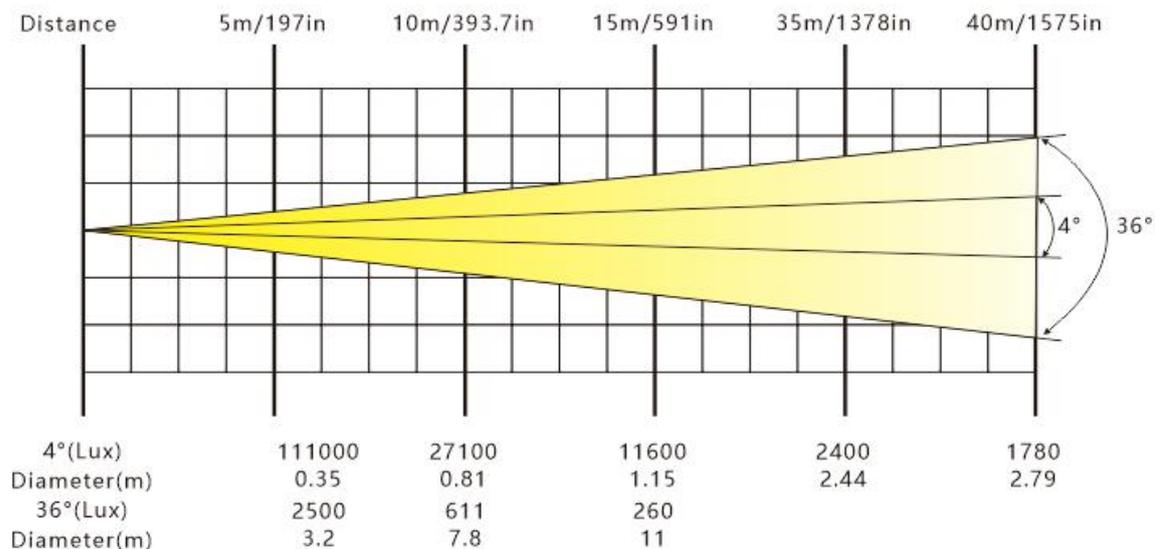
Installation

- When install this equipment please make sure there's no flammable surfaces (decorated things, etc) within at least 0.5M distance from flammable surfaces.
- Please make sure that there's no other equipment or decorating materials obstructed the exhaust fan and the vent-pipe.
- Products should be install immobility.
  In case of safety, it's very important that to connect the earth with line.

Product Specification

- **Power supply: AC100V-240V   50/60Hz**
- **Rated power: 692W**
- **LED: 600W LED module, 7200K**
- **Zoom angle: 4--36˚**
- **Dimmer: 0-100% linear**
- **Pan: 540˚(16Bits) /Tilt: 270˚(16Bits)**
- **Rotating gobo wheel: 7 glasses+white**
- **Fixed gobo wheel: 7 metal+white**
- **Color wheel: 5+open**
- **Effect wheel: 2-dynamic effect**
- **Prism:8-facet prism+12-facet prism**
- **CMY: Linear cmy color mixing system**
- **CTO: 2800K—6000K adjustable**
- **LCD Display**
- **IP rating: IP20**
- **Housing: black**
- **Max ambient Temp:-10- 45°C.**
- **Product size: 360x252x712mm**
- **N.W: 26.1Kg**

Distance	5m/197in	10m/393.7in	15m/591in	35m/1378in	40m/1575in
4°(Lux)	111000	27100	11600	2400	1780
Diameter(m)	0.35	0.81	1.15	2.44	2.79
36°(Lux)	2500	611	260		
Diameter(m)	3.2	7.8	11		

图案盘   颜色盘   固定图案盘

C   M   Y

Menu instruction

	Default set	
	Address	0-512
	DMX Mode	Mode 1
	Effect mode	No/Yes
	No Signal	Clear/Hold
	Show time	No/Yes
Standard	Brightness	000-255
	Effect sync	Speed 1/2/3/4/5/6/7/ Off
	Screen saver	Off/On
	XY encoder	No/Yes
	X inversion	No/Yes
	Y inversion	No/Yes
Advanced	Advanced setting should approval	
	Error List	No error/View

Info	Display Ver	Software version
	Main board	Main board info
	Serial NO.	Factory number
	SYS Timer	Whole driving time
	Run timer	Current driving time
	Lamp timmer	LED driving time
	Permission	Hold
	Equip TEMP	Fixture's temp
	Head TEMP	Head temp
	Fan 1 speed	Hold
	Fan 2 speed	Hold
	Pan coder	Hold
	Tilt coder	Hold
Perform	Run mode	Auto/DMX
	Run speed	0--255
	Run cross	0--255
	Built-in 1	Off/on
	Built-in 2	Off/on
	User PRO 1	User buit-in program
	User Pro 2	User buit-in program
	User Pro 3	User buit-in program
	User Pro 4	User buit-in program
	Circle shape	Off (hold)
	Square shape	Off (hold)
	Shape range	000-255(hold)
Program		
Reset		

DMX512

35 DMX channels

Channel	Function	Data	Instruction
CH1	Pan	000-255	0-540˚
CH2	Pan fine	000-255	0-2.1˚
CH3	Tilt	000-255	0-270˚
CH4	Tilt fine	000-255	0-1°
CH5	XY Speed	000-255	From fast to slow
CH6	Dimmer	000-255	0-100% dimmer
CH7	Strobe	000-003	Off
		004-103	Strobe from slow to fast
		104-127	Pluse strobe from slow to fast
		128-131	open
		132-251	Random strobe from slow to fast
		252-255	open

		0-9	White
CH8	color	10-19	Red
		20-29	Orange
		30-39	Yellow
		40-49	Green
		50-59	Blue
		60-69	CTO+blue
		70-79	Blue+green
		80-89	green+yellow
		90-99	yellow+orange
		100-109	orange+red
		110-119	red+white
		120-185	Clockwise eotic from fast to slow
		186-189	stop
		190-255	Anti-Clockwise eotic from slow to fast
CH9	Cyan	0-255	Off-Cutter
CH10	Magenta	0-255	Off-Cutter
CH11	Yellow	0-255	Off-Cutter
CH12	CTO	0-255	Off-Cutter
CH13	Rotating gobo wheel	0-4	White
		5-9	Gobo 1
		10-14	Gobo 2
		15-19	Gobo 3
		20-24	Gobo 4
		25-29	Gobo 5
		30-34	Gobo 6
		35-39	Gobo 7
		40-54	Gobo 1 shaking from slow to fast
		55-69	Gobo 2 shaking from slow to fast
		70-84	Gobo 3 shaking from slow to fast
		85-99	Gobo 4 shaking from slow to fast
		100-114	Gobo 5 shaking from slow to fast
		115-129	Gobo 6 shaking from slow to fast
		130-144	Gobo 7 shaking from slow to fast
		145-199	Clockwise rainbow effect from slow to fast
		200-255	Anti-clockwise rainbow effect from slow to fast
CH14	Gobos rotating	0-127	0-340˚
		128-191	Clockwise rotating from fast to slow
		192-255	Anti-clockwise rotating from slow to fast
CH15	Fixed gobo wheel	0-4	white
		5-9	Gobo 1
		10-14	Gobo 2
		15-19	Gobo 3
		20-24	Gobo 4
		25-29	Gobo 5

		30-34	Gobo 6
		35-39	Gobo 7
		40-51	Gobo 7 shaking from slow to fast
		52-63	Gobo 6 shaking from slow to fast
		64-75	Gobo 5 shaking from slow to fast
		76-87	Gobo 4 shaking from slow to fast
		88-99	Gobo 3 shaking from slow to fast
		100-111	Gobo 2 shaking from slow to fast
		112-123	Gobo 1 shaking from slow to fast
		124-189	Anti-clockwise rainbow effect from fast to slow
		190-255	Clockwise rainbow effect from slow to fast
CH16	Effect wheel	0-0	No function
		1-127	Effect
		128-255	Eotic from slow to fast
CH17	Iris	0-110	From big to small
		111-114	Stop
		115-160	Open
		161-164	Stop
		165-210	From small to big
		211-214	Stop
		215-255	open
CH18	Prism 1	0-127	Without prism
		128-255	prism
CH19	Prism 1 rotating	0-127	0-360°
		128-187	Anti-clockwise rotating from fast to slow
		188-195	stop
		196-255	clockwise rotating from slow to fast
CH20	Prism 2	0-127	Without prism
		128-255	prism
CH21	Prism 2 rotating	0-127	0-360°
		128-187	Anti-clockwise rotating from fast to slow
		188-195	stop
		196-255	clockwise rotating from slow to fast
CH22	Frost	0-127	Without frost
		128-255	frost
CH23	Zoom	0-255	Near to far
CH24	Focus	0-255	Near to far
CH25	Cutter 1A	0-255	On/off
CH26	Cutter 1B	0-255	On/off
CH27	Cutter 2A	0-255	On/off
CH28	Cutter 2B	0-255	On/off
CH29	Cutter 3A	0-255	On/off
CH30	Cutter 3B	0-255	On/off
CH31	Cutter 4A	0-255	On/off
CH32	Cutter 4B	0-255	On/off

CH33	Auto cutter effect	0-7	No function
		8-127	Fixed shape
		128-255	Auto from slow to fast
CH34	Cutter rotation	0-255	0 - 90°
CH35	Reset	0-209	No function
		210-219	XY Reset after 6 secs
		220-239	Effect wheel Reset after 6 secs
		240-255	all Reset after 6 secs

DMX512 control connection

3-Pins DMX Out
(Female)
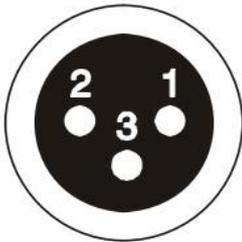
3-Pins DMX In
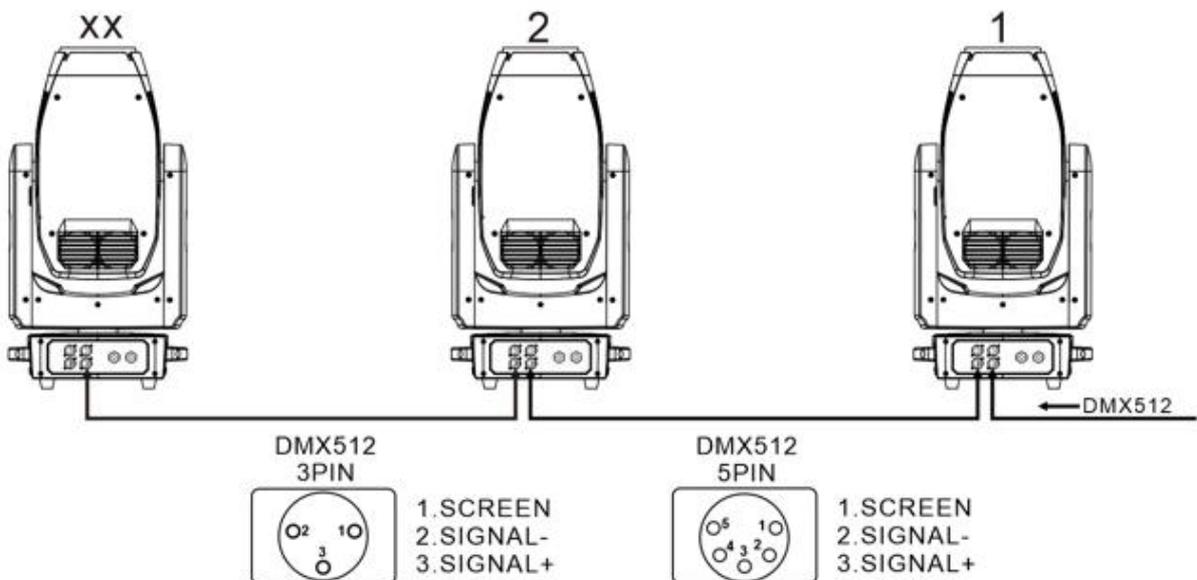**(Male)**
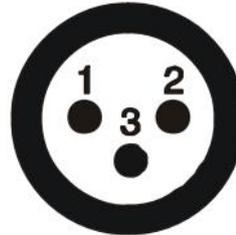
1.Earth   **2. DMX-**   **3. DMX+**

DMX address setting

Each fixture must set a specific starting address. When receiving signal transmission, fixture will receive channel control signals which from the starting address.

According to different requirements or easy to use, the user can set many value fixtures to the same

address, also can set up a separate address for every device.

If you set the same address, all the devices will receive from DMX channels signal. All connecting fixtures are jointly controlled, controller can't separate control a device.

If you set a different address, each device will be separate from its particular set the starting address and begin accepting DMX512 control signal, so that more convenient separate control one device. Using this method must be based on channel quantity of device to determine a starting address.

This led light has 10 channels. When you choose 35 channels mode, you should set the starting address of the first unit to 1, the second unit to 36(35+ 1), the third unit to 71(35x2+ 1), and so on.

Cleaning and maintenance

Cleaning should be performed every 15-day period, by using a sponge which is dipped with alcohol, rather than wet cloth or other chemical liquid, to clean the mirror.

	CAUTION **Cut off power before cleaning and maintenance!**

Attention

Do not see directly light source when open the light, and make sure power off before do any installation or maintenance.

⚠	**CAUTION!** Never look directly into the light source, as sensitive persons may suffer an epileptic shock.

	CAUTION **Wires connection must be professional person!**

Warranty   Card

We will provide 1 year warranty under the condition that user has operated the light normally and lifetime service. We won't provide warranty if the damage is caused by artificial or force majeasure event. Please cut this warranty card and shipped it along with the product to our factory when applying for warranty.
Product：   **Purchasing date：**   **Code of invoice：**
Warranty date: From   **To**
User's name：   **Add：**
Company：   **Tel：**