Viking VKFS 330 15R Followspot

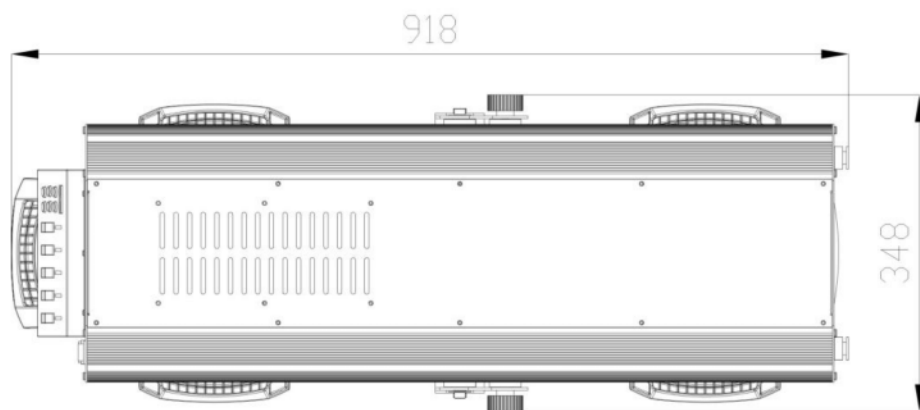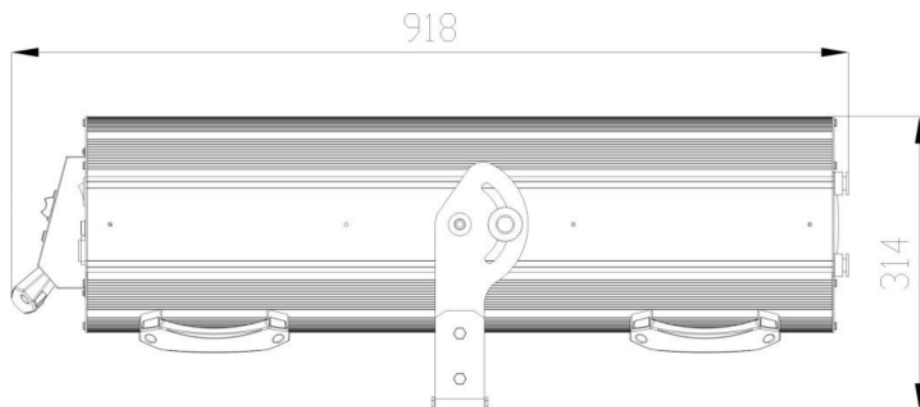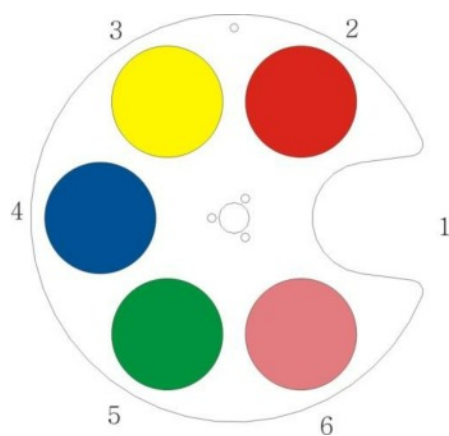## User Manual

Content

2 Caution

2.1 Before installation, please check the unit for any damage in transport, and in particular that no foreign objects have become lodged in the end of the lens tube.

2.2 The unit should be mounted on the stand supplied using the spigot (or similar) and stood on even ground. The light should be raised up to shoulder height for operation.

2.3 The unit should be switched on in advance of it being required and left on for the duration of the performance. It is not suitable for frequent switching on and off which will damage the starter circuit and shorten the lamp life considerably.

2.4 You must wait for ten minutes after the lamp has been turned off to let it completely cool before the unit can be re-struck and used again as the lamp is of the 'Cold Restrike' variety.

2.5 In order to ensure the service life of the product, please keep it dry and ventilated.

2.6 There are no user serviceable parts inside the unit with the exception of lamp replacement. The product should only be serviced by professionals.

2.7 The Powercon mains lead must be plugged into the rear of the Followspot and into a permanent mains feed (13a socket outlet). This unit MUST NOT be plugged into a dimmer.

2.8 Do not stare at the lamp light source directly so as not to damage the eyes or down the lens tube, the lamp is extremely bright.

2.9 The Followspot is cooled by a quiet running fan in the rear of the unit. If this fan should fail the unit must NOT ber used, but refer to a service agent for repair.

2.10 Make sure the power is disconnected prior and during the installation of a new lamp or service.
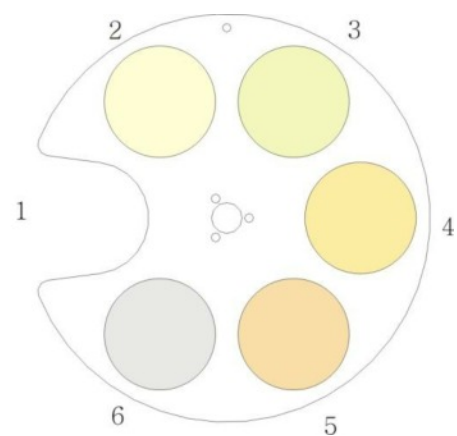
3. Dimensions: (mm)

Colour Wheel:

01—White   02—Red

03—Yellow   04—Blue

05—Green   06—Magenta

Colour Temperature Wheel:

01—6500K   02—5600K

03—4300K   04—3800K

05—3200K   06—Frost

4. Product information

1. Technical Specifications

Lamp : YODN 15R   330W or SIRIUS HRI330W
Lamp life span：1500hours
Output：33486 Lumen at 5m - see chart below
Dimmer：Linear Electronic Dimmer
Colour wheel: Electronically Adjustable - 5 colours plus White
Iris: Electronically Adjustable from Small to Large Spot
Colour temperature：Electronically Adjustable: 3200-6500K plus Frost
Focus：Electronically Adjustable
Zoom Lens: Electronically Adjustable: 5-10 degrees
Rating: IP20 : For Indoor Use only
Power：100-240V 50-60Hz Auto switching
Total power：420w
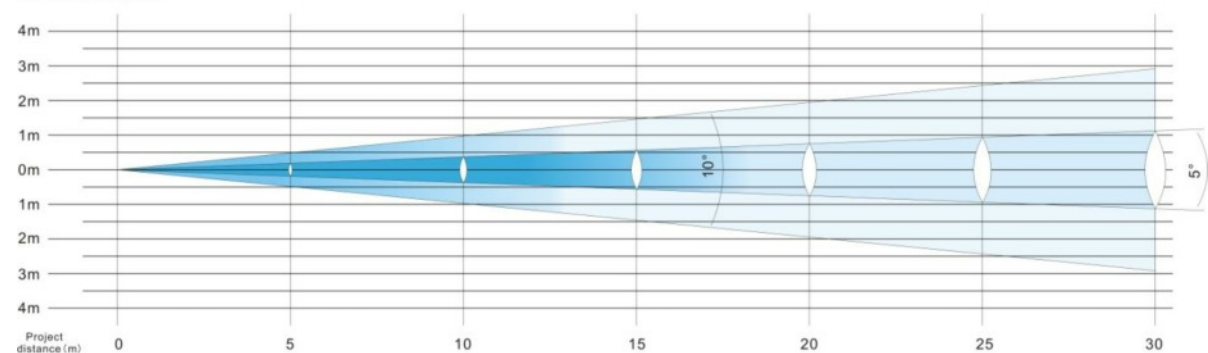External Fuse: 20ma 6.35a Ceramic Fuse
Light size：918 x 348 x 314mm
Product weight：26kg
Stand weight：6kg
Flight case size：1022×580×490mm

2. Output

Luminous diagram

Lumen

DISTANCE	5m		10m		15m		20m		25m		30m	
ILLUMINATION	33486	8166	8371	2042	3721	907	2093	510	1339	327	930	227
SPOT SIZE	Φ0.44m	Φ0.90m zoom	Φ0.88m	Φ1.80m zoom	Φ1.32m	Φ2.71m zoom	Φ1.76m	Φ3.61m zoom	Φ2.20m	Φ4.51m zoom	Φ2.64m	Φ5.41m zoom

5. Parts information

01 —control panel
02 —handle
03 —stand handle
04 —light
05 —lens

5.1 Control panel

01 —display screen
02 —Channels rod
03 —Colours key
04 —Power switch
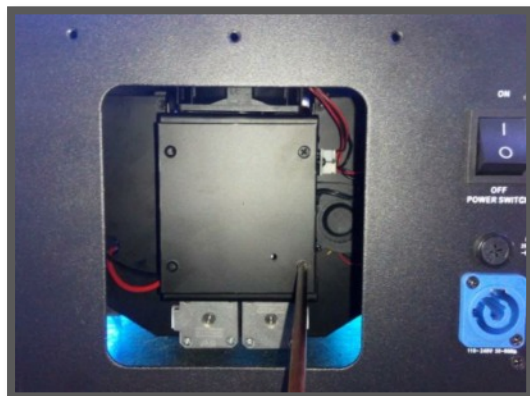05 —Fuse
06 —Power input

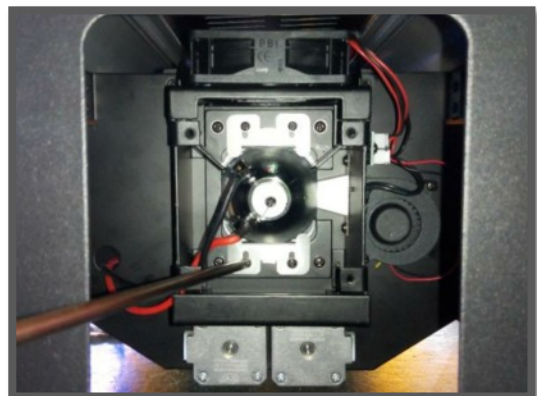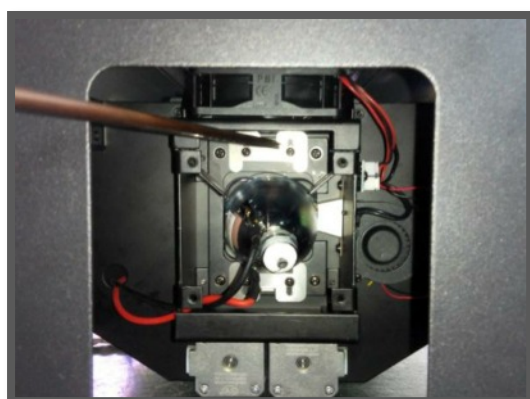# 6. Lamp replacement

1. Remove the rear handle

2. Remove the control panel box

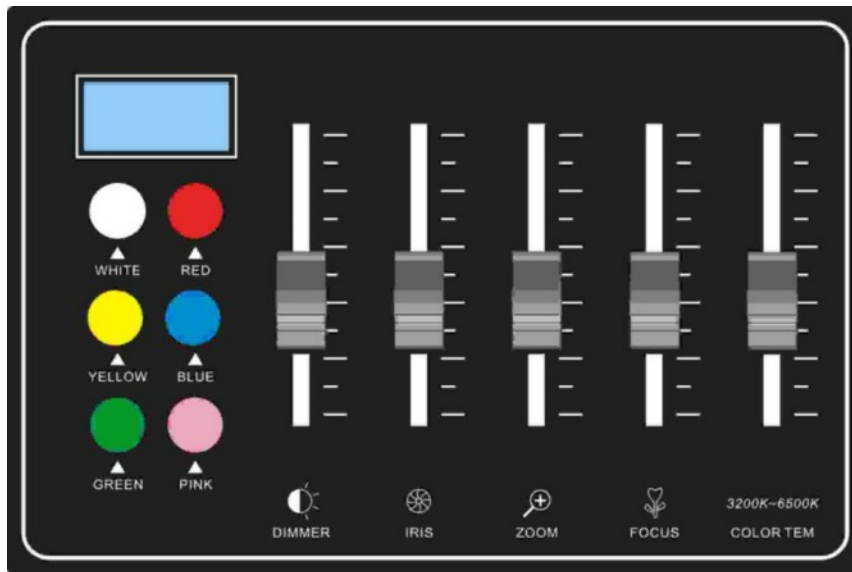3. Remove the lamp rear panel

4. Remove the screws for the lamp

5. Use the screwdriver to hold the metal.

6. Remove the lamp power cable

7. Replace the lamp and rebuild in reverse order

7.0   Control panel

7.1   Operation

There is a hidden On/Off switch to prevent unauthorised use of the light. When the lamp is off, press the red key for 3 seconds, the display will show (on) and will strike. The lamp will take a few minutes to reach maximum brightness.

To turn the lamp off, press the white key for 3 seconds, the display will show (OFF) and will extinguish but the cooling fan will continue working.

Once the lamp is turned off, please wait about 10 minutes if needed on again. (This protects the unit and lamp from damage)

Fader	Display Value	Function
Colour Button	1	White
	2	Red
	3	Yellow
	4	Blue
	5	Green
	6	Pink
Dimmer		Dimmer
	0-50	Close
	51-130	Open - dim to full
Iris	0-255	Iris - small to big
Zoom	0-255	Zoom - big to small
Focus	0-255	Focus
Colour Temperature	0-42	6500K
	43-84	5600K
	85-126	4300K
	127-168	3800K
	169-210	3200K
	211-255	Frost

2. Menu Operation - This option is for service use only.

Access to the menu is by pressing both the green and pink buttons simultaneously.

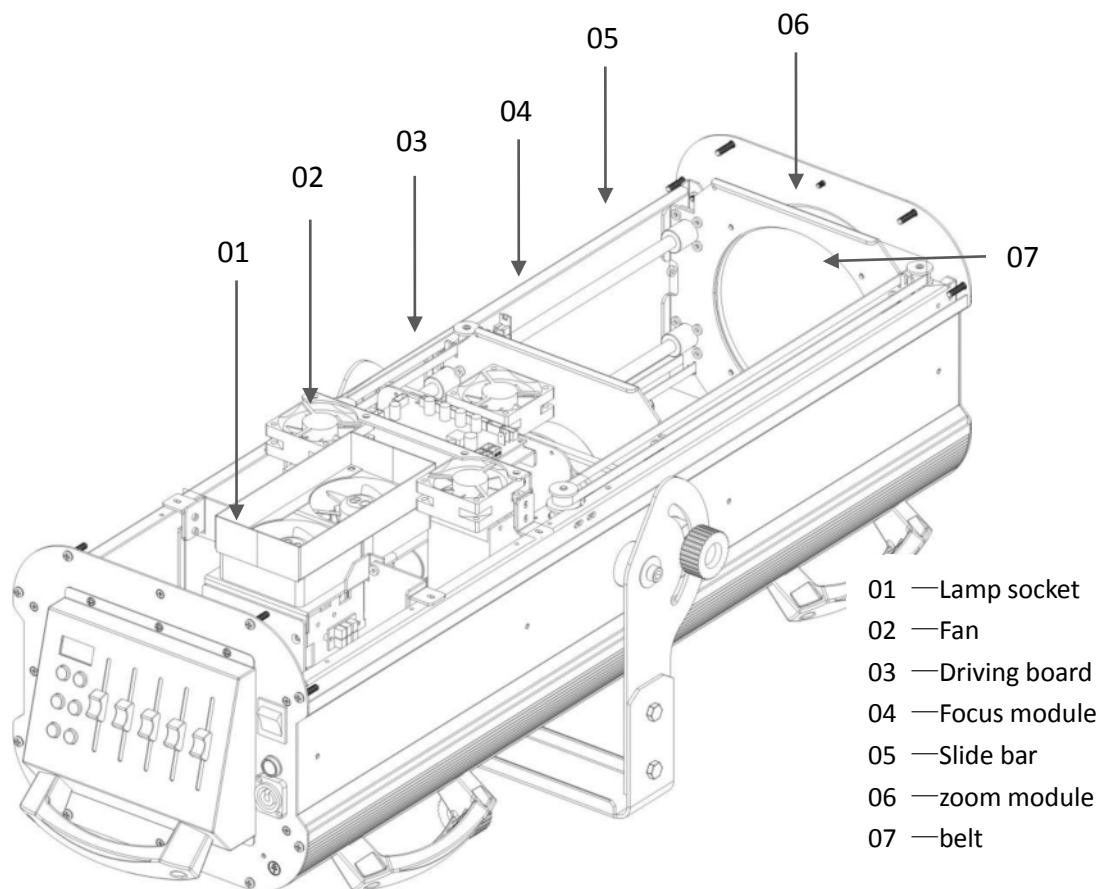Blue Key: SELECT (Save the updated value and return back to the main menu)

White Key: DOWN (or +),can plus continually if pressed for more than 1 second

Red Key: UP (or -), can minus continually if pressed for more than 1 second

Yellow key: EXIT (Back to the menu & do not save the data)

			Function
Info set < 1nfo >	< t4PE >		Lights kind
	< FAn1 >		Fan 1 status（r19H:normal　Erro: Error）
	< FAn2 >		Fan 2 status（r19H:Normal　Erro: Error）
	< d15U >		Version（xxx）
	< dr1U >		Motor version（xxx）
	< rEtn >		Enter
Display set <d15P >	Display delay close < LoFF >	oN	Lamp on
		L001	Close after 1 min
		L002	Close after 2 min
		L003	Close after 3 min
	Menu display enter < NEN8 >	oFF	No enter
		N001	Enter after 1 min
		N001	Enter after 2 min
		N001	Enter after 3 min
	< rEtn >		Enter
Feature SET < 5PEC >	Readress < rEdr >	< CoLo >color motor	Motor reset（0-255）
		< CoLt >color motor	
		< 2oon >focus motor	
		< FocU >focus motor	
		< rEtn >	Enter
	Run mode < rUod >	r001	manual
		r002	auto
	default < dEFA >	oFF	no
		oN	Default set
	<rEtn>		enter
< LANP >	default < LAPd >	oFF	Lamp off after reset
		oN	Lamp on after reset
	Lamp control < NAnL >	oFF	Lamp off by manual
		oN	lamp on by manual
	< rEtn >		Enter
< ALLr>		oFF	No Reset
		oN	Reset
rEtn			Menu exit

8. Internal structure

01 —Lamp socket
02 —Fan
03 —Driving board
04 —Focus module
05 —Slide bar
06 —zoom module
07 —belt

9. PCB