RGBW 4IN1 LED PROFILE SPOT LIGHT

VG-LVF150C



USER MANUAL

Caution: please read this user manual carefully before you initially start-up.

http://www.vangaa.com

INDEX

Ⅰ INTRODUCTION..... 01

Ⅱ ATTENTION 01

Ⅲ MAIN FEATURES 01

Ⅳ TECHNICAL SPECIFICATION.....02

Ⅴ DIMENSION.....03

Ⅵ CONTROL PANEL AND MENU 04

Ⅶ INSTALLATION AND CONNECTION 05

Ⅷ FUNCTION 06

Ⅸ DMX CHANNEL CHART 08

Ⅰ. INTRODUCTION

Thank you for having chosen our company's products. For your own safety, please read this user manual carefully before installing the device.

We are very glad to offer you our best quality product and service to make you satisfied. Please check that there has been no damage caused in transportation and the following items are enclosed.

LED Profile Spot Light	1PC
User Manual	1PC

Ⅱ. ATTENTION

1. Do NOT put or work the product in the Humid or Wet area; DO NOT work when the temperature is over 35 C°;

2. Do NOT place the product in the area which could be share or easy to be shaved;

3. When using the light, the input power voltage couldn't change over ±10%, if the input power higher than the related voltage, it will reduce the lifespan of the light, if the power lower, it will reduce the color and brightness of the light;

4. This product is for professional using and maintenance only.

Ⅲ. MAIN FEATURES

200W COB RGBW 4in1 LED Profile Spot Light;

High power brightness light can replace the traditional light;

Linear dimmer 0-100%;

LCD control panel.

Ⅳ. TECHNICAL SPECIFICATION

Light Sources

·LED: 1pc 200W(output 180W) RGBW 4in1 COB LED Lamp

·Lifespan: 50000h

·Color: RGBW colorful

Optics

·Beam angle: 19degree/26degree/36degree/50degree are optional, fixed lens

·Dimmer: 0-100% linear dimmer

·Strobe: 1-25 times/second

Light Output

·Luminous flux: 28200lm

·Illuminance: 25200 Lux (2m 19° 3200K)

·Optimal projection distance: 4-30m

Control

·Control mode: DMX-512; Master/slave; Demo

·DMX channel: 11CH,6CH

·Display of control panel: LCD display + 4 buttons

Power Supply

·Related voltage: AC100V-240V, 50/60Hz

·Related power: 200W

Construction

·Body dimension: D645*W260*H250mm

·Net weight: 7.5kg

·Shell color: black/white

·Shell material: ABS

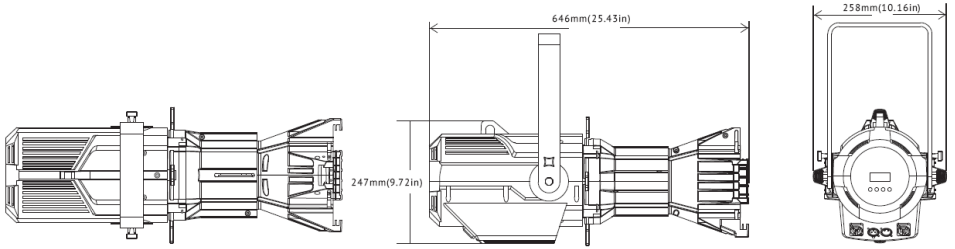
Working Environment

·Working temperature: -25-40℃

·Cooling: mute fan, Aluminum radiator

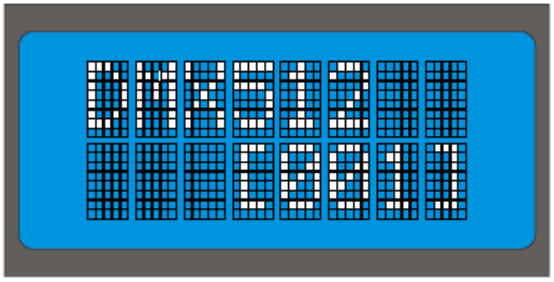
·Protection rating: IP20

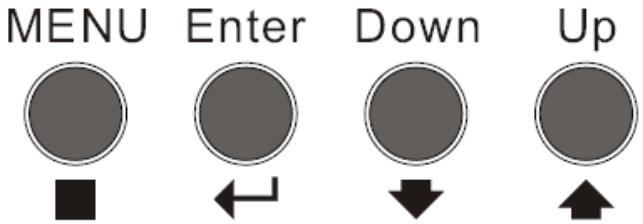
Ⅴ. DIMENSION



Ⅵ. CONTROL PANEL AND MENU

Display Panel



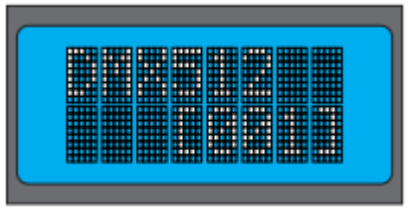


LCD display	Function setting
DMX512 MODE	setting the DMX starting address from 001- 512
Dimmer R- [MODE]	setting the red color brightness 000-255
Dimmer G- [MODE]	setting the green color brightness 000-255
Dimmer B- [MODE]	setting the blue color brightness 000-255
Dimmer W- [MODE]	setting the white color brightness 000-255
Col_Temp [MODE]	setting the CCT 1800K-9928K
Dimming [MODE]	setting the Dimming 000-255
Strobe [MODE]	setting the strobe speed 00- 12
Fade [MODE]	setting the fade speed 00- 12
Auto [MODE]	setting the auto speed 00- 12
CCS [MODE]	correcting function ON-OFF
Channel [MODE]	setting DMX channels 11CH-6CH
PWM [MODE]	setting PWM frequency 1200Hz-20000Hz

Master/Slave Setting

1.Set the mast fixture :Dimming/CCT/Strobe/Fade/Auto mode

2.Set each slave fixture to the same DMX001（As show below）



Ⅶ. INSTALLATION AND CONNECTION

Installation

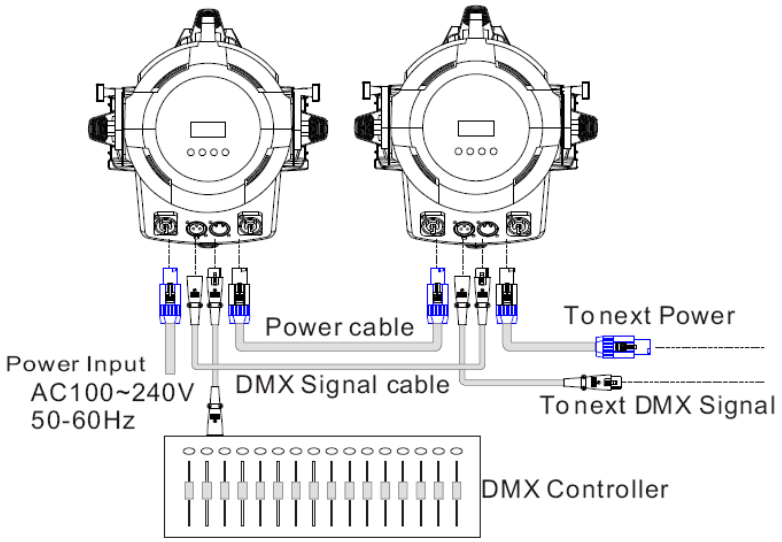


stand



hanging

Connection



Ⅷ. DMX CHANNEL CHART

11 ChannelMode

CHANNEL	NUMERIC	EFFECT
1	000-255	**Red dimmer**
2	000-255	**Green dimmer**
3	000-255	**Blue dimmer**
4	000-255	**White dimmer**
5	000-255	**Macro colors**
6	000-255	**CCT,1800-10000K**
7		**Function**
	000-010	Invalid
	011-135	Color fade
	136-255	Color change
8		**Strobe**
	000-010	Invalid
	011-255	Strobe, from slow to fast
9		**4 Dim**
	000-064	dim 1
	065-128	dim 2
	129-192	dim 3
	193-255	dim 4
10	000-255	**Master dimmer**
11	000-255	**Dimmer fine**

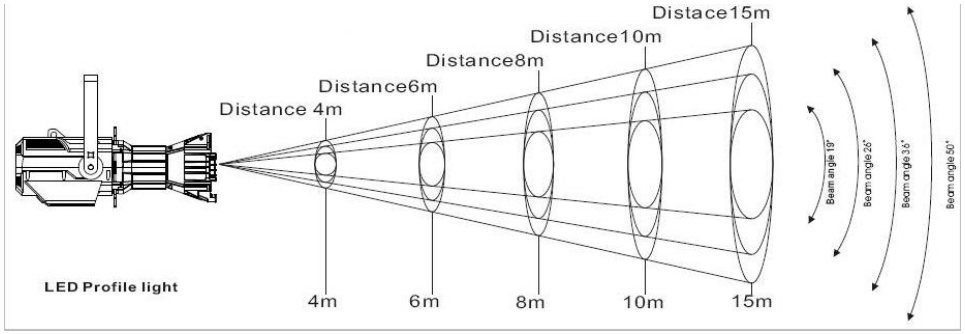
6 ChannelMode

CHANNEL	NUMERIC	EFFECT
1	000-255	**Hue**
2	000-255	**Saturation**
3	000-255	**Intensity**
4	000-255	**Intensity fine**
5	000-255	**CCT,1800-10000K**
6	000-255	
		000-010
		011-255

Note：Color Temperature (CCT) Ratio

DMX levels	CCT DATA	DMX levels	CCT DATA
000↔006	1800K↔2000K	131↔137	6000K↔6200K
006↔012	2000K↔2200K	137↔144	6200K↔6400K
012↔018	2200K↔2400K	144↔150	6400K↔6600K
018↔024	2400K↔2600K	150↔156	6600K↔6800K
024↔030	2600K↔2800K	156↔162	6800K↔7000K
030↔036	2800K↔3000K	162↔169	7000K↔7200K
036↔044	3000K↔3200K	169↔175	7200K↔7400K
044↔050	3200K↔3400K	175↔181	7400K↔7600K
050↔056	3400K↔3600K	181↔187	7600K↔7800K
056↔062	3600K↔3800K	187↔194	7800K↔8000K
062↔069	3800K↔4000K	194↔200	8000K↔8200K
069↔075	4000K↔4200K	200↔206	8200K↔8400K
075↔081	4200K↔4400K	206↔212	8400K↔8600K
081↔087	4400K↔4600K	212↔219	8600K↔8800K
087↔094	4600K↔4800K	219↔225	8800K↔9000K
094↔100	4800K↔5000K	225↔231	9000K↔9200K
100↔106	5000K↔5200K	231↔237	9200K↔9400K
106↔112	5200K↔5400K	237↔244	9400K↔9600K
112↔119	5400K↔5600K	244↔250	9600K↔9800K
119↔125	5600K↔5800K	250↔255	9800K↔10000K
125↔131	5800K↔6000K		

Ⅸ. ILLUMINATION



Illumination Center/Lux	R	410	216	128	78	50	Beam angle 19°
	G	525	258	156	102	67	
	B	620	305	185	110	70	
	W	710	340	206	130	85	
Beam Diameter/cm		124	180	248	315	115	

Illumination Center/Lux	R	320	165	105	67	45	Beam angle 26°
	G	393	205	120	75	60	
	B	465	235	145	92	62	
	W	530	260	165	100	75	
Beam Diameter/cm		185	277	370	462	554	

Illumination Center/Lux	R	230	125	87	55	40	Beam angle 36°
	G	280	152	102	70	52	
	B	335	160	115	79	55	
	W	380	175	130	80	69	
Beam Diameter/cm		220	380	430	620	810	

Illumination Center/Lux	R	160	90	52	40	35	Beam angle 50°
	G	195	100	60	49	42	
	B	225	115	70	55	50	
	W	255	128	78	60	55	
Beam Diameter/cm		373	560	746	933	1120	

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VanGaa, Achieving Users' Value!