VG-LVF400G
400W Colorful LED
Fixed Lens Profile Spot Light

·This is a professional LED Fixed Lens Profile Spot Light. It uses high CRI and high power LED integrated lamp (COB lamp) as the light emitting element, with color correction and RDM function, adopting the United State ETC optical lenses.
This light is saving energy and protecting environment, pure color temperature, it is a very suitable substitute of the traditional 750 profile light.

Features

• High light efficiency, good color rendering, low glare value;

• Long lifespan, energy conservation, environmental protection;

• Linear dimmer by DMX signal, smoothly 0-100%;

• Silent, owns good cooling system by copper radiation and fan(within 18db);

• High CRI more than 90Ra.

DESIGNED , ENGINEERED AND AS SEMBLED IN CHINA BY V ANGAA TECHNOL OGY

Technical Specification

Light Sources

LED: 1pc 400W RGBAL COB LED Lamp

Lifespan: 500,000h

Color: RGBAL color mixing

Optics

Beam angle: 19degree(26degree/36degree/50degree optional), fixed lens

Gobo clip: 1pc gobo clip with steel gobo optional

Dimmer: 0-100% linear dimmer

Strobe: 1-25 times/second

Light Output

Luminous flux: 25200 Lm

Illuminance: 1280 Lux (4m 14° Red)

Optimal projection distance: 4-50m

Movement

Focus: Manual

Gobo clip: Manual

Control

Control mode: DMX-512; RDM; Color Correction; Demo; Master/slave; 4 selectable dimming curves

DMX channel: 12CH

Display of control panel: digital LCD display

DMX In/Out: 3P-XLR DMX In/Out(5P-XLR optional), DMX 512

Power Supply

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

Related power: 450W

Construction

Body dimension: D589*W302*H270mm

Net weight: 10kg

Shell color: black/white

Shell material: die-casting aluminum

Working Environment

Working temperature: -20-40℃

Cooling: Copper radiation and Fan

Protection rating: IP20

Technical Specification

Equipment Optional Configuration

Gobo clip: 1pc gobo clip

Gobo: steel gobo, Gobo size: inner diameter 60mm,

outer diameter71.6mm

Barn doors: 1 set barn doors

Colored paper clip: 1 set colored paper

Standard Configuration Spare Part List

Cable: 1pc 3-pin DMX cable, 1pc power cable with plug

(America standard, Euro standard, or other standard)

User manual: English version user manual

Optional Configuration Spare Parts List

Clamps: different style clamps optional (choose from

VanGaa homepage "Accessaries series")

Safety rope: different size safety ropes optional (choose

from VanGaa homepage "Accessaries series")

Package

Carton board box package size:

740*380*370mm(1pc/carton) [c:19-11-19]

N.W/G.W/V.W: 13.3kg/14.3kg/20.8kg

Selling Maintain Spare Parts List

Iris: VG-LVF400G-Iris

Gobo frame: VG-LVF400G-GF

Color paper frame: VG-LVF400G-CF

Switching power supply: VG-LVF400G-P

LED lamp board: VG-LVF400G -L

Main board: VG-LVF400G-M

Drive board: VG-LVF400G-D

Dimension

14° beam

Red LED lux:	1280	780	412	240
Green LED lux:	1950	1210	476	472
Blue LED lux:	1120	720	432	280
Amber LED lux:	3550	2320	1160	836
Lemon LED lux:	3050	1983	992	714

| Distance(m) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Diameter(m) | | | | | 0.98 | | 1.47 | | 1.96 | | 2.46 |

19° beam

Red LED lux:	780	410	240	143
Green LED lux:	1210	786	472	280
Blue LED lux:	720	468	280	168
Amber LED lux:	2320	1390	836	501
Lemon LED lux:	1986	1180	714	428

| Distance(m) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Diameter(m) | | | | | 1.24 | | 1.80 | | 2.48 | | 3.15 |

26° beam

Red LED lux:	410	240	143	86
Green LED lux:	786	472	280	168
Blue LED lux:	468	280	168	101
Amber LED lux:	1392	836	501	304
Lemon LED lux:	1190	714	428	257

| Distance(m) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Diameter(m) | | | | | 1.85 | | 2.77 | | 3.70 | | 4.62 |

36° beam

Red LED lux:	246	143	86	52
Green LED lux:	472	280	168	101
Blue LED lux:	280	168	101	61
Amber LED lux:	836	501	301	180
Lemon LED lux:	714	428	257	155

| Distance(m) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Diameter(m) | | | | | 2.20 | | 3.80 | | 4.30 | | 6.20 |