# 200W Bicolor LED Fresnel Spot Light

## VG-PB200W-C

## Technical Specification Sheet



VanGaa: Focus on
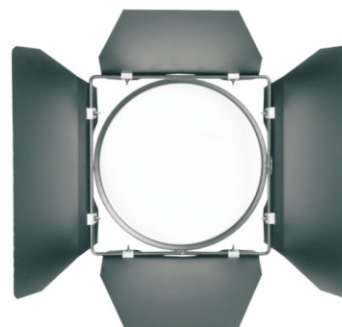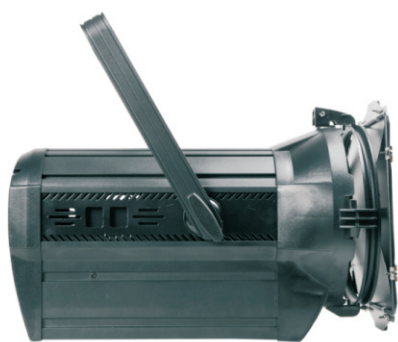Studio Lighting Fixtures

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# VG-PB200W-C
# 200W Bicolor LED Fresnel Spot Light

This television projector light equips high power 200W LED lamps as the light source, it's energy saving. And it uses high efficiency optical lens, light soft. It's a best choice for film and television performances, studio and other places.

## Features

- Controlled by DMX-512, very convenient;
- Using two color COB led, from 3200K-5600K;
- Can realize 0-100% dimmer, 16 bit;
- Adopts outside frame design, beautiful;
- Installation very convenient, safe and reliable;
- Brighter than 2000W Tungsten Halogen fresnel spot light;
- 3200K light put can reach 3780lux @ 2 meters;
- 3200K CCT, 4000K CCT, 5600K CCT and 6500K CCT are included;
- Auto range voltage AC90-240V, 50/60Hz;
- Up to 90% energy savings;
- Precise brightness control w/variable dimming curve;
- Single light source eliminates multiple shadows;
- Flicker-freeup to 12,000 fps;
- No heat generation- cooling by fan and radiators;
- 15-60degree beam angle, manual or DMX zoom;
- Built-in digital user interface module control;
- International standard 3/5pins XLR DMX in/DMX out connon;
- Neutrik Powercon connection;
- Programmable multiple lighting with strobe effects;
- 1+4 years warranty on fixture;
- Operating temperature at -20c tp +50c;
- Certified CCC, CE & RoHs compliant.

DESIGNED, ENGINEERED AND ASSEMBLED IN CHINA BY VANGAA TECHNOLOGY
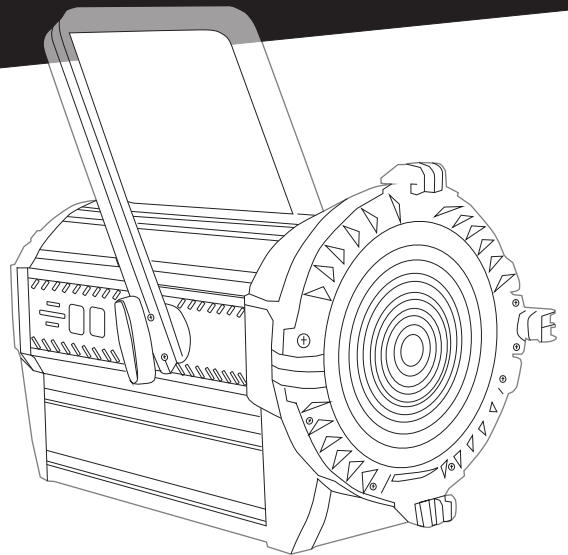
# Technical Specification

## Light Sources
- LED: 1pc 200W Bi color COB LED Lamps
- Lifespan: 500,000h
- Color: from CW to WW, 2700K-6000K adjustable

## Optics
- Beam angle: 15-60degree
- Dimmer: 0~100%
- CRI: Ra>92

## Light Output
- Luminous flux: 9775.3lm
- Illuminance: 2700 Lux (6m 15°)
- Optimal projection distance: 17-40m

## Control
- Control mode: DMX-512; Auto run
- DMX channel: 3CH, 4CH
- Display of control panel: LCD display +

## Power Supply
- Related voltage: AC100V-240V, 50/60Hz
- Related power: 300W

## Construction
- Body dimension: D455*W265*H292mm
- Net weight: 8.5kg
- Shell color: black
- Housing material: aluminum alloy

## Working Environment
- Working temperature: -25-40
- Cooling: copper tube convector + mute fan
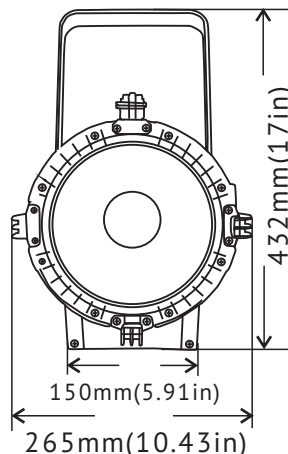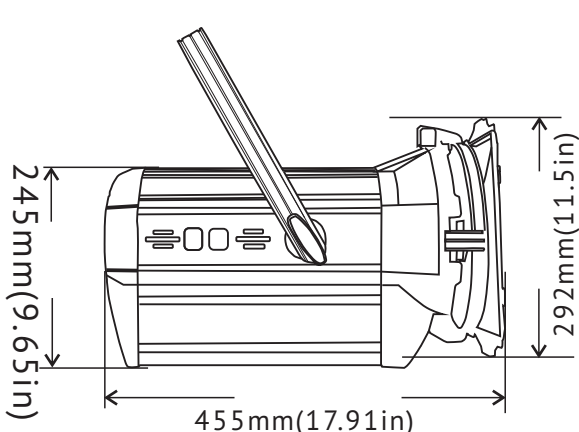- Protection rating: IP20

## Spare Parts
- Cable: 1set DMX in and DMX out signal cable,  and 1set Power in and Power out power cable with plug [standard configuration]
- Light visor: 1pc light visor [optional configuration]

## Package
- Carton board: 510*320*370mm(1pc/carton)
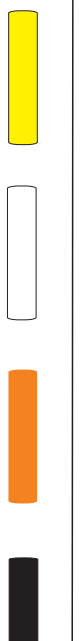- N.W/G.W/V.W: 8.5kg/10kg/13kg

# Dimension



245mm(9.65in)

292mm(11.5in)

455mm(17.91in)

432mm(17in)

150mm(5.91in)
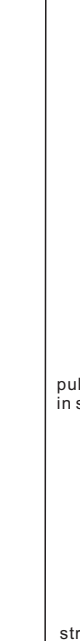
265mm(10.43in)

8.5kg(18.74lb)

# DMX Channel Chart

| 5CH | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| % | General Dimmer | Fixed Color Temp. | WW Dimmer | CW Dimmer | Strobe |



Channel 5 Strobe: random strobe / pulse-effect in sequences / strobe close

100% 255 — 0% 0

# Lux Chart



Left chart (15°):

| | full(4000K) | 32300 | 8883 | 2230 | 1002 |
|---|---|---|---|---|---|
| CRI: Ra≥92 | 5600K | 20000 | 5450 | 1380 | 660 |
| lux | 3200K | 14500 | 3780 | 900 | 460 |

Distance(m) 0 1 2 3 4 5 6

Right chart (60°):

| | full(4000K) | 9700 | 2520 | 760 | 350 |
|---|---|---|---|---|---|
| CRI: Ra≥92 | 5600K | 6000 | 1600 | 420 | 190 |
| lux | 3200K | 4000 | 1000 | 270 | 130 |

Distance(m) 0 1 2 3 4 5 6