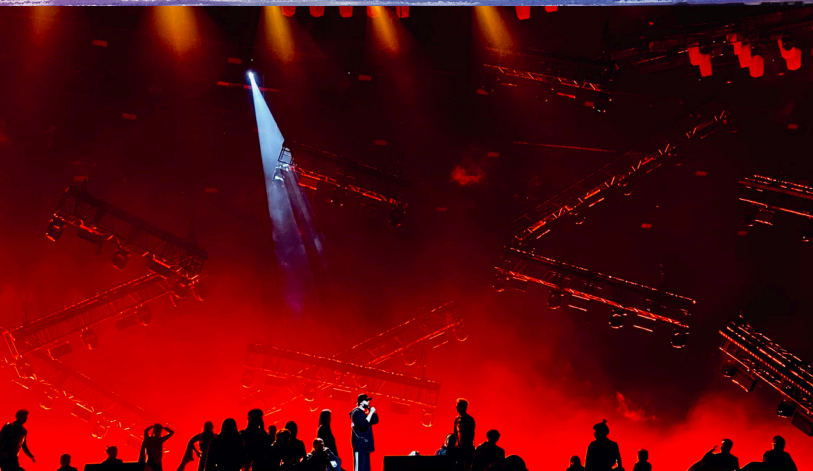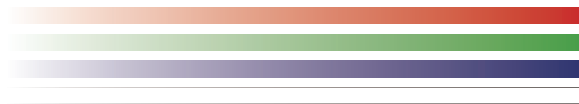# EC12

# 12*50W IP65 RGBW High Output LED Moving Wash
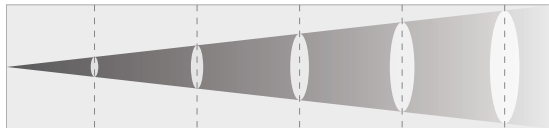
## B e a m W a s h M o v i n g H e a d L i g h t

- 12 x 50W RGBWW LED
- Up to 11100 lumens output
- Linear CCT: 2800K ~ 10000K
- Ultra-wide zoom range: 3.8° ~ 48°
- Exquisite color rendering: CRI > 93, R9 > 90
- RGBWW LED allows for creating saturated and pure color mixes
- Pixel-mappable LED control allows for two-layer foreground and background colors and effects
- Advanced calibration technology ensures high fidelity output and consistent color
- New ultra-linear 22-bit dimming guarantees smooth fades and flicker-free output
- Rapid, smooth, quiet pan/tilt rotation
- Rugged IP66 tour-graded construction for all-round protection for fixtures in any applications
- DMX512+Art-Net/sACN control
- NFC+Bluetooth+App integration enables seamless one-touch connection between palm-devices and fixtures for fixture setup, software upgrade, real-time error monitoring, and remote maintenance support
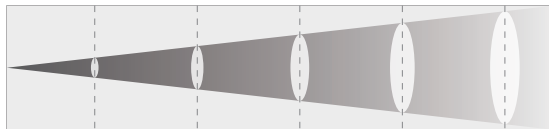
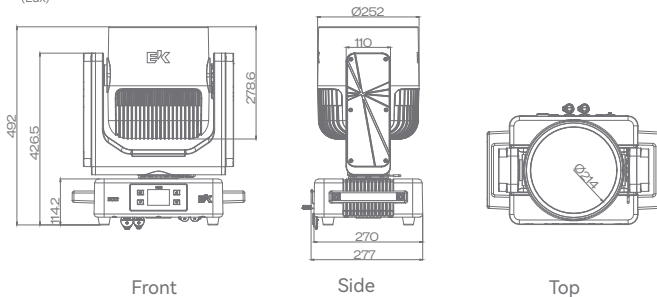### Color System

### Beam Angle 3.8°

| Distance (m) | 5 | 10 | 15 | 20 | 25 |
|---|---|---|---|---|---|
| Illuminance (Lux) | 62000 | 15500 | 6889 | 3875 | 2480 |

### Beam Angle 33°

| Distance (m) | 5 | 10 | 15 | 20 | 25 |
|---|---|---|---|---|---|
| Illuminance (Lux) | 1409.7 | 317 | 141 | 79 | 50 |

Front     Side     Top

### PHOTOMETRICS

| | |
|---|---|
| Light Source | 12*50W RGBWW LED |
| Color Temperature | 2800K-10000K |
| Lumen Output | Up to 11100LM |
| CRI | >93 |
| Zoom Range | 3.8°-48° |
| LED life | 30000H |

### KEY FEATURES

| | |
|---|---|
| PAN | 540° |
| TILT | 270° |
| Color System | RGBWW |
| Zoom | Beam angle 3.8°~33°, Field angle 5.4°-48° |
| Strobe | 1-30HZ |
| Dimming | 0-100% linear dimming, 22Bit |

### CONTROL

| | |
|---|---|
| Protocol | DMX512/RDM/sACN/Artnet/Bluetooth/APP/NFC |
| DMX Channel | 16CH/34CH/31CH/60CH/82CH |
| Data Connections | 3pin(or 5pin) XLR IN/OUT, linking up to 32pcs |
| Display | 2.8 inch TFT display |
| Frequency | 600Hz/1.2KHz/2KHz/4KHz/6KHz/25KHz |
| Built-in programs | Yes |
| Pixel Control | Single control |

### POWER

| | |
|---|---|
| Mains | 100-240V,50/60Hz |
| Consumption | 230V@750W |
| Power connections | TrueCon In/Out |
| Maximum Power Connections | 3pcs |
| Power Factor | 230V@0.98 |
| Ambient | -10 ~ 45℃ |

### PHYSICAL

| | |
|---|---|
| Size | 429*277*492mm |
| Weight | 20Kg |
| IP rating | IP66 |
| Cooling | Aluminum alloy heat sink with low noise fan |
| Housing | Magnesium alloy, matte black finish |
| Installation | Sit-flat floor mounting, side hanging and flown mounting |
| Accessories | Omega Bracket, Power Cable |