



Model: CVQ144

The **ColorVibe Quad™144** achieves all the performance and pro-level features of its big brother, the RoadDog Quad™192, but with a slightly lower output and in a more affordable package. It's loaded with 18 high-output, 8-watt QUAD LEDs (Red, Green, Blue, White) for a total of 144 watts. This LED stage par packs major punch at 20,000+ lux. Having warm white as a 4th color, allows this fixture to produce a wide range of saturated colors, pastels and beautiful whites ranging from 3200°k to 6000°k – perfect for videography.

The **ColorVibe Quad™144** features ultra-smooth 16-bit dimming and flicker-free operation making this light perfect for large arenas, houses of worship, theaters, nightclubs, and architectural lighting. The 30° degree optics produce a medium-wide wash. For ease of programming, it features an LCD display with auto-locking buttons to prevent accidental mode changes. Another great feature rarely found on competing stage lights is the locking in/out power connectors. The whisper-quiet fan contains an advanced **variable speed fan** circuit to keep the fixture cool and ensure a long and reliable service life.

What is 16-bit Dimming?

Most LED pars are limited to an 8-bit digital dimming processor. Since 8-bit is only capable of 256 increments of intensity, jittering artifacts can be seen when dimming and cross-fading. Our new 16-bit processor is capable of 65,000 incremental steps, producing a far superior, butter-smooth dimming/cross-fading effect.

SPECIFICATIONS

- High-output 18 x 8-watt QUAD LEDs (Red, Green, Blue, White) 144 watts total
- **BluControl™** Operating Software:
 - Ultra smooth 16-bit dimming (zero dimming-jitter or scan issues)
 - Variable-speed fan circuit for extra long fan-life and near silent operation
 - LCD display panel for easy address and mode changes
 - High-temperature protection circuit, to extend lamp life (with F° temp display)
 - Stand alone programs: Auto Color, Gradual Fade, Audio, White 1, 2, 3
 - 4, 6, or 9 DMX channel mode options
 - DMX controllable mic sensitivity
 - Hours-of-use timer
 - Global calibration of red, green, blue, and white intensity
- 3200k halogen balance pure white LED chip
- In/Out lockable power connectors for power-linking fixtures (6 fixtures max.)
- Optional barn doors kit
- Heavy duty dual-yoke handle doubles as a floor stand for uplighting
- Wide wash beam angle: 30° Field angle: 48°
- Lux: 20,005 @ 1m (3.3 ft.) | 2560 @ 3m (9.9 ft.)
- LED lifespan 100,000 hrs (to >75% luminous, figures obtained by manufac. test conditions)
- Power / current: 120V, 60Hz: 185W, 1.5A operating current
- AC power: Autoswitching 100V-240V 50/60Hz
- Weight: 6.5 lbs, Size: 10 in x 8.75 in
- IP20 Ingress Protection - Indoor use only, do not submerge



144 watts output
20,000+ LUX



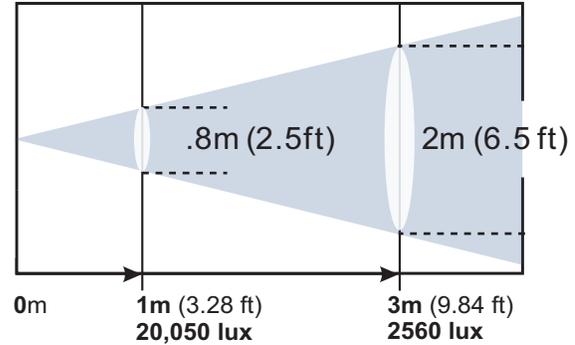
18x2w Red 18x2w Green 18x2w Blue 18x2w White

DMX CHANNEL PROTOCOL

FIXTURE CHANNEL	FUNCTION
Channel 1	MASTER DIMMER
Channel 2	RED
Channel 3	GREEN
Channel 4	BLUE
Channel 5	WHITE
Channel 6	STROBE
Channel 7	MACROS
Channel 8	MACRO SPEED
Channel 9	16 BIT DIMMING DELAY

PHOTOMETRICS

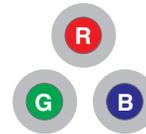
Wide-wash 30° Beam Angle
Lux measurements at 100% rgbw



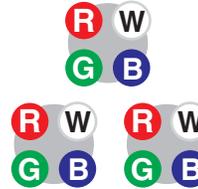
WHAT IS A QUAD-LED?

Sometimes referred to as “4-in-1” or “single-source”, Quad-LED technology is superior to traditional LEDs. Typically the RGB lamps are separated, one lamp under each lens – red, green, blue respectively, which creates RGB shadows. For some applications (such as theater) this may be a problem.

With the **ColorVibe Quad™144**, each lens contains all 4 RGBW lamps allowing color mixing to take place under the lens. This produces better colors, with no unwanted RGB shadows and superior color mixing at shorter distances.



Standard RGB LED light:
Only one color lamp under each lens



Quad-LED light:
Each lens contains all 4 colors

