



FEATURES & SPECIFICATIONS

Designed to endure the most rigorous and demanding lighting applications, the **RoadDog Quad™192** is loaded with 24 high-output, 8-watt QUAD LEDs (Red, Green, Blue, White) for a total of 192 watts producing an incredible 25,000 Lux. This fixture is an extremely bright, par 64 wash light, capable of a wide range of intense saturated or pastel colors. The warm white LEDs are color balanced at 3200°k with the ability to adjust white balance from 3200°k to 6000°k – perfect for videography. With QUAD technology, you'll get better color mixing with no unwanted RGB shadows.

The **RoadDog Quad™192** is a road-worthy par 64, housed in a sturdy cast-aluminum shell. Internal components are secured with locking nuts for a long and reliable service life. Its ultra-smooth 16-bit dimming and flicker-free operation make this light perfect for large arenas, video, houses of worship, theaters, nightclubs, and architectural lighting. The 30° degree optics produce a medium-wide wash. For ease of programming, it features **BluControl™** operating software developed and an easy to read LCD display. 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?

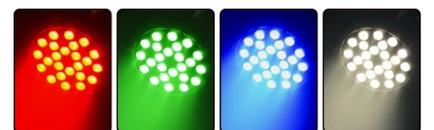
Most LED pars are limited to an 8-bit digital dimming processor. Since 8-bit is only capable of 256 increments of intensity, jittering artifacts can be seen when dimming and cross-fading. Our new 16-bit processor is capable of 65,000 incremental steps, producing a far superior, butter-smooth dimming/cross-fading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

SPECIFICATIONS

- High-output 24 x 8-watt QUAD LEDs (Red, Green, Blue, White) 192 watts total
- **BluControl™** Operating Software
 - Ultra smooth 16-bit dimming (zero dimming-jitter or scan issues)
 - Variable speed fan circuit for long fan-life and near silent operation
 - LCD display panel for easy address and mode changes
 - 3200k 'halogen balanced' pure white LED chip
 - 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
- In/Out lockable power connectors for power-linking fixtures
- All metal DMX input/output connectors
- Optional barn doors
- Dual-yoke handle doubles as a floor stand for uplighting
- Lux: 25,025 @ 1m | 3230 @ 3m | Beam angle: 30° Field angle: 48°
- Power: 120V, 60Hz | Current: 185W, 1.6A operating
- AC power: Auto switching 100V-240V 50/60Hz
- LED lifespan 100,000 hours (to >75% luminous, figures obtained by manf. test)
- Weight: 8.3 lbs, Size: 9 in x 8.5 in (see drawing on page 2)
- IP20 Ingress protection, indoor use only



192 watts output
25,000+ LUX



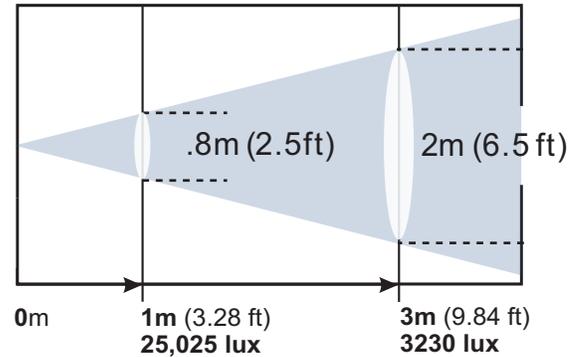
24x2w Red 24x2w Green 24x2w Blue 24x2w White

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

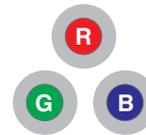
PHOTOMETRICS

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



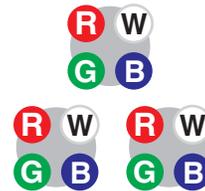
WHAT IS A QUAD-LED?

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.



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

With the *RoadDog Quad 192*, 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.



Quad-LED light:
Each lens contains all 4 colors



Built in dual-yoke floor stand
(shown with optional barn doors)