

Giant screens | Large-scale events and venues | Planetariums and domes Projection mapping | Sports venues | Theme parks and attractions

Pure laser. Pure performance. Pure excellence.

Take large-scale projection to new heights with the Christie® D4K40-RGB. This all-in-one, 45,000 lumen RGB pure laser projector raises the bar for design, image quality and processing. Featuring Christie Real Laser™ illumination technology and TruLife™ electronics, the D4K40-RGB is a powerhouse projector engineered to light up the largest canvases with spectacular visuals.

All-in-one design

What sets the Christie D4K40-RGB apart? Thanks to our engineering expertise, we designed the smallest and lightest high-brightness, large venue RGB laser projector available. There are no heavy external chillers, remote laser racks,

or special pedestals - everything is completely integrated into a single chassis.

Spectacular visuals

Our proprietary RGB pure laser illumination source provides an exceptionally wide color gamut and when combined with TruLife electronics and 4K resolution, allows the D4K40-RGB to reveal amazing depth of detail. Add optional high frame rate (HFR) capabilities up to 120fps, 5000:1 On/Off contrast ratio, omnidirectional capabilities, and the D4K40-RGB sets the new standard for large-scale projection.



Technical specifications Christie D4K40-RGB • 45.000 ISO lumens brightness Image • 40,000 ANSI lumens (typical) @ 25°C 41,000 center lumens (typical) @ 25°C • 5000:1 On/Off1 contrast • 3DLP® 1.38" sealed to the prism Display type technology resolution • 4096 x 2160 (4K) Illumination • RGB (red, green & blue) pure laser • 20,000 hrs² performance • Omnidirectional Orientation • Christie TruLife electronics, 1.2Gpx/s Image processing Frame rates • 24-60Hz standard Optional 96-120Hz 4K, 240-480Hz 2K scaled Inputs standard • 2 x 12G-SDI1 x HDMI 2.0 • 1 x DisplayPort 1.2 (HBMIC) • 1 x Fiber (QSFP+) for use with Christie Link Transmitter HDBaseT • Dual 3G SD/HD-SDI input card optional • Dual Link DVI input card · Quad DisplayPort input card • Twin HDMI input card • Terra (SDVoE) input card Warping and blending standard Christie Twist™ optional • Christie Twist Premium and Twist Pro • Christie Mystique® • Christie Guardian • 0.72:1 • 0.9:1 (available in standard and high contrast) • 1.13-1.31:1 • 1.31-1.63:1 • 1.63-2.17:1 • 1.99-2.71:1 271-389-1 • 3.89-5.43:1 (not available in the USA) Single phase 220 VAC, 19A, 4000W, 13,650 BTU/hr Input line voltage • Connector: 30A IEC309 Cooling · Liquid, self-contained Laser class • Class 1 - Risk Group 3 5-40°C (41-104°F) Operating environment • Relative humidity: 10-80% non-condensing

• (LxWxH): 37 x 28 x 21.8" (947 x 711 x 553mm) not including lens

• 285lbs (130kg)

Key features

Dimensions

 All-in-one, compact design – No external chillers, laser racks or parts, and a manageable weight of 285lbs makes it the smallest and lightest high-brightness laser projector available

size

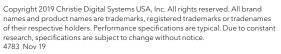
weight

- Omnidirectional Operates in any orientation for unlimited installation flexibility
- Christie TruLife electronics Delivers native 4K resolution, high frame rate video up to 240fps for unprecedented image fidelity
- High contrast Achieves 5,000:1 On/Off contrast for amazing depth of detail

- > Expanded color gamut Produces >95% of the Rec. 2020 color space for rich, vibrant and true-to-life visuals
- Energy efficient Operates on 220V single-phase power for lower cost of ownership
- Christie Twist Built-in image warping and multi-projector blending software
- 4K lens compatibility Compatible with most Christie
 4K lenses
- > Field replaceable RGB laser light source Provides easy service and replacement of the laser light source

For the most current specification information, please visit christiedigital.com













¹ Using high contrast lens.

 $^{^2}$ To 60% brightness when operated at 40,000 lumens OR 30,000 hours to 80% brightness when operated at 30,000 lumens from initial startup.