

Christie D4K40-RGB

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



Pure laser. Pure performance. Pure excellence.

Take large-scale projection to new heights with the Christie® D4K40-RGB. This all-in-one, 40,000 lumen RGB pure laser projector raises the bar for design, image quality and processing. Featuring Christie RealLaser™ illumination 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

Christie RealLaser 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 high frame rate capabilities up to 120fps, 5000:1 On/Off contrast ratio, omnidirectional capabilities, and the D4K40-RGB sets the new standard for large-scale projection.

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Specifications		Christie D4K40-RGB
Image	brightness	• 40,000 ANSI lumens (typical) @ 25°C
	contrast	• 5000:1 On/Off ¹
Display technology	type	• 3DLP® 1.38" sealed to the prism
	resolution	• 4096 x 2160 (4K)
Illumination	type	• Christie® RealLaser™ (solid state illumination)
	performance	• 20,000 hrs ²
Orientation		• Omnidirectional
Image processing		• Christie TruLife™ electronics, 1.2Gpx/s
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
	optional	• Dual 3G SD/HD-SDI input card • 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
Lenses		• 0.72:1 • 0.9:1 • 1.13-1.31:1 • 1.31-1.63:1 • 1.63-2.17:1 • 1.99-2.71:1 • 2.71-3.89:1 • 3.89-5.43:1 (not available in the USA)
Input line voltage		• Single phase 220 VAC, 19A, 3500W, 11,942 BTU/h • Connector: 30A IEC309
Cooling		• Liquid, self-contained
Laser class		• Class 1 - Risk Group 3
Operating environment		• 5-40°C (41-104°F) • Relative humidity: 10-80% non-condensing
Dimensions	size	• (LxWxH): 37 x 28 x 21.8" (947 x 711 x 553mm) not including lens
	weight	• 285lbs (130kg)

¹Using high contrast lens when available.

²To 60% brightness when operated at 40,000 lumens OR 30,000 hours to 80% brightness when operated at 30,000 lumens from initial start up.

Key features:

- › **All-in-one, compact design** - No external chillers, laser racks or parts, and a manageable weight of 285 lbs makes it the smallest and lightest high-brightness laser projector available
- › **Omnidirectional** - Operates in any orientation for increased installation flexibility
- › **Long-lasting, reliable light source** - Illumination performance of 20,000 hours
- › **High contrast** - Achieves 5,000:1 On/Off contrast for amazing depth of detail
- › **Expanded color gamut** - Produces >90% of the Rec. 2020 color space for rich, vibrant and true-to-life visuals
- › **Energy efficient** - Consumes less power than any other 40,000 lumen RGB laser projector with 220V single phase operation
- › **Christie Twist** - Built-in image warping and blending software
- › **4K lens compatibility** - Compatible with most Christie 4K lenses

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