

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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| Preliminary specifications | | Christie D4K40-RGB |
|----------------------------|--|---|
| Image | brightness | • 40,000 ANSI lumens (typical) @ 25°C |
| | contrast | • 5000:1 On/Off (w/ high contrast lens) |
| Display technology | type | • 3DLP® 1.38" sealed to the prism |
| | resolution | • 4096 x 2160 (4K) |
| Illumination | type | • Christie® RealLaser™ (solid state illumination) |
| | typical lifetime | • 30,000 hrs to 80% brightness |
| 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 |
| Lenses | Available in high brightness and high contrast | • 0.72:1 • 0.9:1 • 1.13-1.66:1 • 1.45-2.17:1 • 1.95-3.26:1 • 2.71-3.89:1 • 3.89-5.43:1 (not available in the USA) |
| Input line voltage | | • Single phase 220VAC, 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 (not including lens) | • (LxWxH): 37 x 28 x 21.8" (947 x 711 x 553mm) |
| | weight | • 285lbs (130kg) |
| Sound level | | • TBD |

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** - 30,000 hours to 80% brightness
- › **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 Terra input card** - Seamlessly integrates into SDVoE networks
- › **Boxer lens compatibility** - Compatible with most Christie Boxer lenses

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