

# CHRISTIE D4K40-RGB

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, 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 optional 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.



**CHRISTIE®**

## Technical specifications

## Christie D4K40-RGB

Image	brightness	• 40,000 ANSI lumens (typical) @ 25°C
	contrast	• 5000: 1 On/Off <sup>1</sup>
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 <sup>2</sup>
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 (available in standard and high contrast)		• 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, 4000W, 13,650 BTU/hr • 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)

<sup>1</sup> Using high contrast lens.

<sup>2</sup> To 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 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](http://christiedigital.com)



Copyright 2019 Christie Digital Systems USA, Inc. All rights reserved. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Christie Digital Systems Canada Inc.'s management system is registered to ISO 9001 and ISO 14001. Performance specifications are typical. Due to constant research, specifications are subject to change without notice. Printed in Canada on recycled paper. 4783 Jun 19



CHRISTIE  
RealLaser™



**CHRISTIE**®