

# CHRISTIE GRIFFYN 4K32-RGB

Large-scale events and venues | Rental and staging  
Projection mapping | Sports venues | Theme parks and attractions

## Pure laser. Pure performance. Pure excellence.

The Christie® Griffyn™ 4K32-RGB pure laser projector. A technological marvel combining Christie's superior electronics, our proprietary RGB laser illumination architecture with integrated cooling and a sealed optical path for reliable illumination performance creating capabilities that will impress you.

Ready to illuminate any surface with 34,000 lumens while operating at less than 46dBA at full brightness, we designed and built this highly advanced projector for demanding large venue applications on the ground or 'in the air'.

### Design excellence

Talk about engineering expertise: this compact and powerful all-in-one, omnidirectional projector is our first to offer our new TruLife+ electronics platform with all-in-one connectivity, eliminating the hassle of removable option cards. It also includes our new digital convergence that you can adjust via remote control for easy picture-perfect alignment. The Griffyn 4K32-RGB raises the bar in RGB pure laser projection performance.

### Spectacular visuals

Griffyn 4K32-RGB produces an exceptionally wide color gamut, achieving >96% of the Rec. 2020 color space—more than twice the color of Rec. 709 and 50% more than DCI-P3-capable projectors—for an enhanced audience experience.

And optional high frame rate (HFR) capability to achieve 120Hz at 4K resolution or up to 480Hz with 2K resolution. Ready to transport your audience to colorful new worlds, Griffyn not only raises the bar for RGB pure laser projection but soars above it.



**CHRISTIE®**

## Technical specifications

## Christie Griffyn™ 4K32-RGB

Image	brightness	<ul style="list-style-type: none"> <li>• 34,000 ISO lumens</li> <li>• 30,000 ANSI lumens<sup>1</sup></li> <li>• 31,000 center lumens</li> </ul>
	contrast	<ul style="list-style-type: none"> <li>• 5000:1 On/Off<sup>2</sup></li> </ul>
Display technology	type	<ul style="list-style-type: none"> <li>• Dust-sealed 3DLP® (1.38")</li> </ul>
	resolution	<ul style="list-style-type: none"> <li>• 4096 x 2160 (4K)</li> </ul>
Sound		<ul style="list-style-type: none"> <li>• &lt;46dBA at full brightness</li> </ul>
Illumination	type	<ul style="list-style-type: none"> <li>• RGB (red, green &amp; blue) pure laser</li> </ul>
	performance	<ul style="list-style-type: none"> <li>• 25,000 hours<sup>3</sup></li> </ul>
Orientation		<ul style="list-style-type: none"> <li>• Omnidirectional</li> </ul>
Image processing		<ul style="list-style-type: none"> <li>• Christie TruLife+ electronics, 1.2Gpx/s</li> </ul>
Frame rates		<ul style="list-style-type: none"> <li>• 24-60Hz standard</li> <li>• Optional 96-120Hz 4K, 240-480Hz 2K scaled</li> </ul>
Inputs	standard	<ul style="list-style-type: none"> <li>• 4 x 12G-SDI</li> <li>• 2 x HDMI 2.0</li> <li>• 2 x DisplayPort 1.2 (HBMIC)</li> <li>• Fiber (QSFP+) for use with Christie Link Transmitter (1 input/1 output)</li> <li>• HDBaseT</li> <li>• Terra® (SDVoE)</li> <li>• Audio out</li> </ul>
Warping and blending	standard	<ul style="list-style-type: none"> <li>• Christie Twist™</li> </ul>
	optional	<ul style="list-style-type: none"> <li>• Christie Twist Premium and Twist Pro</li> <li>• Christie Mystique™</li> <li>• Christie Guardian</li> </ul>
Lenses (available in standard and high contrast)		<ul style="list-style-type: none"> <li>• 0.38:1 UST</li> <li>• 0.72:1</li> <li>• 0.9:1</li> <li>• 1.13-1.31:1</li> <li>• 1.31-1.63:1</li> <li>• 1.63-2.17:1</li> <li>• 1.99-2.71:1</li> <li>• 2.71-3.89:1</li> <li>• 3.89-5.43:1 (not available in the USA)</li> </ul>
Input line voltage		<ul style="list-style-type: none"> <li>• Single phase 200-240 VAC, 16A, 3200W, 10,920 BTU/hr</li> <li>• Connector: 30A IEC60320 C20 Inlet</li> </ul>
Cooling		<ul style="list-style-type: none"> <li>• Liquid, self-contained</li> </ul>
Laser class		<ul style="list-style-type: none"> <li>• Class 1 – Risk Group 3</li> </ul>
Operating environment		<ul style="list-style-type: none"> <li>• 5-40°C (41-104°F)</li> <li>• Relative humidity: 10-80% non-condensing</li> </ul>
Dimensions	size	<ul style="list-style-type: none"> <li>• (LxWxH): 36.3 x 25 x 15" (922 x 635 x 380mm) not including lens</li> </ul>
	weight	<ul style="list-style-type: none"> <li>• 175 lbs (79.4kg)</li> </ul>

<sup>1</sup> (typical) @ 25°C

<sup>2</sup> Using ultra high contrast lens

<sup>3</sup> to 50% brightness

### Key features

- › **All-in-one, compact design** – No external chillers, laser racks or parts, and a manageable weight of 175lbs makes it the smallest and lightest high-brightness RGB laser projector available
- › **Digital convergence** – Easily adjust convergence using the remote control to maintain a perfect image
- › **Omnidirectional** – Operates in any orientation for unlimited installation flexibility
- › **Christie TruLife+ electronics** – Delivers native 4K at 120Hz, or up to 480Hz with 2K resolution for unprecedented image fidelity
- › **Quiet operation** – Operates below 46dBA at maximum brightness
- › **Expanded color gamut** – Produces >96% 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** – For easy service and replacement

For the most current specification information, please visit [christiedigital.com](http://christiedigital.com)

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