

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.

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

Ready to illuminate any surface with 34,000 lumens while operating at less than 46 dBA at full brightness, the highly advanced Griffyn 4K32-RGB is designed for demanding large-venue applications on the ground or in the air.

Design excellence

Talk about engineering expertise: this powerful all-in-one, omnidirectional projector is our first to offer our new TruLife+ electronics platform with all-in-one connectivity, which eliminates the hassle of removable option cards. Griffyn also includes our new electronic color convergence (ECC), which allows you to adjust convergence via remote control for easy, picture-perfect color 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.

The high frame rate (HFR) Mirage option delivers 4K content at 120Hz and 3D operation at 60Hz per eye. And with Mirage Pro, Griffyn also supports frame rates of up to 480Hz at 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"> • 34,000 ISO lumens • 30,000 ANSI lumens^{1,2,3}
	contrast	• 5000:1 On/Off ³ with high-contrast lens
Display technology	type	• Dust-sealed 3DLP® (1.38")
	resolution	• 4096 x 2160 (4K)
Sound		• 43 dBA ^{4,6} / 46 dBA ^{5,6}
Illumination	type	• Solid-state RGB (red, green & blue) pure laser
	performance	• 25,000 hours ⁷
Orientation		• Omnidirectional
Image processing		• Christie TruLife+ electronics, 1.2Gpx/s
Frame rates	standard	• 24-60Hz
	optional	<ul style="list-style-type: none"> • Mirage option: 120Hz at 4K resolution and 4K 3D content at 60Hz per eye • Mirage Pro option: all the features of the Mirage option plus 240-480Hz at 2K resolution, and Christie View simultaneous multi-content viewer
Inputs	standard	<ul style="list-style-type: none"> • 4 x 12G-SDI • 2 x HDMI 2.0 • 2 x DisplayPort 1.2 • HDBaseT • Terra® (SDVoE) • Audio out • Fiber (QSFP+) for use with Christie Link Transmitter (1 input/1 output)
Warping and blending	standard	<ul style="list-style-type: none"> • Christie Twist™ • Christie Mystique™ Lite can be downloaded at no extra charge
	optional	<ul style="list-style-type: none"> • Christie Twist Premium and Twist Pro • Christie Mystique™ • Christie Guardian
Multi-projector management	optional	• Christie Conductor - monitors/controls up to 256 projectors on a single network and can be downloaded at no extra charge
Lenses (available in standard and UHC)		<ul style="list-style-type: none"> • 0.38:1 UST high brightness (ILS4) • 0.72:1 high brightness (ILS4) • 0.9:1 high brightness (ILS4) • 1.13-1.66:1 high brightness (ILS4) • 1.45-2.17:1 high brightness (ILS4) • 1.95-3.26:1 high brightness (ILS4) • 2.71-3.89:1 high brightness (ILS4) • 3.89-5.43:1 high brightness (ILS4) • 0.72:1 ultra high contrast (ILS4) • 0.9:1 Ultra ultra high contrast (ILS4) • 1.13-1.66:1 ultra high contrast (ILS4) • 1.45-2.17:1 ultra high contrast (ILS4) • 1.95-3.26:1 ultra high contrast (ILS4) • 2.71-3.89:1 ultra high contrast (ILS4) • 3.89-5.43:1 ultra high contrast (ILS4)⁸
Input line voltage		<ul style="list-style-type: none"> • Single phase 200-240 VAC, 13A, 2600W max (8,870 BTU/hr) • Connector: IEC60320 C20 Inlet
Cooling		• Liquid, self-contained
Laser class		• Class 1 – Risk Group 3
Operating environment		<ul style="list-style-type: none"> • 5-40°C (41-104°F) • Relative humidity: 10-80% non-condensing
Dimensions	size	• (LxWxH): 36.3 x 25 x 15" (922 x 635 x 380mm) not including lens
	weight	• 170lbs (77.3 kg) ⁹

¹ D65 white measured at 23°C

² Based on 9-Point average

³ Brightness is reduced by 30% with use of high-contrast lens

⁴ Quiet fan mode up to 30°C

⁵ Standard fan mode up to 25°C

⁶ Sound pressure measurement, measuring conditions, and method of notation all comply with ISO7779-1999. Sound level may vary between units

⁷ To 50% brightness based on 9-Point average (results may vary depending on environmental conditions i.e. ambient temperature, humidity, dust, smog, other contaminants)

⁸ Requires lens hood extension for Class 1 RG3

⁹ Without lens

Key features

- › **All-in-one, compact design** – No external chillers, laser racks or parts, and a manageable weight of 170lbs makes it one of the smallest and lightest high-brightness RGB laser projectors available
- › **Electronic color convergence (ECC)** - Easily adjust convergence via remote control for picture-perfect color alignment
- › **Omnidirectional** – Operates in any orientation for unlimited installation flexibility
- › **Christie TruLife+ electronics** – Native 4K at 60Hz is standard. The Mirage option delivers 120Hz operation at 4K or 4K 3D content at 60Hz per eye. The Mirage Pro option adds further capabilities: 240-480Hz at 2K resolution and Christie View (simultaneous multi-content viewer)
- › **Quiet operation** – Operates below 46 dBA at maximum brightness^{5,6}
- › **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 all Christie 3DLP® 4K lenses
- › **Field-replaceable RGB laser light source** – For easy service and replacement

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

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