

CHRISTIE GRIFFYN 4K32-RGB

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. Its capabilities will impress you.

Ready to illuminate any surface with 34,000 lumens while operating at less than 46dBA 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 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 Griffyn's optional high frame rate (HFR) capability achieves 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.



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Technical specifications

Christie Griffyn™ 4K32-RGB

Image	brightness	<ul style="list-style-type: none"> • 34,000 ISO lumens • 30,000 ANSI lumens^{1,2} • 31,500 center lumens¹
	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	• 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 • Fiber (QSFP+) for use with Christie Link Transmitter (1 input/1 output) • HDBaseT • Terra® (SDVoE) • Audio out
Warping and blending	standard	• Christie Twist™
	optional	<ul style="list-style-type: none"> • Christie Twist Premium and Twist Pro • Christie Mystique™ • Christie Guardian
Lenses (available in standard and UHC)		<ul style="list-style-type: none"> • 0.37:1 (UST) • 0.72:1 (HC) • 0.9:1 (HC) • 1.13-1.31:1 • 1.13-1.66:1 (HC) • 1.31-1.63:1 • 1.45-2.17:1 (HC) • 1.63-2.17:1 • 1.95-3.26:1 (HC) • 1.99-2.71:1 • 2.71-3.89:1 (HC) • 3.89-5.43:1 (HC – lens not available in the USA)
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) ⁸

¹ D65 white measured at 23°C with 1.63-2.17:1 lens (144-105107-xx), 80% RH max, 300m altitude max, Standard fan mode. Light output may vary by up to ±10%

² 9-Point average

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

⁴ Quiet fan mode, up to max brightness, ambient temp under 33°C

⁵ Standard fan mode, up to max brightness, ambient temp under 29°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 (results may vary depending on environmental conditions i.e. dust, smog, other contaminants)

⁸ Without lens, weight may vary between units.

Key features

- › **All-in-one, compact design** – No external chillers, laser racks or parts, and a manageable weight of 170lbs 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** – 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 46dBA 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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CD1961_Christie Griffyn 4K32-RGB_Datasheet_April 2021 EN



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