

CHRISTIE GRIFFYN 4K35-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 4K35-RGB™ pure laser projector combines superior Christie 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 36,500 lumens while operating at 44.5dBA at full brightness, the highly advanced Griffyn 4K35-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 uses our TruLife+™ electronics platform with all-in connectivity, eliminating the hassle of removable option cards. Griffyn also includes our electronic color convergence (ECC), which allows you to adjust convergence via remote control for easy, picture-perfect color alignment. The Griffyn 4K35-RGB raises the bar in RGB pure laser projection performance.

We thought of everything

- › All-in-one, compact design – No external chillers or laser racks and a manageable weight of 179 lbs.
- › Expanded color gamut – Produces ~98% of the Rec. 2020 color space for rich, vibrant and true-to-life visuals
- › Christie TruLife+ electronics – every connection you need is built-in, at no extra cost
- › Electronic color convergence (ECC) – Easily adjust convergence via remote control for picture-perfect color alignment
- › Dual voltage operation – single-phase 200-240 VAC at full brightness or 100-120 VAC at reduced brightness which more than doubles the lifetime of the laser optical system
- › Christie Twist™ – Built-in image warping and multi-projector blending software
- › Christie Mystique™ – automated camera-based alignment software, quickly install, align, and calibrate and maintain multi-projection systems in minutes.
- › 4K lens compatibility – Compatible with all Christie 3DLP® ILS4 4K lenses



CHRISTIE®

Technical specifications

Christie Griffyn 4K35-RGB

Image	brightness	<ul style="list-style-type: none"> • 36,500 ISO lumens • 32,500 ANSI lumens ^{1,2,3} • 14,600 ISO / 13,000 ANSI in limited brightness mode 	
	contrast	<ul style="list-style-type: none"> • 2000:1 On/Off • 5000:1 On/Off ² with high-contrast lens 	
Display technology	type	• Dust-sealed 3DLP [®] (1.38")	
	resolution	• 4096 x 2160 (4K)	
Sound		• 44.5dBA ^{4,5}	
Illumination	type	• Solid-state RGB (red, green & blue) pure laser	
	performance	<ul style="list-style-type: none"> • 25,000 hours to 50% brightness when operated at 100% brightness ⁶ • 50,000 hours to 50% brightness when operated at 60% brightness ⁶ 	
	color performance	• ~98% coverage of Rec. 2020	
	field replaceable	• Yes	
Orientation		• Omnidirectional	
Image processing		• Christie TruLife+™ electronics, 1.2Gpx/s	
Frame rates	standard	• 24-60Hz	
	optional	<ul style="list-style-type: none"> • Christie Mirage option: 4K@120Hz and 4K 3D@60Hz per eye • Christie Mirage Pro option: all the features of the Mirage option plus 2K@240-480Hz 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 • 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 - Essentials, ProVenue, Premium & Large Scale Editions • 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	high brightness	<ul style="list-style-type: none"> • 0.38:1 UST high brightness (ILS4)² • 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) 	<ul style="list-style-type: none"> • 1.95-3.26:1 high brightness (ILS4) • 2.71-3.89:1 high brightness (ILS4) • 3.89-5.43:1 high brightness (ILS4) • 4.98-7.69:1 high brightness (ILS4)⁷
	ultra high contrast ²	<ul style="list-style-type: none"> • 0.72:1 ultra high contrast (ILS4) • 0.9:1 ultra high contrast (ILS4) • 1.13-1.66:1 ultra high contrast (ILS4) • 1.45-2.17:1 ultra high contrast (ILS4) 	<ul style="list-style-type: none"> • 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)
Power	line voltage	<ul style="list-style-type: none"> • Single phase 200-240 VAC, 14A • Connector: IEC60320 C20 Inlet 	
	power consumption	<ul style="list-style-type: none"> • 1800W typical (6,140 BTU/hr) • 2800W max (9,553 BTU/hr) 	
	low line power consumption	• Limited brightness mode: 100-120V, 12A, 1200W max (4100 BTU/hr) ⁸	
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 	
		• Limited brightness mode: 100-120V, 12A, 1200W max (4100 BTU/hr) ⁸	
Dimensions	size	• (LxWxH): 36.3 x 25 x 15" (922 x 635 x 380mm) ⁹	
	weight	• 179lbs (81kg) ⁹	

¹ D65 white measured at 23 C (73.4 F)

² Brightness is reduced up to 30% with the use of a high-contrast lens and ultra short throw lens

³ In ambient temperatures up to 35 C

⁴ 43dBA in quiet fan mode at 23 C

⁵ Sound pressure measurement, measuring conditions, and method of notation all comply with ISO7779-1999. Sound level may vary between units

⁶ To 50% brightness. Based on 9-point average (results may vary depending on environmental conditions i.e., ambient temperature, humidity, dust, smog, or other contaminants.)

⁷ Requires lens hood extension for Class 1, Risk Group 3

⁸ Power cord not included for limited brightness mode

⁹ Without lens

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

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