

CHRISTIE GRIFFYN 4K35-RGB

Large venues | Live events & performing arts | Planetariums & museums |
Projection mapping | Rental & staging | Sports venues | Theme parks & attractions

Pure laser. Pure color. Pure excellence.
Raising the bar in projection performance.

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 performance and capabilities that will impress you.

Ready to illuminate any surface with 36,500 lumens while operating at <45dBA at full brightness, this powerful projector is designed for demanding large-scale applications on the ground or in the air.

Griffyn 4K35-RGB uses our TruLife+™ electronics platform with all-in connectivity, eliminating the hassle of removable option cards because every connection you need is built in. It also includes our electronic color convergence, which allows you to adjust convergence via remote control for easy, picture-perfect color alignment.

Key features

- › **Enjoy simplified installation and maintenance:** Griffyn 4K35-RGB has a compact 179lb chassis, and features omnidirectional operation and a field-replaceable light source.
- › **Experience rich, vibrant, and true-to-life visuals** with Griffyn 4K35-RGB's expanded color gamut — ~98% of the Rec. 2020 color space.
- › **Make the most of dual voltage operation:** Single-phase 200-240VAC at full brightness or 100-120VAC at reduced brightness which more than doubles the lifetime of the laser optical system.
- › **Maintain color balance and brightness over time,** regardless of fluctuations in ambient temperature, with Christie LiteLOC™.
- › **Take advantage of the convenience and cost savings** of Griffyn 4K35-RGB's compatibility with all Christie 3DLP ILS4 native 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 ^{1,2,4} • 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 ^{5,6}
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 ⁷ • 50,000 hours to 50% brightness when operated at 60% brightness ⁷
	color performance	• ~98% coverage of Rec. 2020
	field replaceable	• Yes
Orientation		• Omnidirectional
Image processing		• Christie TruLife+™ electronics, 1.2Gpx/s
Frame rates	standard	• 24-60 Hz
	optional	<ul style="list-style-type: none"> • Christie® Mirage option: 96-120 Hz 4K in 2D or 4K 3D at 48-60 Hz per eye • Christie Mirage Pro option: Mirage plus 2K at 240-480 Hz or 2K 3D at 120-240 Hz per eye, and Christie View simultaneous multi-content viewer at 240 Hz at 2K via four feeds of 60 Hz. Scales to fill the chip.
Inputs	standard	<ul style="list-style-type: none"> • HDMI 2.1 • 2 x HDMI 2.0 • 4 x Micro BNC (12G-SDI) • 2 x DisplayPort 1.4 • 2 x DisplayPort 1.2 • Fiber (QSFP+) for use with Christie Link Transmitter (1 input/1 output) • SDVoE (Christie Terra®) • 3D Sync (1 input/1 output)
Control		<ul style="list-style-type: none"> • Ethernet - Control and Web UI • RS232 (Serial) • GPIO • Wired keypad
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"> • Twist Premium and Twist Pro • Mystique - Essentials, Pro Venue, Premium & Large Scale Experience Editions
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)⁸
	ultra high contrast ³	<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, 14 A • Connector: IEC60320 C20 Inlet
	power consumption	<ul style="list-style-type: none"> • 1,800W typical (6,140 BTU/hr) • 2,800W max (9,553 BTU/hr)
	low line power consumption	• Limited brightness mode: 100-120V, 12 A, 1200W max (4100 BTU/hr) ⁹
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 (without lens)	size (LxWxH)	• 36.3 x 25 x 15" (922 x 635 x 380mm)
	shipping size (LxWxH)	• 47 x 33 x 30" (1194 x 838 x 762mm)
	weight	• 179lbs (81kg)
	shipping weight	• 249lbs (112.9kg)
Warranty		<ul style="list-style-type: none"> • Three years parts and labor • Reference the Christie Standard Limited Warranty document for details or contact an authorized Christie representative for full details of our limited warranty

¹ D65 white measured at 23 C (73.4 F)

² Brightness is reduced up to 30% with the use of the UST lens. Focus drift will occur with this lens when switching between prolonged periods of light and dark content.

³ Brightness is reduced up to 30% with the use of a high contrast lens

⁴ In ambient temperatures up to 35 C

⁵ 43dBA in quiet fan mode at 23 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, or other contaminants.)

⁸ Requires lens hood extension for Class 1, Risk Group 3

⁹ Power cord not included for limited brightness mode

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

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