

# 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 is built for demanding large-scale applications. It combines Christie TruLife+™ electronics, a solid-state RGB pure laser illumination system, and a sealed optical engine for stable operation, long service life, and energy-efficient performance.

Griffyn 4K35-RGB delivers premium color reproduction with support for Rec. 709, P3, and up to 98% of the Rec. 2020 color space, enabling rich, vibrant, high-fidelity visuals.

With integrated, all-in connectivity, every input you need is built in. No option cards. No add-ons. Just a streamlined setup and dependable signal management.

Designed to illuminate any surface with 36,500 lumens, the powerful Griffyn 4K35-RGB is ready to deliver high-impact visual experiences backed by proven operational reliability.

## Key features

- › **Enjoy simplified installation and serviceability:** Griffyn 4K35-RGB has a compact chassis and features omnidirectional operation and a field-replaceable light source.
- › **Easily maintain picture-perfect color alignment:** Converge colors mechanically or use electronic color convergence via remote control, offering flexibility for a wide range of applications.
- › **Preserve color balance and brightness over time,** regardless of fluctuations in ambient temperature, with Christie LiteLOC™.
- › **Make the most of 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.
- › **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 <sup>1,2,3,4</sup>	<ul style="list-style-type: none"> <li>• 36,500 ISO lumens</li> <li>• 32,500 ANSI lumens</li> <li>• 14,600 ISO / 13,000 ANSI in limited brightness mode</li> </ul>
	contrast	<ul style="list-style-type: none"> <li>• 2,000:1 On/Off</li> <li>• 5,000:1 On/Off<sup>2</sup> with high-contrast lens<sup>3</sup></li> </ul>
	Christie RealBlack™	<ul style="list-style-type: none"> <li>• Reduces light output to zero (true black) whenever the projector detects full black frames in the video source content.</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>• 44.5 dBA<sup>5,6</sup></li> </ul>
Illumination	type	<ul style="list-style-type: none"> <li>• Solid-state RGB (red, green &amp; blue) pure laser</li> </ul>
	performance	<ul style="list-style-type: none"> <li>• 25,000 hours to 50% brightness when operated at 100% brightness<sup>7</sup></li> <li>• 50,000 hours to 50% brightness when operated at 60% brightness<sup>7</sup></li> </ul>
	color performance	<ul style="list-style-type: none"> <li>• Rec. 709, P3, and ~98% coverage of Rec. 2020</li> </ul>
	field replaceable	<ul style="list-style-type: none"> <li>• Yes</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, 1.2 Gpx/s</li> </ul>
Frame rates	standard	<ul style="list-style-type: none"> <li>• 24–60 Hz</li> </ul>
	optional	<ul style="list-style-type: none"> <li>• Christie® Mirage option: 96–120 Hz 4K in 2D or 4K 3D at 48–60 Hz per eye</li> <li>• 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.</li> </ul>
Inputs	standard	<ul style="list-style-type: none"> <li>• 1 x HDMI 2.1</li> <li>• 2 x HDMI 2.0</li> <li>• 2 x DisplayPort 1.4</li> <li>• 2 x DisplayPort 1.2</li> <li>• 4 x 12G-SDI (full-size BNC)</li> <li>• SDVoE</li> <li>• Christie Link 1 input/1 output (2x Fiber/QSFP+)</li> <li>• 3D Sync (1 input/1 output)</li> </ul>
Control		<ul style="list-style-type: none"> <li>• Ethernet - Control and Web UI</li> <li>• RS232 (Serial)</li> <li>• GPIO</li> <li>• Wired keypad</li> </ul>
Warping and blending	standard	<ul style="list-style-type: none"> <li>• Christie Twist™</li> <li>• Christie Mystique™ Lite (complimentary software download)</li> </ul>
	optional	<ul style="list-style-type: none"> <li>• Twist Premium and Twist Pro</li> <li>• Mystique - Essentials, Pro Venue, Premium &amp; Large Scale Experience Editions</li> </ul>
Multi-projector management	optional	<ul style="list-style-type: none"> <li>• Christie Conductor monitors/controls up to 256 projectors on a single network (complimentary software download)</li> </ul>
Lenses	high brightness	<ul style="list-style-type: none"> <li>• 0.38:1 UST high brightness (ILS4)<sup>2</sup></li> <li>• 0.72:1 high brightness (ILS4)</li> <li>• 0.9:1 high brightness (ILS4)</li> <li>• 1.13-1.66:1 high brightness (ILS4)</li> <li>• 1.45-2.17:1 high brightness (ILS4)</li> <li>• 1.95-3.26:1 high brightness (ILS4)</li> <li>• 2.71-3.89:1 high brightness (ILS4)</li> <li>• 3.89-5.43:1 high brightness (ILS4)</li> <li>• 4.98-7.69:1 high brightness (ILS4)<sup>8</sup></li> </ul>
	ultra high contrast <sup>3</sup>	<ul style="list-style-type: none"> <li>• 0.9:1 ultra high contrast (ILS4)</li> <li>• 1.13-1.66:1 ultra high contrast (ILS4)</li> <li>• 1.45-2.17:1 ultra high contrast (ILS4)</li> <li>• 1.95-3.26:1 ultra high contrast (ILS4)</li> <li>• 2.71-3.89:1 ultra high contrast (ILS4)</li> <li>• 3.89-5.43:1 ultra high contrast (ILS4)</li> </ul>
Power	line voltage	<ul style="list-style-type: none"> <li>• Single phase 200–240 VAC, 14 A</li> <li>• Connector: IEC60320 C20 Inlet</li> </ul>
	power consumption	<ul style="list-style-type: none"> <li>• 1,800W typical (6,140 BTU/hr)</li> <li>• 2,800W max (9,553 BTU/hr)</li> </ul>
	low line power consumption	<ul style="list-style-type: none"> <li>• Limited brightness mode: 100–120 V, 12 A, 1,200W max (4,100 BTU/hr)<sup>9</sup></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 (without lens)	size (LxWxH)	<ul style="list-style-type: none"> <li>• 36.3 x 25 x 15" (922 x 635 x 380 mm)</li> </ul>
	shipping size (LxWxH)	<ul style="list-style-type: none"> <li>• 47 x 33 x 30" (1194 x 838 x 762 mm)</li> </ul>
	weight	<ul style="list-style-type: none"> <li>• 179 lbs (81 kg)</li> </ul>
	shipping weight	<ul style="list-style-type: none"> <li>• 249 lbs (112.9 kg)</li> </ul>
TAA-compliant		<ul style="list-style-type: none"> <li>• Optional</li> </ul>
Regulatory		<ul style="list-style-type: none"> <li>• This product conforms to all relevant European directives, standards, safety, health, and environmental concerns</li> <li>• Directives: RoHS · REACH · WEEE · Contact Christie for timing of certifications: UL/CSA/IEC 62368-1</li> <li>• FCC Class A · UL · CE · FDA · CCC · KC · PSE · VCCI · RCM · Mexico · BSMI</li> </ul>
Warranty		<ul style="list-style-type: none"> <li>• Three years parts and labor</li> <li>• Reference the Christie Standard Limited Warranty document for details or contact an authorized Christie representative for full details of our limited warranty</li> </ul>

<sup>1</sup> Brightness level is +/- 10%. D65 white measured at 23 C (73.4 F)

<sup>2</sup> 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.

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

<sup>4</sup> In ambient temperatures up to 35 C

<sup>5</sup> 43 dBA in quiet fan mode at 23 C. 44.5 dBA in standard fan mode at 23 C

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

<sup>7</sup> 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.)

<sup>8</sup> Requires lens hood extension for Class 1, Risk Group 3

<sup>9</sup> Power cord not included for limited brightness mode

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

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