

# INTEGRATED SOLUTIONS FOR DOMES AND PLANETARIUMS

Delight your audience with awe-inspiring  
immersive experiences



**CHRISTIE®**

A large audience is seated in a theater, looking towards a stage. The stage is illuminated with vibrant, colorful lights, creating a dynamic and immersive atmosphere. The audience is seen from behind, filling the lower half of the frame. The stage area is dominated by a large, bright projection of a colorful, abstract scene with swirling patterns in shades of purple, pink, orange, and blue. The overall scene conveys a sense of being part of a high-tech, immersive entertainment experience.

# **IMMERSE** **YOUR AUDIENCE**

Christie® can specify an integrated projection solution to meet your technical requirements, scale to your specific environment, and fit your budget.

Whether you're looking for partial dome coverage comparable to 15/70 film, or an 8K or higher full dome experience, Christie® has an array of solutions that provide the brightness, contrast, resolution, image uniformity and dome coverage your venue needs.

The display technology is just one part of an integrated solution. Our powerful Christie Mystique® auto-alignment software and Pandoras Box® processing and show control tools keep your projection system performing optimally.

- › **No surprise extras:** Projection system design, installation and commissioning are included in our quotation.
- › **Worry-free investment:** Our five-year warranty ensures you have peace of mind.
- › **No mandatory service contracts :** You are in charge. Choose from a range of service and support options.
- › **Financing:** We are happy to work with you on the purchase model that best suits your institutional needs.

› Christie Eclipse,  
Christie Mirage SST  
& Christie D4K40-RGB



◀ US Space and Rocket Center

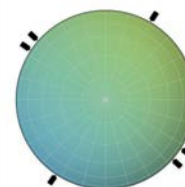
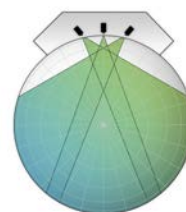
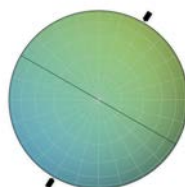
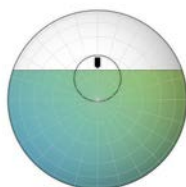
# CHRISTIE D4K40-RGB

All-in-one, 40,000 lumen, 4K projectors with no external chillers or laser racks. Add high frame rate capabilities up to 120fps at 4K, 5000:1 On/Off contrast ratio, omnidirectional capabilities, and the 4K40-RGB models set a new standard for large-scale projection.



These are examples of integrated solutions using D4K40-RGB. Final system specifications are subject to customer requirements and environment.

Contact your Christie representative for a detailed proposal.



		1 Channel	2 Channel	3 Channel	6 Channel
<b>Components included</b>	Projector	• D4K40-RGB			
	Lens	• 180° x 125° FOV lens	• 105° x 53° FOV lens	• 0.72:1 high contrast	
	Quantity	• 1	• 2	• 3	• 6
	Content delivery	• Christie® Pandoras Box®			
	Alignment solution	• No	• Christie Mystique®		
	Projector stand	• Yes			
	AV rack	• Yes			
	Projection management and design	• Included			
	Installation and commissioning	• Included			
<b>Main display</b>	Brightness (at 90% power)	• <1 fL	• <3.4 fL	• <3.5 fL	• <4.6 fL
	Contrast (projector + lens)	• <5000:1			
	Native resolution	• < 8.8 megapixels	• < 16.4 megapixels	• < 22.5 megapixels	• < 45 megapixels
	Dome coverage (estimated)	• 180° (H) x 125° (V)	• 180° (H) x 180° (V)	• 190° (H) x 125° (V)	• 180° (H) x 180° (V)
	Frame rate (standard)	• 24-60Hz			
	Frame rate (optional)	• 96-120Hz 4K or 240-480Hz 2K			
<b>Content delivery</b>	Server storage	• < 14.4TB			
	Video inputs for alternate content	• Included: Dual HDMI (supports HDMI 2.0 and HDMI 1.4) • Optional <sup>1</sup> : Quad 3G SDI, Dual DP 1.2 or Dual DVI <sup>2</sup>			
<b>Physical</b>	Screen dimensions	• 60' diameter			• 68' diameter
	Screen gain	• .38			
	Projector dimensions (L x W x H)	• 37" x 28" x 21.8" (947mm x 711mm x 553mm)			
	Power (per projector)	• 220 VAC, 19A, 4000W			
	Heat load (per projector)	• 13,650 BTU/hr			
<b>Performance</b>	Extended warranty	• Five years parts and labor. See your Christie representative for details of our limited warranty.			
	Support options	• See your Christie representative for details about our service and support plans.			
<b>Optional 3D projection</b>	Active 3D system	• The D4K40-RGB can be upgraded to Mirage 4K40-RGB to support active 3D stereoscopic operation. See your Christie representative for specifications and pricing.			
<b>Optional cinema</b>	DCI compliant inset	• Yes <sup>3</sup>			

<sup>1</sup>A second input card can be added at an additional cost.  
<sup>2</sup>DVI is limited to 8-bit.  
<sup>3</sup>Utilizing optional Christie CineLife™ Series projector.

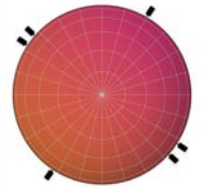
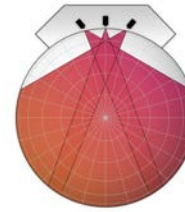
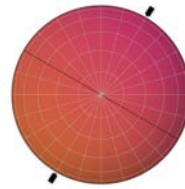
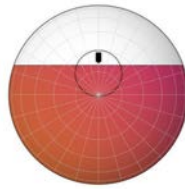
# CHRISTIE MIRAGE SST

This 4K projection system features a fiber-coupled, ultra-compact and lightweight, omnidirectional projection head that provides unmatched system design flexibility. The Mirage SST delivers 50,000 lumens<sup>1</sup> and high frame rates of 120fps at 4K for detail-rich visuals and 3D processing.



These are examples of integrated solutions using Mirage SST. Final system specifications are subject to customer requirements and environment.

Contact your Christie representative for a detailed proposal.



**1 Channel**

**2 Channel**

**3 Channel**

**6 Channel**

<b>Components included</b>	Projector	• Mirage SST			
	Lens	• 180° x 125° FOV lens	• 105° x 53° FOV lens	• 0.72:1 high contrast	
	Quantity	• 1	• 2	• 3	• 6
	Content delivery	• Christie® Pandoras Box®			
	Alignment solution	• No	• Christie Mystique®		
	Projector stand	• Yes			
	AV rack	• Yes			
	Projection management and design	• Included			
	Installation and commissioning	• Included			
<b>Main display</b>	Brightness (at 90% power)	• <1.2 fL	• <4.3 fL	• <4.4 fL	• <5.7 fL
	Contrast (projector + lens)	• <5000:1			
	Native resolution	• < 8.8 megapixels	• < 16.4 megapixels	• < 22.5 megapixels	• < 45 megapixels
	Dome coverage (estimated)	• 180° (H) x 125° (V)	• 180° (H) x 180° (V)	• 190° (H) x 125° (V)	• 180° (H) x 180° (V)
	Frame rate (standard)	• 24-120Hz			
	Frame rate (optional)	• 240-480Hz 2K			
<b>Content delivery</b>	Server storage	• < 14.4TB			
	Video inputs for alternate content	• Included: Dual HDMI (supports HDMI 2.0 and HDMI 1.4) • Optional <sup>2</sup> : Quad 3G SDI, Dual DP 1.2 or Dual DVI <sup>3</sup>			
	Physical	Screen dimensions	• 60' diameter	• 68' diameter	
<b>Physical</b>	Screen gain	• .38			
	Dimensions per channel (L x W x H)	• Projector: 26.9" x 23.5" x 12" (680mm x 597mm x 305mm) • Laser unit: 30.6" x 31.7" x 25.7" (777mm x 804mm x 653mm) • Chiller <sup>4</sup> : 23.3" x 14.8" x 38.4" (592mm x 377mm x 976mm)			
	Power per channel	• Projector: 100-240 VAC @ 50-60Hz 5A • Laser unit: 200-240 VAC @ 50-60Hz 24A • Chiller <sup>4</sup> : 200-240 VAC @50-60Hz, single phase			
	Heat load per channel	• Projector: 2850 BTU/hr • Laser unit: essentially none • Chiller <sup>4</sup> : < 21,526 BTU/hr			
	<b>Performance</b>	Extended warranty	• Five years parts and labor. See your Christie representative for details of our limited warranty.		
Support options		• See your Christie representative for details about our service and support plans.			
<b>Optional 3D projection</b>	Active 3D system	• Mirage SST supports active 3D stereoscopic operation. See your Christie representative for system specifications and pricing.			
<b>Optional cinema</b>	DCI compliant inset	• Yes <sup>5</sup>			

<sup>1</sup>Lower brightness capabilities of 18,000 and 35,000 lumens are also offered.

<sup>2</sup>A second input card can be added at an additional cost.

<sup>3</sup>DVI is limited to 8-bit.

<sup>4</sup>Chiller dimensions and specifications may vary depending on country of deployment.

<sup>5</sup>Utilizing optional Christie CineLife™ Series projector.

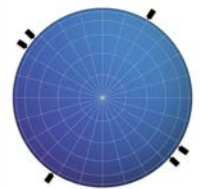
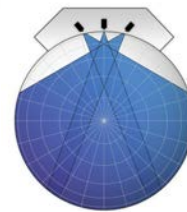
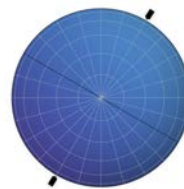
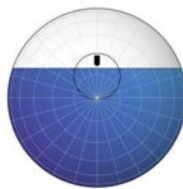
# CHRISTIE ECLIPSE

This true HDR 4K projection system offers a contrast ratio of up to 20,000,000:1, high frame rate capability, 26,000 lumens and an expansive color gamut that approaches the full Rec. 2020 / Rec. 2100<sup>1</sup> color space. Christie® Eclipse immerses audiences in a degree of detail and depth of color that have never before been possible with any Pro-AV projection system.



These are examples of integrated solutions using Christie Eclipse. Final system specifications are subject to customer requirements and environment.

Contact your Christie representative for a detailed proposal.



		1 Channel	2 Channel	3 Channel	6 Channel
<b>Components included</b>	Projector	• Eclipse			
	Lens	• 180° x 125° FOV lens	• 105° x 53° FOV lens	• 0.72:1 high contrast	
	Quantity	• 1	• 2	• 3	• 6
	Content delivery	• Christie® Pandoras Box®			
	Alignment solution	• No	• Christie Mystique®		
	Projector stand	• Yes			
	AV rack	• Yes			
	Projection management and design	• Included			
	Installation and commissioning	• Included			
<b>Main display</b>	Brightness (at 90% power)	• <0.6 fL	• <2.2 fL	• <3 fL	• <4 fL
	Contrast (projector + lens)	• <20,000,000:1			
	Native resolution	• < 8.8 megapixels	• < 16.4 megapixels	• < 22.5 megapixels	• < 45 megapixels
	Dome coverage (estimated)	• 180° (H) x 125° (V)	• 180° (H) x 180° (V)	• 190° (H) x 125° (V)	• 180° (H) x 180° (V)
	Frame rate	• 24-120Hz			
<b>Content delivery</b>	Server storage	• < 14.4TB			
	Video inputs for alternate content	• Included: Dual HDMI (supports HDMI 2.0 and HDMI 1.4) • Optional <sup>2</sup> : Quad 3G SDI, Dual DP 1.2 or Dual DVI <sup>3</sup>			
<b>Physical</b>	Screen dimensions	• 60' diameter			• 68' diameter
	Screen gain	• .38			
	Dimensions per channel (L x W x H)	• Projector: 41.5" x 31" x 33.5" (1049mm x 784mm x 845mm) • Laser unit: 30.6" x 31.7" x 25.7" (777mm x 804mm x 653mm) • Chiller <sup>4</sup> : 23.3" x 14.8" x 38.4" (592mm x 377mm x 976mm)			
	Power per channel	• Projector: 200-240 VAC @50-60Hz, 15A, single phase • Laser unit: 200-240 VAC @50-60Hz, single phase • Chiller <sup>4</sup> : 200-240 VAC @50-60Hz, single phase			
	Heat load per channel	• Projector: 7271 BTU/hr • Laser unit: essentially none • Chiller <sup>4</sup> : < 21,526 BTU/hr			
<b>Performance</b>	Extended warranty	• Five years parts and labor. See your Christie representative for details of our limited warranty.			
	Support options	• See your Christie representative for details about our service and support plans.			
<b>Optional 3D projection</b>	Active 3D system	• Eclipse supports active 3D stereoscopic operation. See your Christie representative for system specifications and pricing.			
<b>Optional cinema</b>	DCI compliant inset	• Yes <sup>5</sup>			

<sup>1</sup>To learn about the Rec. 2100 color space, visit [https://en.wikipedia.org/wiki/Rec.\\_2100](https://en.wikipedia.org/wiki/Rec._2100)

<sup>2</sup>A second input card can be added at an additional cost.

<sup>3</sup>DVI is limited to 8-bit.

<sup>4</sup>Chiller dimensions and specifications may vary depending on country of deployment.

<sup>5</sup>Utilizing optional Christie CineLife™ Series projector.

# CHRISTIE CINELIFE SERIES



The Christie® CineLife™ Series is the most advanced lineup of cinema projectors available. Featuring the all-new UX-designed CineLife electronics platform, these RGB pure laser projectors enable the flawless delivery of brilliant cinematic experiences.

Our latest CP4440-RGB and CP4450-RGB CineLife+ models are capable of 4K 120fps high frame rate (HFR) playback and have ultra-fast processing of 1.06 Gigapixels per second.

## Choose your DCI-compliant inset projector:

Christie offers a range of projectors to meet your resolution requirements, match your screen size and fit your budget.

	Christie CP4330-RGB	Christie CP4440-RGB	Christie CP4450-RGB
<b>Resolution</b>	• 4K	• 4K	• 4K
<b>Brightness</b>	• 28,000 lumens	• 45,000 lumens	• 55,000 lumens
<b>Maximum screen size</b>	• Up to 70' (21.3m)	• Up to 106' (32.3m)	• Up to 111' (33.8m)

## Let's get started

Contact us today so we can collaborate with your team to determine the best projection solution for your budget and environment.

[christiedigital.com/domesolutions](http://christiedigital.com/domesolutions)



**CHRISTIE**<sup>®</sup>

christiedigital.com

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

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