

**CHRISTIE®**



# Christie Solaria One and Solaria One+

One complete projection solution. Global appeal.



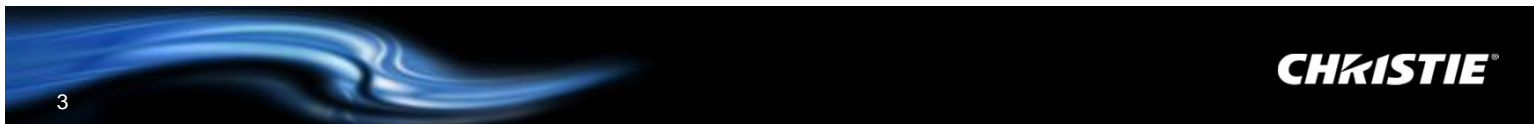
Presenter's name

Date

## Market opportunity

- Current DCI compliant digital projectors are too costly for many cinema exhibitors:
  - In developing nations
  - In smaller, rural, niche markets
  - In large multiplexes with small unconverted screens
- Exhibitors not eligible for the VPF program to offset the significant investment costs of converting to digital
- Predicted that distributors will go all digital in 2013 for the US and some major Western and Asian markets, with a lag of up to two years for other regions
  - Threat of no longer being able to maintain current business operations

***Opportunity: ~ 25,000 screens globally have not converted to digital***



## Introducing the Christie Solaria One™

- A complete digital cinema projection solution
- Includes:
  - Lens
  - Custom-designed Xenon lamp, and
  - Christie Integrated Media Block (IMB) with easy-to-operate Screen Management Software (SMS)



*Christie Solaria One is the most reliable, DCI compliant, brightest-in-class complete digital cinema projection solution, perfect for screens up to 35 feet. It's easy to operate and maintain, and has the lowest total cost of ownership on the market.*

# Target markets:

One complete projection solution. Global appeal.



## Exhibitors in developing nations (BRICS):

- Good value
- DCI compliant – Hollywood feature films
- Easily project 3D, alternative and local content
- Simple to own & operate – reliable, easy access to service

## Exhibitors in small, rural, niche markets:

- Financially attainable outside of VPF arrangements
- DCI compliant – Hollywood feature films
- Easily project 3D, alternative and local content
- Simple to own & operate – reliable, easy access to service

## Small unconverted screens within large multiplexes:

- Cost-effective solution for smaller screens
- DCI compliant – Hollywood feature films
- Easily project 3D, alternative and local content
- Simple to own & operate – reliable, easy access to service

## Key features: Solaria One™

One complete projection solution. Global appeal.



- Premium 'all-in-one' solution design with lower cost of ownership
- 8000 lumens within DCI color space
- 9000 lumens for alternative content
- Fully DCI compliant
- S2K DLP Cinema® technology
- Lens and custom-designed high value lamp included

## Key features: Solaria One™

One complete projection solution. Global appeal.

- Integrated Christie IMB and SMS
- HFR upgradable
- Uses commodity storage devices<sup>1</sup>
- Standard support for HDCP
- Streaming MPEG2/H.264 support
- Dual DVI/HDMI inputs, configurable for both 2D & 3D operation
- 3D ready: easily stacked for a dual projection 3D presentation



<sup>1</sup> DCI compliant commodity storage systems available through your Christie sales representative.

## Key features: Solaria One™

One complete projection solution. Global appeal.



- Touch panel controller with intuitive Graphical User Interface (GUI)
- Quick, easy rear access to the lamp
- Washable/reusable filters
- Backed by a single, dedicated technical support team

## Built-in Christie Integrated Media Block (IMB)

### The Christie IMB advantage:

- Highest level of performance and reliability
- Uses commodity storage devices, reducing cost and downtime due to maintenance
- Can be upgraded to support High Frame Rates (HFR)
- Single projection solution, backed by a single, dedicated technical support team



# Solaria One+

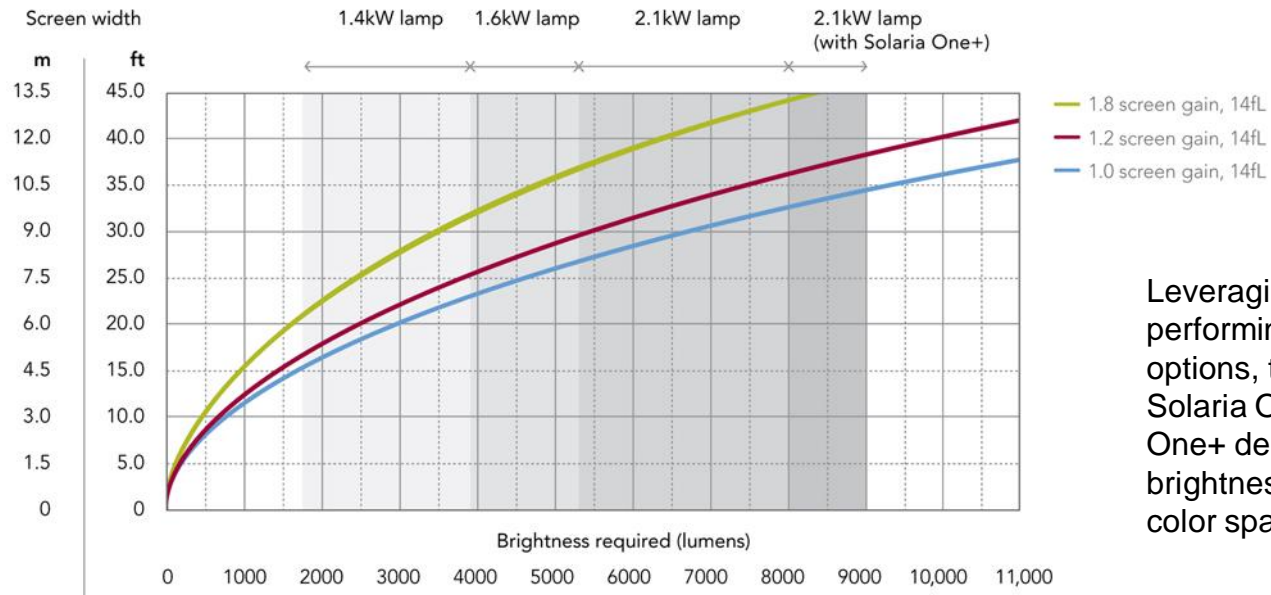
Built for post production houses & cinema screens with side masking



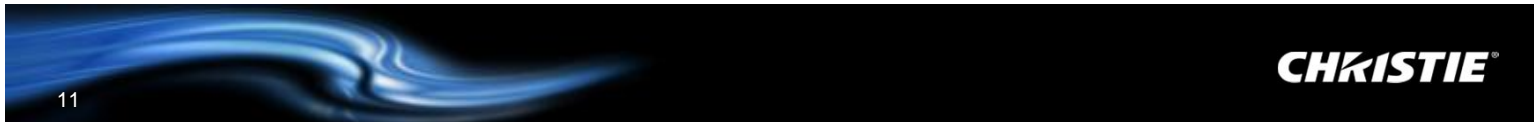
All of the great features of Solaria One with the addition of:

- Motorized lens mount
- Superior optical performance specifications enabling higher contrast
- Capable of attaining an additional 1000 lumens within the DCI color space

## Solaria One: Brightest in class



Leveraging three high performing lamp options, the Christie Solaria One and Solaria One+ deliver superior brightness in the DCI color space



## Competitive overview

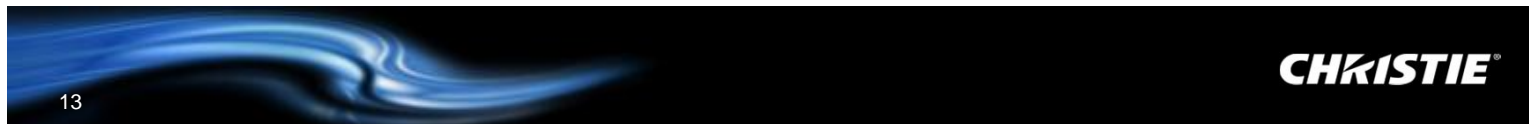
	Solaria One	Solaria One+	Barco DP2K-10sx	NEC NC900	Sony
DCI certified	Yes	Yes	Yes	Yes	Yes
Imaging chip	.69" DLP	.69" DLP	.69" DLP	.69" DLP	1.48" SXRD
Max. resolution	2048x1080	2048x1080	2048x1080	2048x1080	4096x2160
Contrast ratio	>1700:1	>1900:1	1850:1	1600:1	5000:1
Integrated media block	Christie IMB	Christie IMB	3 <sup>rd</sup> party	Doremi	Sony XCT-S10
DCI certified media storage	External	External	Internal	Internal	External
Lamp type	Xenon	Xenon	Xenon	HPM	HPM
Number of lamps	1	1	1	2	6
Max. lamp size	2.1kW	2.1kW	2.2kW	2 x 350W	6 x 450W

Based on information currently available - March 1, 2013.

## Competitive overview

	Solaria One	Solaria One+	Barco DP2K-10sx	NEC NC900	Sony
Nominal lumens in DCI color space	8000	9000	~7000	~3700	15000
Max. screen size @ 14fL w/1.0 gain	9.8m	10.4m	9.2m	6.7m	12.5m
Max. power consumption	3000W	3200W	unavailable	985W	4300W
Alt. content inputs	Yes	Yes	Yes	No	Yes
Overlapping lens ratios	Yes	Yes	Yes	No	Yes
Motorized lens	No	Yes	Yes	Yes	Yes
External heat extraction	Optional	Optional	Optional	No	Required

Based on information currently available - March 1, 2013.



## Competitive overview

	Solaria One	Solaria One+	Barco DP2K-10sx	NEC NC900	Sony
Compatible with 3D systems	Yes	Yes	Yes	Yes	RealID only
HFR 3D capable	Yes	Yes	Yes	Yes	Yes
Touch screen included	Yes	Yes	No	No	Yes

Based on information currently available - March 1, 2013.

## Specifications

Specifications	Christie Solaria One	Christie Solaria One+
Lamp options	<ul style="list-style-type: none"> <li>• 2.1kW CDXL-21S1 (003-004258-01)</li> <li>• 1.6kW CDXL-16M (003-003900-01)</li> <li>• 1.4kW CXL-14M (003-003066-01)</li> </ul>	
Screen size	<ul style="list-style-type: none"> <li>• &lt;35ft/10.5m maximum screen size<sup>1</sup></li> </ul>	
Brightness	<ul style="list-style-type: none"> <li>• 8,000 lumens with DCI color space</li> <li>• 9,000 with native color space</li> </ul>	<ul style="list-style-type: none"> <li>• 9,000 lumens with DCI color space</li> <li>• 10,000 with native color space</li> </ul>
Ballast	<ul style="list-style-type: none"> <li>• 2.3kW Ushio (700W-2.1kW)</li> </ul>	<ul style="list-style-type: none"> <li>• 2.3kW Ushio (700W-2.3kW)</li> </ul>
Contrast ratio	<ul style="list-style-type: none"> <li>• &gt;1700:1 full field on/off</li> </ul>	<ul style="list-style-type: none"> <li>• &gt;1900:1 full field on/off</li> </ul>
Digital micromirror device	<ul style="list-style-type: none"> <li>• 0.69" S2K 3-chip DMD DLP Cinema</li> <li>• 2048 x 1080 pixels</li> </ul>	
Lens mount configuration	<ul style="list-style-type: none"> <li>• Manual alignment adjustments</li> </ul>	<ul style="list-style-type: none"> <li>• Motorized alignment adjustments</li> </ul>
Number of colors	<ul style="list-style-type: none"> <li>• 35.2 trillion</li> </ul>	

<sup>1</sup>Maximum screen size depends on factors such as screen gain, lamp age, geometry, etc.

## Specifications:

Specifications	Christie Solaria One	Christie Solaria One+
Lenses	<ul style="list-style-type: none"> <li>• 1.2-1.72:1 (108-458108-01)</li> <li>• 1.33-2.1 :1 (108-459109-01)</li> <li>• 1.62-2.7:1 (108-460101-01)</li> <li>• 2.09-3.9:1 (108-461102-01)</li> </ul>	<ul style="list-style-type: none"> <li>• 1.2-1.7:1 (108-464105-01)</li> <li>• 1.34-1.9:1 (108-465106-01)</li> <li>• 1.5-2.15:1 (108-466107-01)</li> <li>• 1.7-2.55:1 (108-467108-01)</li> <li>• 2.0-3.9:1 (108-468109-01)</li> </ul>
Input line voltage	• Single phase 220V	
Power supply	• 700W-2.1kW low-ripple switch mode lamp power supply	
Weight	• As installed: 119 lbs (53.75kg)	• As installed: ~123 lbs (55.79kg)
Dimensions	•(LxWxH): 27.4 x 27.1 x 15.6" (697 x 688 x 395 mm)	
Accessories	<ul style="list-style-type: none"> <li>• HFR software upgrade</li> <li>• 90° extraction duct adapter (119-103105-01)</li> <li>• Rack mount stand (108-416102-01)</li> </ul>	

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Thank you