



Harkness Screen Technology

# THE PURE MAGIC OF CINEMA...



SPECTRAL™

**NOVA**

Perlux®  
HiWhite

**CLARUS XC**  
DEEPER, RICHER AND MORE UNIFORMITY

IRIS OPTIMIZED®  
AUDITORIUM  
by harkness

 myharkness  
SPECIFY. DESIGN. COLLABORATE.

  
QALIF SPECTRO

# ...FROM EVERY SEAT IN THE HOUSE.

## WELCOME TO CINEMAICON 2023!

We're excited to be here and excited about the future of cinema. As the world leaders in cinema screen technology we can't wait to show you our latest developments and how much value Harkness can add to your cinema business!

Image quality is right at the heart of any movie experience, and our screens play a crucial role in delivering the best experience possible – especially with laser projection and the latest 3D releases. But Harkness technology does so much more than just improve presentation quality.

Our modelling tools and expansive range of screen surfaces can help you create more 'premium view' seats in theaters of any shape or size – increasing audience satisfaction as well as potential revenue with every movie you show, so a new Harkness screen is one of the most cost-effective investments you can make.

A Harkness screen reduces other costs too.

Our latest technology can show you how our screens can substantially lower energy consumption, reducing your carbon footprint as well as prolonging the life of your projectors. Here on our Cinemaicon Booth you can see all the Harkness products and technologies that make our screens the perfect choice for any movie theater. Better still, talk to any of our expert team, and we'll be glad to tell you how Harkness can help.



**Andrew Emmott**  
VP SALES



**Anthony Kelly**  
SVP AMERICAS



**Cody Polla**  
PRODUCT MANAGER



**Tony Dilley**  
SVP SALES



**Yao Hui**  
HEAD OF OPERATIONS  
CHINA

## THE TECHNOLOGY BEHIND THE MAGIC

Harkness produces more than just advanced cinema screens. Our industry leading software, apps and measuring tools are designed to bring together all the elements to excite the senses – from every seat in the house. Here are just a few.

## IRIS OPTIMIZED THEATERS

### The affordable way to attract new patrons.

More and more theater owners across the USA are realizing the benefits of IRIS optimization. IRIS offers significant improvements in picture quality without the cost and upheaval of transforming the auditorium or changing projector, together with a professional marketing package for maximum audience engagement.

Firstly, the auditorium is analyzed using Harkness' industry leading measuring devices and software. Then a bespoke screen is installed, giving improved light on screen and brightness uniformity for a better movie experience from every seat. Finally, the package includes a range of marketing tools, designed to generate increased footfall and repeat visits.



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## MARKET LEADING SCREENS

### Creating an unforgettable experience whatever the format.

Harkness has always set the standards in cinema screens, and today's range has options for 2D, 3D, laser projection and more, all available perforated or unperforated and incorporating our latest Nanolast technology for added durability.

They include Matt Plus, engineered to mitigate laser speckle; Perlux HiWhite, the industry standard in white gain screens; Clarus XC with its 4th generation coating technology for deeper blacks and richer colors; Precision White for RealD, designed to make the most of this 3D technology; Spectral, offering crisp, dynamic and visually outstanding pictures in both 2D and 3D; and the latest ultra-high gain screen Nova, for a truly unforgettable experience.

**Perlux<sup>®</sup>**  
HiWhite

**SPECTRAL<sup>™</sup>**

**CLARUS XC**  
DEEPER, RICHER AND MORE IMMERSIVE

**NOVA**

BROWSE THE  
RANGE >





# Compact +

**Cut costs and carbon with our new crease-free packaging technology.**

Using innovative Smart Flex technology, Compact + combines superb optical performance and fantastic flexibility for the very first time, allowing higher quality screens to be compactly packaged without creasing.

Available in a range of options to suit every theater and projection format, the real benefits of Compact + are substantially reduced transportation costs, easier on-site installation and lower total cost of ownership – all with no compromise on quality and significant environmental benefits from reduced and recyclable packaging and lighter shipping weights.



**SAVE WITH  
COMPACT+ >**



## QALIF SPECTRO

**Our latest self-contained calibration tool.**

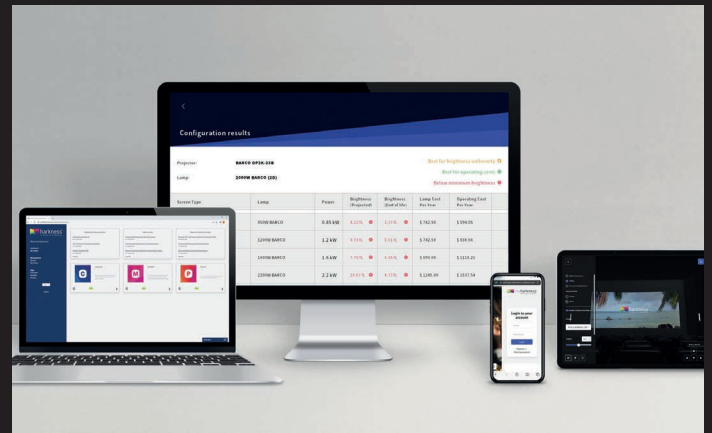
Lightweight, portable and easy-to-use, the Spectro is part of our Qalif range of engineers' calibration and reporting tools.

It incorporates an industry-leading, laser-ready stand-alone spectrometer that allows users to view full color spectrum and luminance information with no need for a laptop, enabling the monitoring and optimization of presentation quality. It's designed for use with all cinema projector light sources including Laser RGB, Laser Phosphor, Xenon and UHP Lamps.



**QALIF SPECTRO**

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DETAILS >**



## MYHARKNESS

**Specify, design and collaborate to optimize screen performance.**

MyHarkness is our new cloud-based collaborative platform that allows you to design, specify and optimize cinema screens digitally, to create the best possible viewing experience for movie-goers before projects have even left the drawing board.

The platform is supported by three software tools. The Calculator can be used to recommend equipment choices and estimate theoretical operating costs, while the Visualiser creates digital cinema scenarios in a virtual 3D environment and the Planner ensures the key construction design elements and the screen specified are correct prior to construction.

 **myharkness**  
SPECIFY. DESIGN. COLLABORATE.

**DISCOVER  
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