

# Key Laser Projector Elements that Deliver the Best Image

Sony introduced the world's first 3LCD laser projector in 2013, ushering in an entirely new level of performance with a powerful combination of brightness, resolution and convenience – and virtually free of maintenance.

Sony continues to innovate, delivering the best quality image available with the greatest flexibility for broad-ranging applications. So businesses and educators can benefit from the image quality of BrightEra® 3LCD panels, the clarity of Reality Creation image processing, and the efficiency of the multi-award-winning Z-Phosphor® laser light engine.



**Z-Phosphor**

LASER LIGHT SOURCE



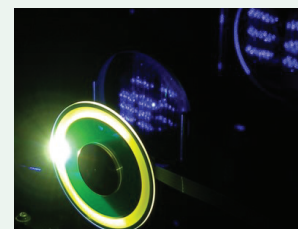
## INTELLIGENT SETTING

Another industry first, the **Intelligent Setting** feature leverages Sony's experience in laser projector development and usage analysis. This feature enables the optimum settings based on four pre-set modes to maximize performance in: meeting/classrooms, museums, entertainment venues, and multi-screen setups. Users can optimize the balance of brightness, color and noise-enabling efficient operation and stable usage for a long period (VPL-FHZ75/FHZ70 only).



## LASER LIGHT SOURCE

Best-in-class laser light source technology provides stunning picture quality with consistent image brightness throughout the laser light source's 20,000 hours recommended lifespan.

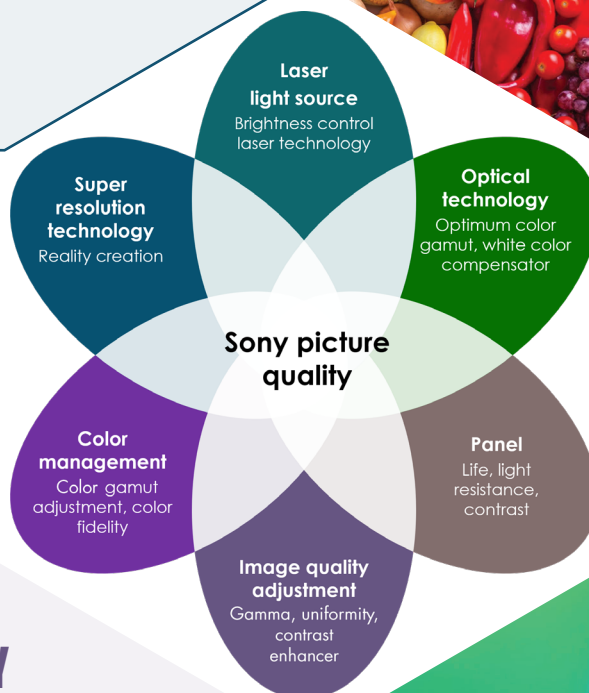


## OPTICAL TECHNOLOGY

A newly developed 3LCD panel incorporates an advanced optical compensator to deliver bright and vibrant images with stunning contrast, offering true blacks and accurate-to-life color reproduction.

## COLOR MANAGEMENT

Sony projectors ensure the ultimate color management by leveraging comprehensive imaging expertise in technologies ranging from image sensors to display devices.

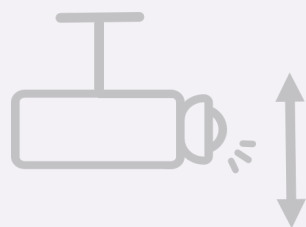


## IMAGE QUALITY ADJUSTMENT

Sony offers the most advanced color calibration to adjust gamma, color space, uniformity and contrast to best suit customer installation environments.



## GREATER FLEXIBILITY



With the industry's widest lens shift capability of Vertical +/- 107%, the VPL-FHZ120L/FHZ90L projectors can be placed in higher positions without using keystone, to deliver continuous high picture quality and sharp focus with virtually no image distortion or digital noise.

## SUPER RESOLUTION TECHNOLOGY

The super-resolution **Reality Creation** analyzes every pixel in any direction, then employs a digital signal processing algorithm to map pixels against an evolving picture patterning database, to enhance colors, contrast, and textures in every detail.



**SONY**

For more information, visit: [pro.sony/laser](http://pro.sony/laser)

Published by **scn**  
SYSTEMS CONTRACTOR NEWS

© 2019 Future plc. Logos and trademarks are the property of their respective companies. All rights reserved.