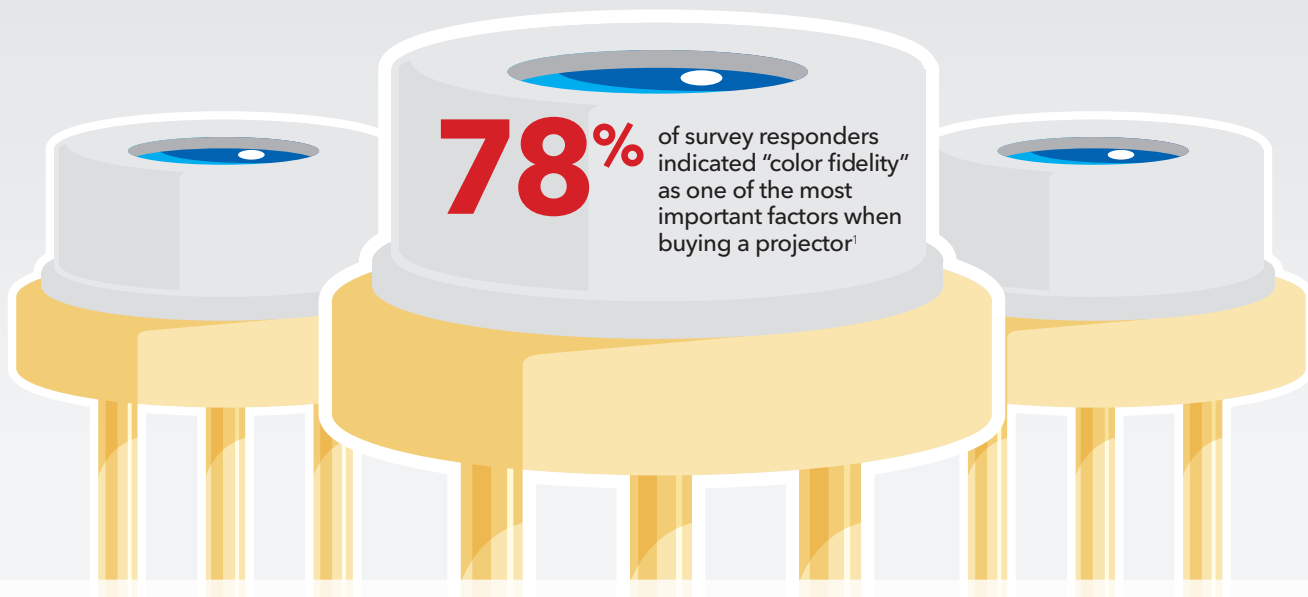




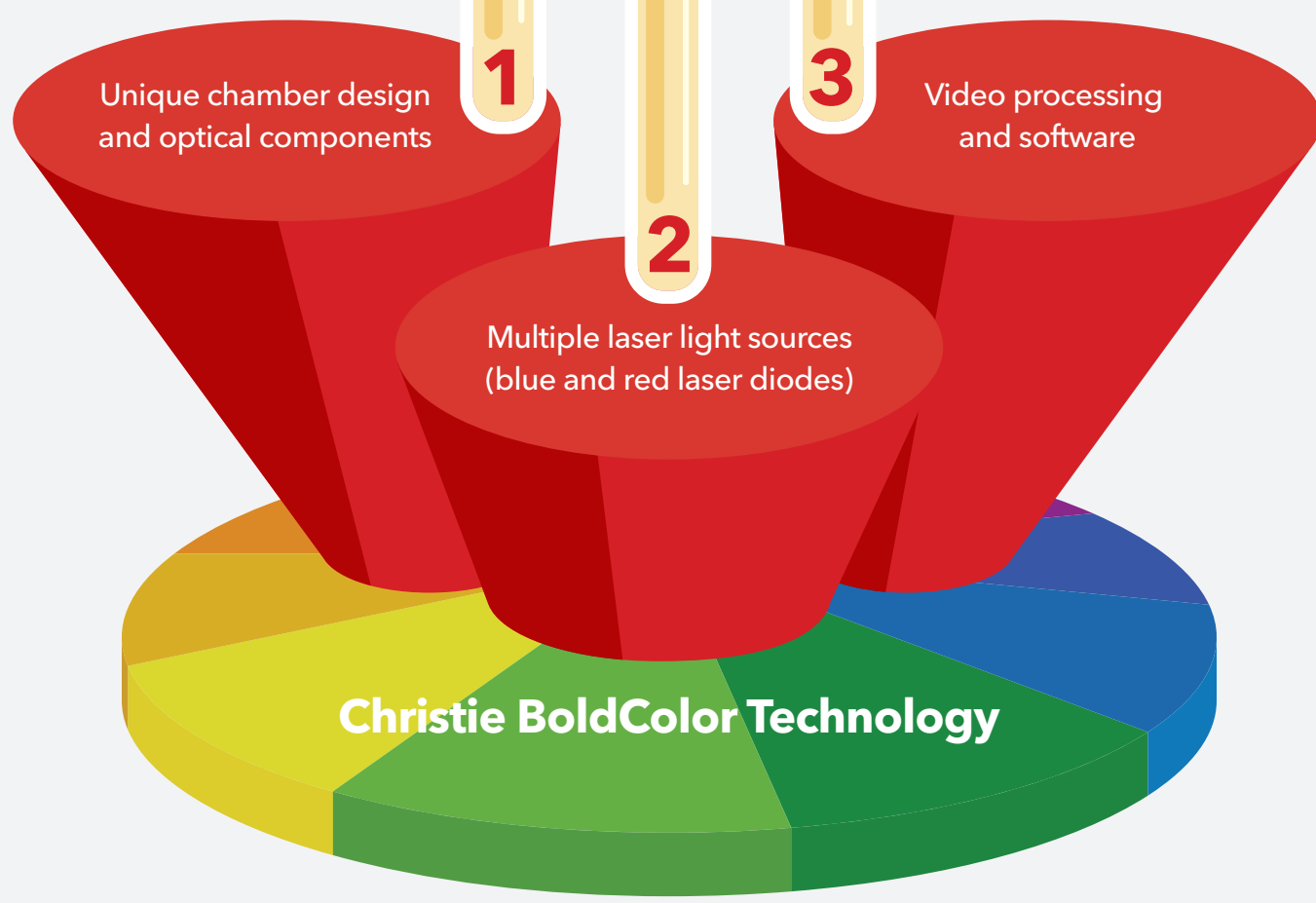
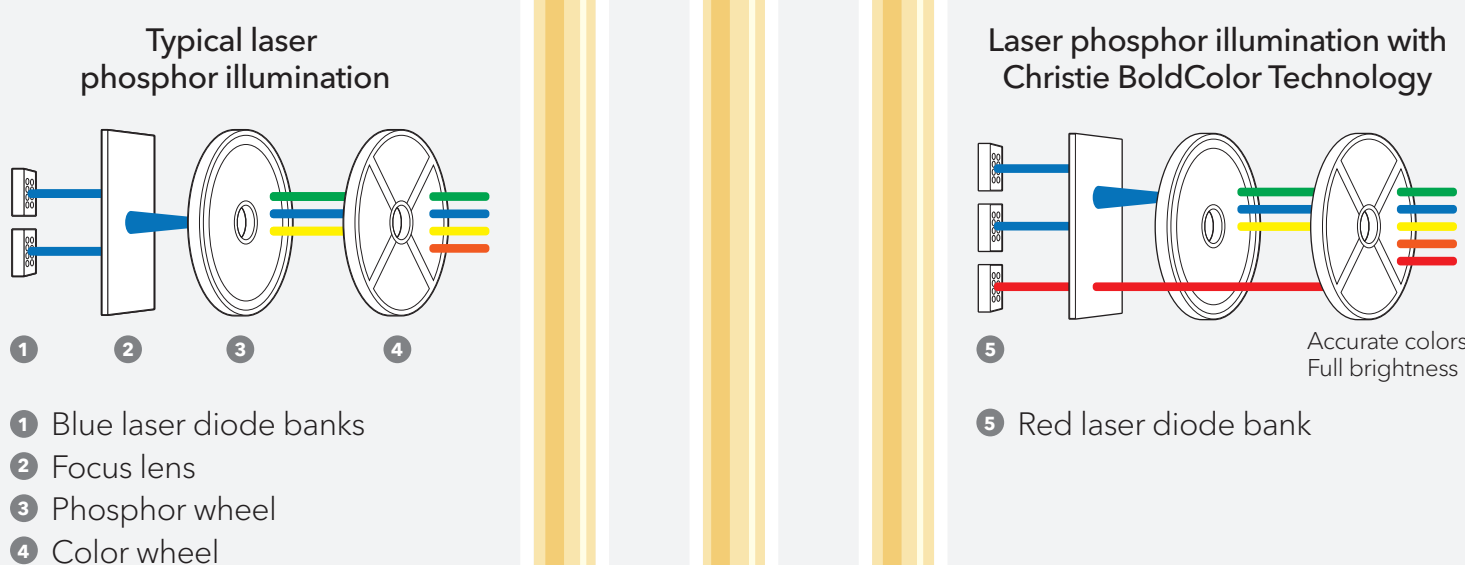
## Color fidelity and laser phosphor illumination

Laser phosphor is a solid-state, lampless projection illumination platform that uses blue laser diodes as the primary light source. Offering a long life, minimal maintenance and a low cost of operation, laser phosphor projectors are gaining popularity in the ProAV industry.



**Christie BoldColor Technology creates the color balance needed to accurately reproduce colorful images, without sacrificing brightness.**

An industry first, Christie® BoldColor Technology employs blue and red laser diodes as well as a optical chamber, video processing and specialized software to produce enhanced color and saturation and more lifelike visuals when compared to typical laser phosphor projectors.



## Color fidelity shootout

Christie BoldColor Technology equipped projector vs. competing 1DLP® laser phosphor projector.

Christie BoldColor Technology

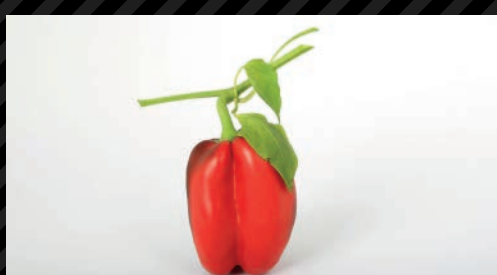


Accurate color reproduction  
Accurate detail in white and darks  
Looks like original content

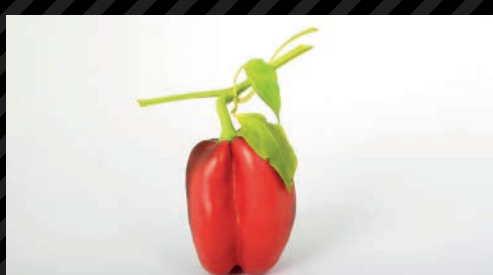
Competitor



Oversaturated colors – green is boosted  
Greens have a more yellow hue  
Loss of detail in whites and darks  
Modified original content – can seem appealing



Accurate color reproduction  
Full brightness and good whites  
Accurate detail in whites and darks



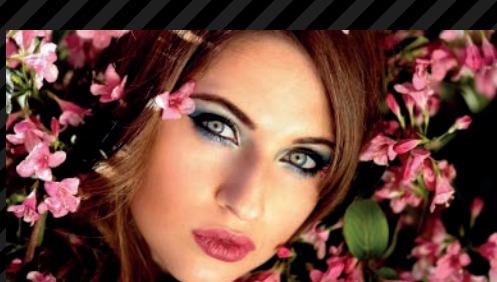
Yellowish reds and greens  
Loss of detail in whites and darks



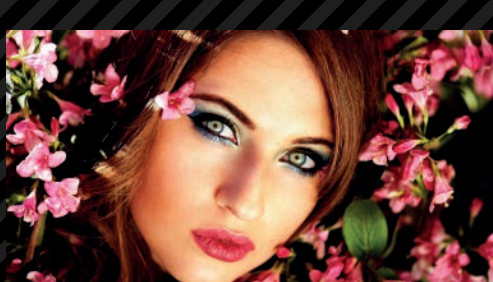
Accurate color reproduction  
Color balance is maintained  
Full detail in highlights and darks



Yellowish greens  
Boosted blue and greens – unnatural  
Loss of detail in highlights and darks



Accurate color reproduction  
Great skin tones  
Beautiful color balance



Yellowish reds and greens  
Boosted greens  
Skin tones unnatural

With about a  
**30%**

loss in brightness, it is possible to improve the color of the competing product by changing settings, however, it never matches the original content or the color balance achievable with Christie BoldColor Technology.

## Comparing laser phosphor projectors?

Be aware of these 6 color manipulations that distort content to gain brightness.



Oversaturated greens



Whites that appear yellowish



Crushed whites



Reds that appear more orange



Crushed blacks



One color appearing much stronger/more saturated than the others

Need help choosing a projector? [Contact Christie](#) today.

Want to know more about laser phosphor? Visit our [resources page](#) for more information.

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