Luminaire Laser System
RGB-6P/3P

NEW PRODUCT

Applications

- 2D and 3D Digital Cinema
- Theme Parks
- Planetariums
- Other Specialty Venues
- AV Applications

Features

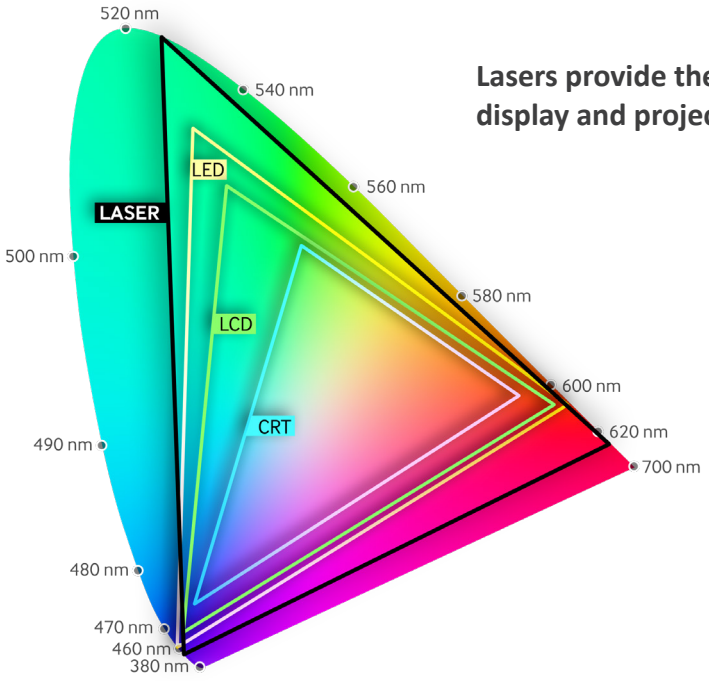
- Multiple Wavelengths
- Minimal Speckle
- Wide Color Gamut
- Illumination Output 300 klm
- Scalable Modular Design
- Reliable and Efficient
- Rugged Industrial Design

Laser illuminated digital cinema is the future of the digital cinema industry. Spectacular color purity, high brightness and longevity make lasers the illumination technology of choice. Enabling this growth is the development of novel IPG technology which extends the benefits of IPG's unique fiber laser technology into the visible light spectrum.

IPG Photonics' NEW 6P/3P RGB High Power Luminaire Laser System is specifically designed for state-of-the-art 2D and 3D digital cinema, theme park and other entertainment markets. IPG's Fiber Laser Luminaire system has broad laser linewidths for each color to dramatically reduce speckle, ensuring excellent image quality. Flexible Luminaire architecture is scalable from 20 klm to >300 klm of combined 6P/3P light output into a projector. IPG's Laser Luminaire meets or exceeds current DCI standards. Reliable, compact and efficient, IPG's Luminaire Laser System provides high power beams of extremely high quality and extremely stable wavelength over a range of real world operating conditions.

Luminaire Laser System
RGB-6P/3P

System Characteristics	RGB-100-6P/3P	RGB-300-6P/3P
Illumination Output: White Light (into projector), klm	100	300
Center Wavelengths, nm		
Red	615 and 635	
Green	525 and 545	
Blue	445 and 465	
Spectral Bandwidth FWHM, nm Red Green Blue	4-10	
Output Power 3P/6P, W		
Red	90	300
Green	100	330
Blue	80	270



Lasers provide the broadest color gamut available for display and projection applications

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