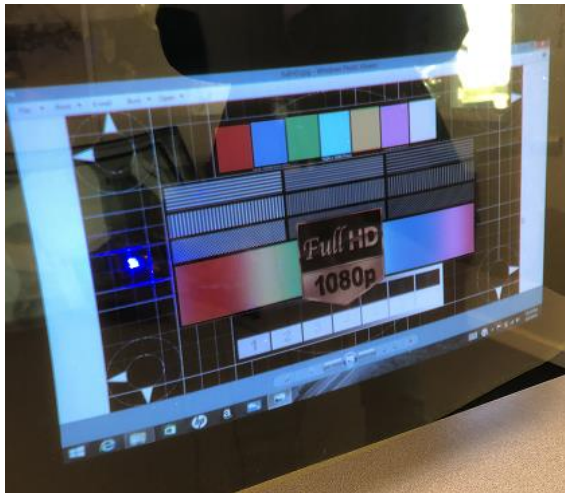




SUN INNOVATIONS



Full Color Transparent Emissive Display Demo Images

Full-Color Emissive Real-Image AR Display-on-Glass

Our latest 3-Color High Power LED-DLP projection on a proprietary RGB-emissive transparent screen offers a bright and *free-form* emissive AR display-on-glass for naked eyes, in vehicle and retail signage applications:

- HD, full color TV-like HUD on haze-free screen for vehicle, boat, aircraft, heavy equipment
- Display image anywhere on a glass window, with unlimited field-of-view and viewing angles
- Miniature LED-DLP projection on thin film screen, easily installed to work on any glass window

Transparent Emissive Display Screen Features

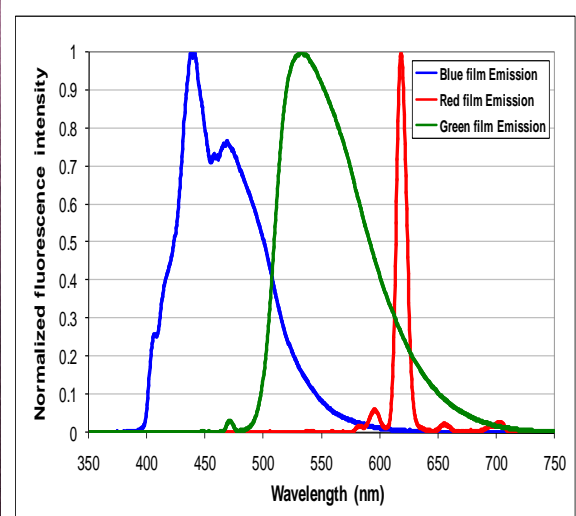
- Fully-transparent, haze-free, full-color emissive projection screen fits on any glass;
- Convert any glass to completely see-through real-image augmented reality display;
- Applicable to pitch-black screen to project a high-contrast OLED-like emissive image;
- Emissive Display Color Gamut approach 100% of HDTV (Rec.709);
- Option of contrast enhancement tint and anti-reflection coating for outdoor use;
- Patented pixeless, fully transparent, full-color emissive display technology

“Excitation” HD-Image Projector Specifications

Parameters	Specifications
Display technology	TI DLP 0.45" DMD
Physical resolution	WXGA (1280*800)
Light source	5.5W 405nm LED (for Blue) 4W 460nm LED (For Green) 4W 380nm LED (for Red)
Throw ratio	1.09
Image offset	0%
Image size	12.8"@0.3m
Working distance	0.15~0.5m
Aspect ratio	16:10, 4:3
Contrast (FOFO)	1000:1
Uniformity (JBMA)	90%
Input interface	HDMI
Power supply	DC 12V, 8A
Dimension	4" x 5" x 2.5"



Custom-Built 3-“Color” Blue-Ray LED-DLP Projector



Emissive Spectrums of the RGB screen

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