



With a single objective in mind...

Digital Projection, determined to revolutionize the large-screen projection market, has implemented extraordinary technologies to engineer **HIGHLIGHT Displays**, a range of large-venue projectors with exceptional imaging capabilities and inspired operational simplicity.

Perfectly suited for home cinema, media and entertainment, no other imaging technology approaches the visual beauty of the Digital Projection **HIGHLIGHT Display**.

At over 2750 ANSI lumens, the **HIGHLIGHT Gold HC** is one of Digital Projection's elite compact-chassis projectors. This mighty display delivers the same compelling performance you have come to expect from Digital Projection, in a small, cost-effective package. The impressive brightness of the projector is complemented by a dynamic color palate, absolute grayscale tracking and luminance uniformity greater than 80%. The on-screen results are engaging video, HDTV and computer imagery with an inherent "film-like" appeal.

The **HIGHLIGHT Gold HC** delivers these outstanding performance benefits:

- Super-high-brightness of up to 2750(±10%) ANSI lumens from a compact, economical chassis.
- 1200:1 On to Off Contrast, with standard super-high-contrast proprietary modification and high contrast optics
- Greater than 80% luminance uniformity for visually "flat" imagery with no hot-spots.
- Source compatibility up to 1600 x 1200 pixels provides broad computer display flexibility.
- Dynamic HDTV Compatibility including 1080i, 720p and 480p for advanced standards display.
- Operates on either 110v or 220v mains power, delivering "work anywhere" functionality.
- A high native resolution of 1280 x 1024 for exceptional "on screen" detail.
- Solid-state digital stability and factory preset convergence for fast and simple alignment.
- Motorized lens mount with horizontal and vertical shift provides broad installation agility.
- Intuitive, user-friendly menu structure.

Expert Technology, Impeccable Support...

The miracle of the DMD by Texas Instruments: Digital Light Processing™ (DLP™) is characterized by a 3-chip Digital Micromirror Device (DMD) design, the image modulator at the heart of every **HIGHLIGHT Display**. Digital Projection selected this imaging technology back in 1989, after our extensive analysis demonstrated the DMD's potential to accurately reflect individual pixels of light. Since then, Digital Projection engineers have worked closely with Texas Instruments, solving the challenges of the DMD and magnifying its performance for large-venue projection applications.

Customer Support Designed Around You: High performance products deserve equally superior services. Digital Projection's technical support team is available for detailed examination of your **HIGHLIGHT Displays** around the clock, any day of the week. We understand the importance of "up-time" and strive to make simple work of often complex issues. We train our support technicians in the latest innovative techniques to help you achieve maximum performance from your venue. Our focus is always on you and your business.

Comprehensive Resources For Performance-Driven Companies: As your business grows, we are committed to providing programs that meet your needs. From our monthly training classes and our diverse engineering Web site (www.digitalprojection.com) to our quarterly newsletter, *POWER News*, and application engineering services, we hold an ambitious charter for you to excel in the integration of your *LIGHTNING*, *THUNDER* and **HIGHLIGHT Displays**. When your applications change, we strive to react with pragmatic programs developed for unmatched customer attention.

Precision Displays For Every Venue

Exclusively by...



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HIGHLite Gold HC Technical Specification

Brightness ($\pm 10\%$) :	3000
Contrast Ratio:	1000:1
Brightness Linearity:	>80% edge to center ($\pm 10\%$)
Display Type:	3 x DMD (one per R, G & B)
DMD Specification:	1280 x 1024 pixel -- Dark Metal 3-chip DLP 16.3um x 16.3um pixel size 17um x 17um pixel pitch 17.4mm x 13.1mm DMD size
Fill Factor:	92% pixel fill factor
Scan Rate:	H = 15 kHz to 107 kHz V = 24 Hz to 107 Hz
Source Compatibility	NTSC, PAL, SECAM, HDTV (1080i/24p, 720p, 480p), VGA, SVGA, XGA, SXGA, MAC
Inputs:	RGB/YCr/Pr, Cb/PB (2) BNC RGB H/V, HV (1) D-sub 15 pin YPbPr / YCrCb (1) RCA Composite Video (1) BNC (1) RCA S-Video (1) S-Video Terminal Y/C (1) BNC
Digital I/O:	RGB Digital (1)MDR 20pin DFP Specification (Max resolution: XGA) (1) Process out MDR 20pin SDI Option (1) BNC SMPTE 259M Level C; 4:2:2 525/625 Component (1) BNC Through Out
PC Card:	(1) PCMCIA Data back-up
Video Processing:	Telecine Detect: 3:2 pull-down correction
Sync Formats:	Separate Sync/Composite Sync/Sync on Green
Remote Control:	Addressable remote control (wired / wireless)
Automation:	RS232 (1) 9 Pin D type, contact closure
Switcher:	Video Switcher In/out via (2) 15 pin D type
Lamp Type:	Proprietary Xenon "Bubble" Short Arc
Mounting:	Floor Mount (Standard) Ceiling Mount (Optional)
Lens Mount:	Motorized focus, zoom, horizontal and vertical lens shift accessed via remote control
Lens Options:	0.84 : 1 Ultra short throw 1.5 - 2.5 : 1 Zoom (High contrast) 2.5 - 4.0 : 1 Zoom (High contrast) 4.0 - 7.0 : 1 Zoom (1000:1 contrast)
Physical Dimensions:	308mm (12.2") height 560mm (22") width 682mm (26.9") length
Weight (chassis only):	43 Kg (95 lbs)
Power Requirements:	100-120 / 200-240 VAC, 50/60Hz
Input Current:	7.3A (200-240V) 11A (100-120V)
Power Consumption:	1.5kW (200-240V) 1.5kW (100-120V)

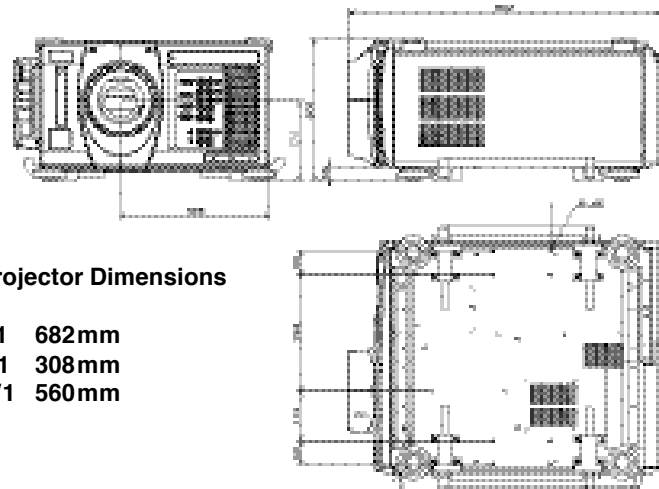
Design flexibility in, and complexity out...

To manage the mechanical complexities of diverse applications, Digital Projection developed a motorized lens mount, capable of providing extensive vertical and horizontal lens shift. When combined with our broad and flexible range of lens options and system accessories, the **HIGHLite Gold HC** can be mechanically integrated to solve nearly any application challenge.

The simplicity of our design is further exemplified by the remarkable alignment stability of **HIGHLite Displays**. Factory preset convergence, exacting and stable color reproduction, digitally accurate image uniformity and user friendly on-screen menus ensure simple and confident setup and minimal maintenance, for even the most challenging large-screen applications.

Seeing is Believing...

Specifications alone cannot tell the full story. The true beauty of a **HIGHLite Display** comes to light when it is performing in your application. Ask us your toughest questions, study our customer service philosophy and experience a **LIGHTNING, THUNDER** or **HIGHLite Display** for yourself. Our actions, products and the testimonials of our customers all serve to prove, Digital Projection delivers the perfect solution for every venue.



Projector Dimensions

L1 682mm
H1 308mm
W1 560mm



July 8, 2002