

### DLD-380FD Features

- Blu-Escent™ Laser phosphor illumination technology for imaging excellence and long-term reliability [~20,000 hours]
- Advanced three-chip D-ILA® panels with V4K™ technology for enhanced 4K viewing [3840 X 2160] from standard SD and HD sources
- 1600 ANSI peak white, ~150,000:1 native CR performance
- Extended range primary lens: 1.45:1 to 2.78:1 TD
- Ample H+V offset capabilities
- Factory hand-calibrated for imaging excellence
- ProScaler MK III Video inputs – 2 HDMI (SD/HD 1.4a), one HDMI 1.4a video output
- Advanced 10-bit video processing, multiple calibration memories per input
- E- VariScope™ for 2.35:1 film widescreen viewing on constant height screens (no anamorphic lens required)
- Three optional cinema-grade VariScope™ anamorphic lens assemblies [two fixed, one motorized]
- IR remote control included plus LAN, RS-232 system control capabilities
- Elegant gloss black cabinet with optimized thermal design for extended projector and lamp life
- Optional WC-PM-M ceiling mount assembly



### DLD-380FD Laser D-ILA® Home Cinema Projector

The future comes together in our newest V4K™ laser-illuminated ensemble, the DLD-380FD home cinema projection system.

Long-life Blu-Escent™ laser modules create stunning images from all your favorite sources, handled by a next-generation three-chip, D-ILA® [Direct Drive Image Light Amplifier] light engine for ultra-high-fidelity viewing. D-ILA® is a LCoS [Liquid Crystal on Silicon] technology originated by JVC Kenwood, which produces stunning film-like imaging with deep contrast levels and natural color renditions.

Wolf Cinema's remarkable Blu-Escent™ imaging technologies uses multiple high-output blue lasers as the primary light source. The blue laser output fires onto a special phosphor wheel, which when spinning rapidly creates yellow light. This yellow light is then spectrally broken down into the R [Red] and G [Green] primaries via filters. The light is then directed onto three Gen6 D-ILA® high resolution imaging panels, out through the optics and onto your projection screen. The real benefits here are the laser module's extended life: enjoy up to 20,000 hours of viewing excitement from our Blu-Escent™ laser technology, without ever having to change out a bulb or re-calibrate your system due to lamp degradation.

The system's remarkable V4K™ imaging technology up-converts all SD and HD content and presents those images at 3840 x 2160 [2160p] on-screen resolution – breathtakingly detailed images that rival the finest HD and UltraHD 4K displays! At 1600 ANSI and with superior black level renditions, this ensemble can easily fill home theater screens up to 12-ft. [3.6 meters] in width. The projector and rack-mountable ProScaler MK III video processor delivers some of our most advanced Wolf Cinema video processing to date, with multi-axis CMS calibration capabilities for precise color tracking, our hand-calibrated gamut and gamma curves, deep black level performance and more.

You'll also enjoy our latest technology wizardry known as E-VariScope™: the immersive 2:35:1 CinemaScope® widescreen experience without those unwanted top & bottom "black bars" as experienced on 16/9 screens...and all without an external anamorphic lens!

The DLD-380FD bottom line – you'll enjoy year after year of that "uncompromised Wolf Cinema image" in all viewing modes, from all your favorite sources.

# DLD-380FD

## Specifications

### DLD-380FD Laser HD Projection System

Display Technology	6th generation D-ILA® devices (Direct-Drive Image Light Amplifier) 0.7" (1920 pixels x 1080 pixels) x 3 (total no. of pixels: approx. 6.22 million)
V4K™ Resolution	3840 x 2160 [2160p] precision
Illumination	Blu-Escent™ laser, ~20,000 hours (eco mode), 24/7 capabilities
Performance	1600 ANSI lumens, ~150,000:1 native contrast ratio
Noise Levels	42dB SPL (eco mode), 48 dB SPL (normal)
Inputs	HDMI 1.4a (x2), HDCP compliant
Signals	480i, 480p, 576i, 576p, 720p/50 Hz, 720p/60 Hz, 1080i/50 Hz, 1080i/60 Hz, 1080p/24 Hz, 1080p/50 Hz, 1080p/60 Hz
Lens Shift	~80% Vertical, ~35% Horizontal
Control	RS-232C terminal, D-sub 9-pin (male), RJ-45 LAN terminal
Power Requirements	AC 110V-240V 50/60Hz
Power Consumption	520W (340W eco mode) (standby mode: 0.4W)
Dimensions (WxHxD)	19.5" x 8.8" x 22.5" (496 x 224 x 572 mm)
Weight	60 lbs., 28 kg. net / 75 lbs., 34 kg. shipping

### ProScaler MK III Video Processor



Inputs/Outputs	2 HDMI 1.4a, 1 HDMI video outputs
Video Processing	10 bit scaling, 125 point (5x5x5) gamut correction Advanced filtering, MPEG mosquito noise, block artifact reduction, Temporal noise reduction for SD/HD sources; multiple configuration memories per input
E-VariScope™	Enables 2.35:1 viewing on constant height screens [no anamorphic lens required]
Rack Mountable	Rack mounting ears included
Control	IR; RS-232 (serial input – D sub-9), Wired IR format command input
Power Requirements	Universal 110V-240V, 50/60Hz power supply included, output 5.0 VDC, 4.0A
Power consumption	13 Watts
Dimensions (WxHxD)	17" x 2" x 9.5" (1.75"H without feet) (431.8 x 50.8 x 241.3 mm)
Weight	7 lb (3.6kg)

*All features and specifications subject to change without notice.  
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