



DU8090Z

LARGE VENUE LASER PROJECTOR WITH COMPLETE CONNECTIVITY, THAT'S 8000 ANSI LUMENS BRIGHT AND FULLY FEATURED

FEATURES

- Laser phosphor projection engine incorporates a laser design that's long lasting (20,000 hrs) and environmentally friendly
- 8,000 ANSI lumens, with a dynamic 10,000:1 contrast ratio, provide amazing image quality that's stable over time
- Built-in ACS (auto color sensor) for color and brightness consistency
- Built-in MPS (multi projector system) hardware for edge blending, flexible geometry and warping functionality
- Network connectivity for remote projector management - control and status. Ready for integration and system administration via RJ45
- Sealed optical engine and filter-less design improves performance with minimal service maintenance
- Choose the color to best fit your environment, with black and white cabinet colors available

LENS CHART

Model	D88-WF18501	D88-UWZ01	D88-WZ01	D88-ST001	D88-SMLZ01	D88-LOZ101	D88-LOZ201	D88-UST01
Part #	3797745100-SVK	3797804200-SVK	3797745200-SVK	3797744200-SVK	3797745000-SVK	3797745400-SVK	3797744900-SVK	3797855700-SVK
Lens Desc.	Wide Fixed, On Axis	Ultra-Wide Zoom Lens	Wide Zoom Lens	Regular Zoom Lens	Semi-Long Zoom Lens 1	Long Zoom Lens 1	Long Zoom Lens 2	Ultra-Short Throw Lens
Throw Ratio	0.78:1	0.75-0.93:1	1.25-1.8:1	1.73-2.27:1	2.22-3.67:1	3.58-5.38:1	5.31-8.26:1	0.38:1 On Axis
Image Size Diagonal	40-500" (1.02-12.7 m)	40-500" (1.01-12.7 m)	40-500" (1.02-12.7 m)	40-500" (1.02-12.7 m)	40-500" (1.02-12.7 m)	40-500" (1.02-12.7 m)	40-500" (1.02-12.7 m)	100-350" (2.54-8.9 m)
Projection Distance	20-118" (0.62-10.36 m)	24.4-376" (0.62-10.4 m)	39.3-770" (1.0-19.6 m)	58-276" (1.45-24.85 m)	74.7-1583" (1.9-40.3 m)	118-2318" (3-59 m)	174-3597" (4.42-91.5 m)	33.4-107.7" (0.85-2.74 m)

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LARGE VENUE

The DU8090Z laser projector takes projection to the next level, with impressively vivid colors and a high brightness of 8,000 ANSI lumens. Built lamp-free, it provides a low cost of ownership, with minimal maintenance, and gives a stable, high-quality projection for up to 20,000 hours. Complete lens set together with a full feature set the DU8090Z offers the best performance and value in the next generation of advanced technology projection — laser. The DU8090Z offers the most immersive big-screen experience available in digital projection.



SPECIFICATIONS

Display Type	Single Chip 0.67" DLP™ Technology by TI
Brightness	8,000 ANSI Lumens
Native Resolution	WUXGA (1920 x 1200)
Maximum Resolution	WUXGA (1920 x 1200) at 60 Hz (Reduced Blanking)
Contrast Ratio	10,000:1
Light Engine Life and Type	Up to 20,000 Hours, Laser Phosphor Light Engine
Image Size (Diagonal)*	40" - 500", 1 - 12.7 m
Aspect Ratio	16:10
Offset	Motorized Lens Shift, Horizontal and Vertical
Keystone Correction	Horizontal ± 60°, Vertical ± 40°
Horizontal Frequency	15 - 108 Hz
Vertical Scan Rate	50 - 85 Hz
Edge Blending	Yes (Built-in)
Warping	Yes (Built-in)
3D Functionality	Yes; DLP® Link™, HDMI v1.4 (Blu-ray, Side by Side, Frame Packing, Top and Bottom)
Lens Shift Range**	Vertical: 0-50%, Horizontal: ±10%
Computer Compatibility	VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA, 1080P, WUXGA at 60 Hz, Max
Video Compatibility	SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i/p) NTSC (M, 3.58/4.43 MHz), PAL (B, D, G, H, I, M, N), SECAM (B, D, G, K, K1, L), WUXGA at 60 Hz Max
I/O Connection Ports	HDMI v1.4a (x2) DVI-D, Component (5 BNC), VGA-In, 3G-SDI-In/Out, RS-232, VGA-Out, 3D-Sync In/Out, 12v Trigger, Wired Remote, HDBaseT™/LAN (Shared)
Projection Method	Flexible 360°; Image Correction for Table Top, Ceiling Mount
Security Solutions	Kensington® Security Slot, Security Bar, Keypad Lock, Anti-Theft Lens Screw
Dimensions (WxDxH)	19.7" x 22.8" x 8.1", 500 x 580 x 205 mm
Weight	28 kg (61.7 lbs)
Cabinet Colors	Black, White
Noise Level	40 dB (Normal Mode)
Power Supply	AC 100-240 V, 50/60 Hz
Power Consumption	Full Power: 990 Watts, Standby Power < 6W
Standard Accessories	Replacement Lamp, Interchangeable Lens (Five), AC Power Cord, Remote, Lens Cap, Anti-Theft Lens Screw, Documentation Kit
Optional Accessories	Interchangeable Lens Options (x8), NovoPRO
Warranty	5-Year Parts & Labor or 20,000 Hours (Whichever Comes First) and 3-Year Advanced Exchange Warranty

*Note: Regular Lens

**Note: Lens shift compatibility with all lenses except D88-WF18501 Wide Fixed Lens (3797745100-SVK) and D88-UST01 Ultra-Short Throw Lens (3797855700-SVK). Screen height or screen width/2 x % max.

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