



DU7090Z

LARGE VENUE — 6000 ANSI LUMEN NEAR-SILENT LASER PROJECTOR THAT OFFERS COMPLETE CONNECTIVITY & VALUE

FEATURES

- Advanced V-Color, dual-phosphor, laser light engine provides a superior brightness and color uniformity to create the most immersive, big-screen images possible today
- Quietest laser projector in its class at 33dB — in full power mode
- Lamp-less design delivers up to 20,000 hours of operational time, in full power mode, with a 20,000 hour warranty
- 6,000 ANSI lumens and a 15,000:1 contrast ratio

LENS CHART

| Model | LNS-5FX2 | LNS-5STZ | LNS-5SZ12 | LNS-5LZ23 | LNS-5LZ2 |
|---------------------|--------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|
| Part Number | 5811120818-SVV | 5811120054-SVV | 5811120865-SVV | 5811119237-SVV | 5811120055-SVV |
| Lens Description | Wide Fixed (On Axis) | Short Zoom Lens | Standard Zoom Lens | Long Zoom Lens | Super Long Zoom |
| Throw Ratio | 0.78:1 | 1.1-1.3:1 | 1.54-1.93:1 | 1.93-2.9:1 | 3.0-5:1 |
| Image Size Diagonal | 48" to 298" (1.22 to 7.57m) | 36" to 380" (0.91 to 9.65m) | 36" to 300" (0.91 to 7.6m) | 32" to 481" (0.81 to 11.9m) | 28" to 310" (0.71 to 7.9m) |
| Projection Distance | 31.5" to 197" (0.8 to 5m) | 39" to 354" (1.0 to 9m) | 59" to 392" (1.5 to 9.95m) | 78" to 787" (2.0 to 20m) | 118" to 787" (3.0 to 20m) |

Optimal image sizes and throw distances shown.

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With impressively vivid colors and a high brightness of 6,000 ANSI lumens, the DU7090Z offers the next generation of advanced projection technology — laser. 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. The DU7090Z offers an immersive big-screen experience with an unbeatable return on investment.



SPECIFICATIONS

| | |
|----------------------------------|---|
| Display Type | Single Chip 0.67" DLP Technology by TI |
| Brightness | 6,000 ANSI Lumens, ISO21118 |
| Native Resolution | WUXGA (1920 x 1200) |
| Maximum Resolution | WUXGA (1920 x 1200) at 60 Hz |
| Contrast Ratio | 15,000:1 |
| Lamp Life and Type | Up to 20,000 Hours, Laser Phosphor Light Engine |
| Image Size (Diagonal)* | Up to 500" Diagonal (Lens Dependent) |
| Aspect Ratio | 16:10 (4:3, 16:9, 2.35:1 Switchable) |
| Lens | Manual Focus / Zoom and Lens Shift |
| Keystone Correction | Vertical ±25°, Horizontal ±30° |
| Horizontal Frequency | 15, 31 -91.4 KHz |
| Vertical Scan Rate | 24-30 Hz, 47-120 Hz |
| 3D | Yes with DLP® Link™, HDMI 1.4 (Blu-ray 3D) |
| Operating Temp. | 0-40°, 10-90% RH Non-Condensing |
| Lens Shift Range* | Vertical: -15% + 55%, Horizontal: -5% +5% |
| Computer Compatibility | VGA, SVGA, XGA, SXGA, SXGA+, UXGA, WUXGA at 60 Hz, Mac |
| Video Compatibility | SDTV (480i, 576i) / EDTV (480p, 576p) / HDTV (720p, 1080i, 1080p), NTSC (M, 3.58/4.43 MHz), PAL (B,D,G,H,I,M,N) SECAM (B,D,G,K,K1,L) |
| I/O Connection Ports | HDMI v1.4b, MHL/HDMI 1.4b, DVI-D, Component (5 BNC) (RGBHV), 3D-Sync-In, VGA-In, Audio-In RCA (L/R), Audio-In (Mini-Jack), VGA-Out, Audio-Out RCA (L/R), 3D Sync-Out, USB Type A Power (5V/2.0A), RJ45, 12V Trigger, RS-232-In, RS-232-Out, Wired Remote-In, Wired Remote-Out, HDBaseT™/LAN (Shared), USB (Service) |
| Projection Orientation | 360° Orientation |
| Security Solutions | Kensington® Security Slot, Security Bar, Keypad Lock |
| Dimensions (WxDxH) | 517 x 470 x 202 mm (20.3" x 18.5" x 7.9") |
| Weight | 24 kg (52.9 lbs) |
| Available Color | Black (DU7090Z-BK), White (DU7090Z-WH) |
| Noise Level | 33 dB / 30 dB (Normal / Economy Mode) |
| Power Supply; Power Cons. | AC 100-240V, 50/60 Hz; AC 100-240 V, 50/60 Hz |
| Instant on/off | Yes |
| Standard Accessories | AC Power Cord, VGA Cable, Lens Cap (TBD), Remote Control w/ Batteries, Filter, Documentation Kit |
| Optional Accessories | Interchangeable Lens Options (x5) |
| Warranty | 5-Year Parts & Labor or 20,000 Hours (Whichever Comes First) and 3-Year Advanced Exchange Warranty |
| Orthogonality Adjustment | Yes, Four Corner |

LAN CONTROL COMPATIBILITY

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|--|---|
| LAN Control — Cestron Roomview, Connected | LAN Control — PJ Link Compatible |
| LAN Control — Crestron eControl | LAN Control — AMX SSDP |
| LAN Control — Extron | LAN Control to RS232 (RS232 by Telnet) |



*Note: Using Regular Lens

