Features

• Laser phosphor engine incorporating a lamp-less design that is mercury-free and environmentally friendly
• 10,000 ANSI lumens with a dynamic 10,000:1 contrast ratio for an amazing image quality
• Built-in color sensor to maintain constant color and an optimal brightness ratio
• Low maintenance with up to 20,000 hours of operating time
• Native WUXGA resolution with a maximum WUXGA resolution
• Built-in hardware edge blending and warping functionality
• Powered zoom, focus and lens shift (horizontal/vertical) for easy adjustment and positioning flexibility
• Lens Positioning Memory (LPS) for quick recall of user defined lens positions (focus, zoom and lens shift)
• Picture-in-Picture (PIP) for simultaneously image projection from two different active sources
• Full suite of display connectivity inputs and outputs including: HDMI v1.4a, DVI-D, Component (5 BNC), VGA-In, 3G-SDI-In/Out, VGA-Out, HDBaseT™
• HDBaseT™ interface with support for distribution of digital HD video content over standard CAT5e/6 LAN cable
• 3D compatibility with DLP® Link™ and HDMI 1.4 technology support (Blu-ray, side by side, frame packing, top and bottom) for dazzling and realistic life-like images
• Portrait mode projection allows the projector to be easily setup and installed in a 90° installation
• 360° operation and projection design for set up in all angles
• Network ready for integration and system administration via RJ45
• Crestron® RoomView™ integration for network monitoring and management
• Eight (8) interchangeable lens options with quick touch lens release design for easy lens removal and reinstallation
• Sealed optical engine and filter-less design keep dust out and improves performance
• 24/7 continuous operation with no downtime

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## SPECIFICATION

| Display Type | Single Chip 0.67” DLP Technology by TI |
| Brightness | 10,000 ANSI Lumens |
| Native Resolution | WUXGA (1920 x 1200) |
| Maximum Resolution | WUXGA (1920 x 1200) @ 60Hz (Reduced Blanking) |
| Contrast Ratio | 10,000:1 |
| Laser Life/Type | Up to 20,000 hours (Laser Phosphor Light Engine) |
| Throw Ratio* | 1.73 - 2.27:1 |
| Image Size (Diagonal)* | 40” - 500” |
| Projection Distance* | 1.45 - 24.85m (4.77ft to 81.52ft) |
| Projection Lens* | F = 1.7 - 1.9, f = 26 - 34mm |
| Zoom Ratio* | 1.3x |
| Aspect Ratio | 16:10 |
| Offset | Motorized Lens Shift |
| Keystone Correction | Horizontal ±60°, Vertical ±40° |
| Horizontal Frequency | 15, 30 – 90Hz |
| Vertical Scan Rate | 50 - 85Hz |
| 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: 33% - 64%, Horizontal: -14% - 24%

### Computer Compatibility
- VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA, 1080P, WUXGA@60hz, Mac

### 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)

### I/O Connection Ports
- HDMI V1.4a (x2) HDBaseT™/LAN (Shared RJ45)
- 3G-HDSDI-In/Out
- RS-232
- DVI-D
- 12-Volt Trigger (3.5mm)
- 5 BNC (YPbPr / RGBHV)
- 3D-Sync In/Out
- VGA In/Out
- Wire Remote (3.5mm)

### Projection Method
- Table Top, Ceiling Mount, Portrait (Front or Rear)

### 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 205mm)

### Weight
- 28kg (61.7lbs)

### Available Colors
- Black (DU8190Z-BK)

### Noise Level
- 42dB (Normal Mode)

### Power Supply
- AC 100-240V, 50/60Hz

### Power Consumption
- Normal: 1,320@100Vac, 1,245@240Vac
- <6W@Network Standby, <0.5W@Eco Standby

### Standard Accessories
- AC Power Cord, Remote Control w/Batteries, Lens Cap, Anti-Theft Lens Screw, Documentation Kit

### Optional Accessories
- Interchangeable Lens Options (x8)**

### UPC Code
- 813097022882

### Lens Part No.
- 3094741500-SV
- 379784200-SV
- 3797745200-SV
- 3797744200-SV
- 3797745000-SV
- 3797745400-SV
- 3797744900-SV
- 3797866500-SVK

### Video Compatibility
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### UPC Code
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*Note: Standard Lens
**Note: Lens shift compatibility with all lenses except D88-WF18501 Wide Fixed Lens (3797745100-SVK) and D88-UST01 Ultra-Short Throw Lens (3797866500-SVK)

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