# LX1000

Boardrooms

Houses of worship

Large conference rooms

Rental/Staging

Small auditoriums

*Lens sold separately*

## High performance flexibility at 10,000 lumens

The Christie LX1000 offers complete flexibility in applications that demand high brightness and cost-effective performance. This dual lamp system has 10,000 ANSI lumens and can be stacked quickly and easily to double the brightness to 20,000 ANSI lumens. Christie's latest 3LCD, XGA projector offers exceptional image quality, application flexibility and low cost of ownership.

The Christie LX1000 features inorganic 3LCD technology to achieve a 3000:1 contrast ratio. The inorganic panels are also designed for improved life over conventional 3LCD panels. To further improve picture performance the Christie LX1000 provides 10-bit video processing to produce natural and smooth color tone reproduction to ensure picture stability (without image noise) and flawless video playback.
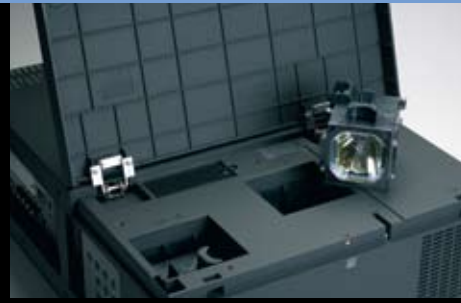
For the ultimate in application flexibility, you can match the Christie LX1000 to virtually any application requirement. With a suite of ten optional, high performance lenses you can ensure image size is a perfect fit to any room configuration. Seven input modules allow you to connect to any input signal in a variety of formats. The Christie LX1000 is also operable in either 100-120V or 200-240V environments.

Depending on how you use the Christie LX1000, the dual lamp system provides the flexibility to increase brightness or save lamp life. In mission-critical applications, the auto-switching lamp feature allows you to quickly switch in a new lamp with minimal presentation interruption. Access to top-loading lamps makes complete replacement quick and easy. The AutoFilter system rotates new filter sheets for up to 10,000 hours before the cartridge requires replacement – ultimately reducing your maintenance costs and extending the life of your projector.

The Christie LX1000 is the flexible choice for virtually any installation including  medium-size auditoriums, houses of worship, large conference rooms, and rental/staging applications.

▲ AutoFilter system provides 10,000 hours of hassle-free operation (typical use), before needing to replace the cartridge, reducing the total cost of ownership of the projector.

▲ The LX1000 dual lamp asymmetrical design provides high brightness and increased uniformity, even in a single lamp mode.
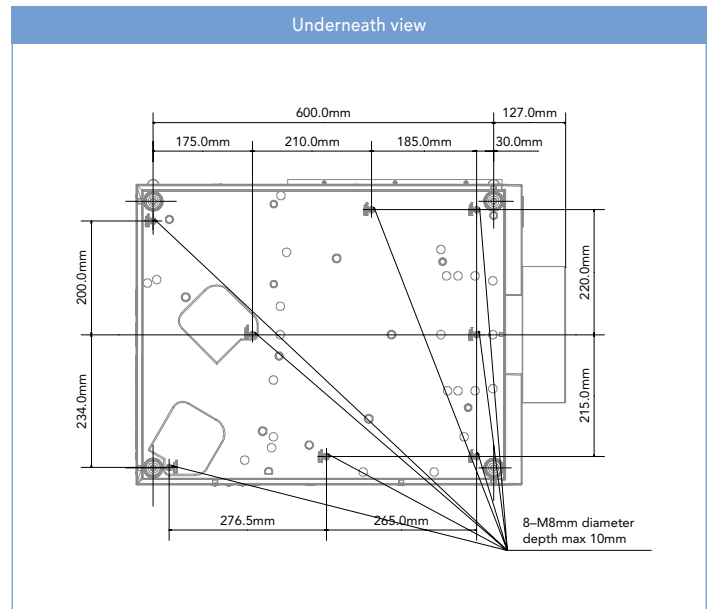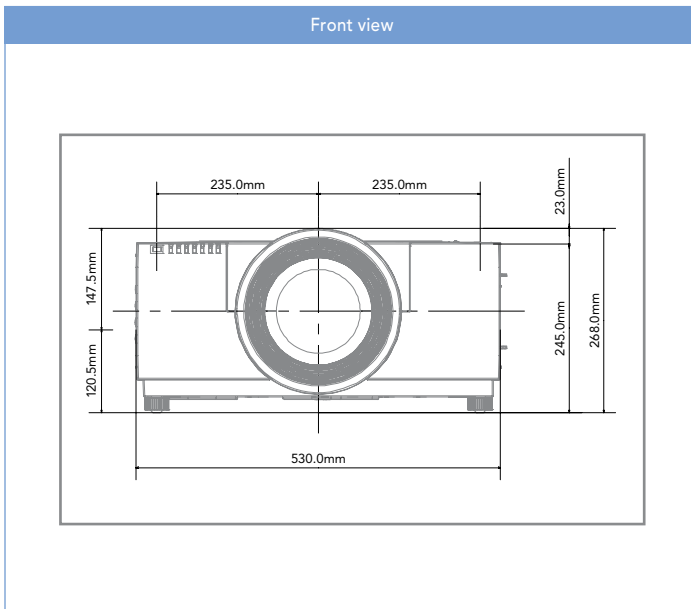
| | | LX1000 | | |
|---|---|---|---|---|
| Image | brightness | • 10,000 lumens | | |
| | contrast | • 3000:1 (full on/off) | | |
| | uniformity | • 90% brightness uniformity (corner to corner) | | |
| Display | type | • 3 x 1.8" inorganic LCD | | |
| | native resolution | • Native XGA 1024 x 768 | | |
| Lamp | type | • Dual 330W Ushio NSHA | | |
| | life | • Normal mode: 2000 hrs  • Eco mode: 3000 hrs | | |
| Lenses | short fixed | • 0.8:1, 38-804043-52 | • 1.2:1, 38-809036-52 | |
| | short zoom | • 1.4-1.8:1, 38-809037-52 | • 1.5-2.0:1, 38-809094-51 | • 1.2-1.5:1, 103-103101-01 |
| | standard zoom | • 2.0-2.6:1, 38-809039-52 | • 2.6-3.5:1, 38-809044-52 | |
| | semi long zoom | • 3.5-4.5:1, 38-809040-52 | • 4.4-6.2:1, 38-809042-52 | |
| | long zoom | • 6.3-9.0:1, 38-809070-51 | | |
| Input | signals | • UXGA*, SXGA+, SXGA, WXGA/XGA (native), SVGA, VGA, MAC, NTCS, PAL, SECAM, NTSC4.43, PAL-M, PAL-N *Analog signal only<br>• HDTV formats (480i, 480P, 575i, 575p, 720P, 1035i, 1080i, 1080p-DVI) | | |
| | pixel clock | • 230MHz (analog)  • 193MHz (digital) | | |
| | scan rates | • 15kHz-120kHz Horizontal  • 48Hz-120Hz Vertical | | |
| Inputs, control and networking | | • Input 1: DVI-D (DHCP) x1, HD 15 x 1  • Input 2: BNC x 5 (R,G,B,H,V & Y,Pb/Cb, Pr/Cr & Composite), Mini DIN 4-pin (S-video)  • Input 3: free slot<br>• Input 4: free slot  • Control: serial input – Dsub-9 x 1  • Serial output: Dsub-9 x 1  • R/C jack – mini jack x 1  • Service port USB (type B) | | |
| Optical system | | • Motorized zoom, focus and lens shift  • Vertical lens shift up/down ±50%  • Horizontal lens shift left right 10% (calculations based on center lens center image using standard zoom lens)  • Mechanical light shutter | | |
| Standard accessories | | • Quick setup manual  • Real Color Management software instruction  • UL cable card  • Lens adaptation  • Light-block sheet x 3  • Lens spacer x 3 (T0.1, T0.2, T0.3)  • Mounting lens x 1  • Lens strap clamp  • Power cord  • AC cord UL type (NEMA 6-20P plug type) 3 meters  • AC cord European 2P plug type 3 meters  • Computer cable (Dsub15-Dsub15)  • Remote control  • AA Battery x 2 | | |
| Optional accessories | input modules | • DVI/Dsub15 module – 103-113106-01  • 5 BNC module – 38-804716-54  • SDI-Dual module – 38-804790-51<br>• 5BNC/Video module – 103-114107-01  • Dsub-15 module – 38-804718-52  • Warp and blending module – 103-102101-01<br>• DVI module (HDCP) – 103-104101-01 | | |
| | network input module | • CCM-LX-i 103-116109-01 | | |
| | replacement lamp | • 330W USHIO NSHA lamps – 003-120479-01 | | |
| | filter | • Replacement AutoFilter Cartridge – 003-002003-01 | | |
| Enhanced feature sets | | • Twin Stack design for easy set up  • Auto-switching lamp feature (single lamp mode)  • Digital keystone feature (Max: V±50°, H±10°)<br>• AutoFilter cartridge technology, 10,000 hours of maintenance free operation before changing (typical environment)  • Built-in RS 232c port<br>• Customizable start-up logo  • Selectable aspect ratio standard 4:3 or wide screen 16:9  • Top loading lamps  • Intuitive graphical user interface<br>• Built-in keypad (power on/standby, menu, up, down, left, right arrows)  • Front and rear infrared sensors for IR keypad  • Carrying handles<br>• Auto discoloration prevention with 3D-AUCC technology  • Top maintenance access to LCD panels- simplifies cleaning | | |
| Power requirements | operating voltage | • AC 100-120V ±10%  • AC 200-240V ±10% | | |
| | operating current | • 5.1A max at 200V(11.2A max at 100V) | | |
| | power | • 950W typ. (3242[BTU/h]) (Normal 100V/11.2A)  • 950W typ. (3242[BTU/h]) (Normal 220V/5.1A) | | |
| | dissipation | • 3230BTU/hr | | |

▲ Easy-to-use key pad allows for direct access to the projector's menu, lens shift, focus, mechanical shutter and input selections.

▲ The LX1000 offers input flexibility by providing two option board slots to allow for additional signal connectivity from a variety of option cards.

| | | LX1000 |
|---|---|---|
| Dimensions | size | • (LxWxH): 29.8 x 20.9 x10.5" (757.0 x 530.0 x 267.5mm) (w/lens removed w/feet at minimum height position) |
| | shipping dimensions | • (LxWxH): 37.4 x 33.3 x 21.3" (951.0 x 846.0 x 542.0mm) |
| | weight | • 61.8lbs (28.0kg) (without lens) |
| | shipping weight | • 83.8lbs (38.0kg) |
| Noise | | • Normal mode: 46dBA  • Eco mode: 45dBA |
| Operating environment | | • Temperature: 41-104°F (5-40°C)  • Storage temperature: 14-140°F (-10-60°C)  • Humidity: 20-80% non-condensing  • 0-8858ft (0-2700m) |
| Regulatory approvals | | • This product conforms to the following regulations related to product safety, environmental requirements and electromagnetic compatibility (EMC):<br>• CFR 47 FCC Rules and Regulations Part 15  • EN55022: Class A  • EN55024  • IEC 60950-1  • EU RoHS Directive |
| Limited warranty | | • Projector: 3 years parts and labor  • Lamp: 120 days/500 hrs total operation whichever occurs first<br>• Contact an authorized Christie representative for full details of our limited warranty |

### Front view

235.0mm  235.0mm
147.5mm
120.5mm
530.0mm
23.0mm
245.0mm
268.0mm

### Underneath view

600.0mm  127.0mm
175.0mm  210.0mm  185.0mm  30.0mm
200.0mm
234.0mm
220.0mm
215.0mm
276.5mm  265.0mm
8–M8mm diameter depth max 10mm

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