

5,500 Lumens · 5,000,000:1 Contrast · WUXGA · 3LCD  
Laser Light Source · 4K Scaler · 0.235:1 Ultra Short Throw

# EK-55LU

## Ultra Short Throw Projector



### Key Features

- 5,500 center lumens bright with 80% uniformity and a 5,000,000:1 contrast ratio.
- High brightness and contrast with long life 20,000 hour Laser Light Source.
- Ultra Short Throw (0.235:1) manual focus lens.
- 10-bit color processing, for superior color reproduction.
- Native WUXGA resolution. Compatible with inputs up-to UXGA, WUXGA and 4K.
- Supports 4K video input via HDMI.
- Horizontal, Vertical & Corner Keystone Correction.
- Pincushion/Barrel & 6 point Geometric Correction.
- Built-in 16 Watt amplifier and speaker system. Closed Caption decoding.
- Compatible with Crestron RoomView™ & AMX Device Discovery Technology.
- Wired network control and monitoring.



# EK-55LU

WUXGA 3LCD Laser Projector

# EIKI

## • Specifications

|                                 |           |                                                                                                      |
|---------------------------------|-----------|------------------------------------------------------------------------------------------------------|
| Model                           |           | EK-55LU                                                                                              |
| Display Type                    |           | 0.64" 3LCD                                                                                           |
| Resolution                      |           | WUXGA (1920 x 1200)                                                                                  |
| Aspect Ratio                    |           | 16:10                                                                                                |
| Brightness (Center Lumens)      |           | 5,500 lumens                                                                                         |
| Contrast Ratio                  |           | 5,000,000:1                                                                                          |
| Projection Light Source         |           | Laser                                                                                                |
| Light Source Life               |           | 20,000 hours                                                                                         |
| Image Diagonal                  |           | 80-120"                                                                                              |
| Lens (F Value / Focal Length)   |           | f: 1.7; FL: 0.115 in (2.94 mm)                                                                       |
| Throw Distance                  |           | 1.34-2.0 ft (0.41-0.61 m)                                                                            |
| Throw:Width Ratio               |           | 0.235:1                                                                                              |
| Keystone Correction             |           | V: +/- 5° H: +/- 5°, Corner Keystone                                                                 |
| Projection Elevation Adjustment |           | up-to 2°                                                                                             |
| Scanning Frequency              |           | H Sync. 15-100 KHz, V Sync. 24-85 Hz                                                                 |
| Dot Clock                       |           | up-to 300 MHz                                                                                        |
| Input Signals - Computer        |           | 4K (3840 x 2160) - VGA (640 x 480)                                                                   |
| Input Signals - Video           |           | 1080 i/p, 720 p, 576 i/p, 480 i/p                                                                    |
| Terminal                        | HDMI In   | HDMI x 2                                                                                             |
|                                 | VGA In    | Dsub15 x 1                                                                                           |
|                                 | USB       | USB Type A x 1 (Memory Viewer)                                                                       |
|                                 | USB       | USB Type B x 2 (Firmware)                                                                            |
|                                 | VGA Out   | Dsub15 x 1                                                                                           |
|                                 | Audio In  | 3.5mm MiniStereo x 1                                                                                 |
|                                 | Audio Out | 3.5mm MiniStereo x 1                                                                                 |
| Built-in Speaker                |           | Mono 16 Watt                                                                                         |
| Fan Noise (Eco / Normal)        |           | 27 dB / 37 dB                                                                                        |
| Dimensions (H x W x D)          |           | 6.6 x 20.5 x 17.6 in (16.8 x 52.1 x 44.6 cm)                                                         |
| Weight                          |           | 24 lb (11 kg)                                                                                        |
| Power Requirements              |           | 100-240V AC, 50/60 Hz                                                                                |
| Power Consumption               |           | 0.5 W in Eco Standby mode, up-to 380 W                                                               |
| Thermal Dissipation             |           | 1297 BTU                                                                                             |
| Standard Accessories            |           | Detachable AC Power Cord,<br>VGA Cable, Quick Start Guide,<br>Remote Control (with 2x AAA Batteries) |

## • Dimensions



## • Terminals



## • Lens Specs

Manual Focus Fixed Lens  
f: 1.7; FL: 0.115 in (2.94 mm)  
Throw to Width: 0.235:1

## Distance Chart

| Throw Distance<br>(feet) | Screen Diagonal (inches) |     |      |      |      |
|--------------------------|--------------------------|-----|------|------|------|
|                          | 80"                      | 90" | 100" | 110" | 120" |
| 1.3                      | 1.3                      | 1.5 | 1.7  | 1.8  | 2.0  |

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