



# EIKI

## EK-50LU

**5,000 Lumens / WUXGA / 3LCD Laser + Phosphor Light Engine**  
**Accepts inputs up-to 4K**  
**Crestron RoomView™ & AMX Device Discovery Technology**

### High Brightness, High Contrast, 4K Signal Supported

5,000 center lumens bright with 80% uniformity and a 5,000,000:1 contrast ratio. Native WUXGA resolution. Compatible with inputs up-to UXGA, WUXGA and 4K. Supports analog and digital video input in all color standards up-to 1080p. Supports 4K video input via HDMI.



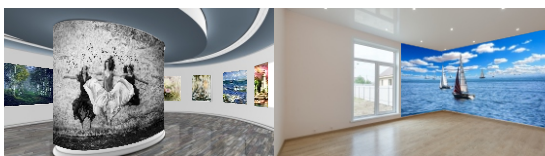
### No Shadow in the screen

Projecting 100" at a distance of 97cm, the ultra-short throw projector avoids direct light to harm the eyes and protects the user's safety.



### Versatile Installation Capability

- Horizontal, Vertical and Corner Keystone Correction.
- Pincushion/Barrel and 6 point Geometric Correction.
- 360° Free Orientation



### 30,000 Hours without change Light Source

Laser light source design can up to 30,000 hours operation time without light source replacement to reduce maintenance effort and give customer user-friendly feeling.



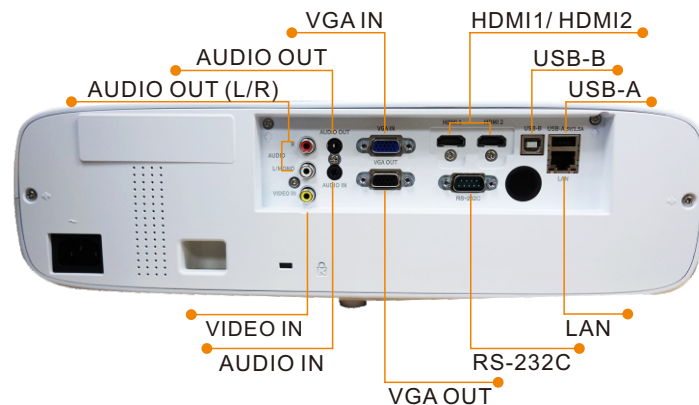
# EK-50LU

## WUXGA 3LCD Laser Projector

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### Specification

Model	EK-50LU
<b>Optical Spec.</b>	
Brightness (Lumens)	5000
Display Technology	3LCD
Contract Ratio	5,000,000:1 (FOFO)
Resolution	WUXGA (1920 x 1200)
Light Source	Laser Diode
Noise	ECO2: 28dB/ ECO1: 30dB/ Normal: 37dB
Lamp Lifetime	20,000 Hrs(Normal) / 30,000 Hrs(ECO)
Aspect Ratio	16:10(Standard)/4:3/16:9(Compatible)
<b>Projection Lens</b>	
F	1.6
f	6.39mm
Zoom/Focus	Manual
Throw Ratio	0.48:1
Screen Size	50"~120"
<b>Generic Spec.</b>	
Speaker	1*16W
Scanning Frequency	Hsync Frequency 15~100KHz / Vsync Frequency 24~85Hz
Computer Signal Input	VGA, SVGA, XGA, SXGA, WXGA, UXGA, WUXGA, 4K@30Hz
Videp Compatibility	PAL, SECAM, NTSC 4.43, PAL-M, PAL-N, 480i, 480p, 576i, 576p, 720p, 1080p and 1080i
Power Requirements	100~240V @ 50/60Hz
Power Consumption	ECO2: 170W/ ECO1: 190W/ Normal: 280W
Input Terminals	VGA x1, HDMI x2, Video x1, Audio in(mini jack, 3.5m) x1, Audio in(L/R) x1, USB-A x1(Support Memeory viewer), USB-B x1(Display), RJ 45 x1
Output Terminals	VGA x1, Audio out (mini-jack, 3.5mm) x1
Other Terminals	RS-232x1, RJ45 x1(control), USB-Bx1(for up-grade)
<b>Other Function</b>	
Keystone Correction	V: ±30°, H: ±30°, Pincushion/Barrel Correction, 4 Corner, 6 Corner Geometry Correction, Grid Image Tune
Auto Setup	INPUT SEARCH, AUTO PC, Auto Keystone, Auto Ceiling
Picture mode	Dynamic, Standard, Cinema, Colorboard, Blackboard(Green)
Suspend	Yes(5minutes no signal as default)
Cooling time	5s
D-Zoom	1~19
360 degree projection	Yes
<b>Mechanical Spec.</b>	
Max Dimensions ( WxHxDmm)	390(W) x 319(D) x 144(H) mm
Net. Weight(KG)	5.5 kg
<b>Standard Accessories</b>	
Standard	Power cord, VGA cable, Remote control, Service Card, QSG(for Projector)



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Specifications subject to change without notice. ©Eiki International Inc. Issue October 12, 2022

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