

4.0 System Specifications

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1.0 Accessories (included)

- 1- Technical Manual
- 1 - set of Projections Lenses (1.5:1, 3:1, or 5:1)
- 1 - Tethered Remote Control
- 1 - Data Setup Restoration Floppy Disk
- 1 - Auto Setup Tool (AST)

2.0 Accessories (optional)

- Extended Geometry PCB set
- EC Option
 - Fast CRTs
 - Fast ILA[®] devices
- Projection Lenses
 - 0.885:1
 - 2.177:1
 - 7:1
 - 10:1

3:1	15.7 ft.-241 ft.	5.2 ft.-80.3 ft.	2.2 in.	± 15°
5:1	20.4 ft.-357** ft.	4 ft.-71ft	0.5 in.	± 15°
7:1	25.2 ft.-357** ft.	4 ft.-51ft.	5.5 in.	± 15°
10:1	44 ft.-240 ft.	4.4 ft.-24ft.	6.2 in.	± 15°

*Throw=Distance from center lens to nearest point on screen.

**Length=Maximum distance lens extends beyond front of projector case.

7.0 Picture Quality

Brightness and Contrast

	ILA-12K	EC Option
Line Doubled Video 31.5 kHz/60 Hz NI 1.33:1 Aspect	12,000 Center Full White Lumens 8,400 ANSI 800:1 Contrast Ratio	9,000 Center Full White Lumens 6,300 ANSI 600:1 Contrast Ratio
1024x768, 90 Hz Source, NI 1.33:1 Aspect	15,000 Center Full White Lumens 10,500 ANSI 1000:1 Contrast Ratio	11,300 Center Full White Lumens 7,900 ANSI 750:1 Contrast Ratio
Frame Doubled Video 120 Hz I 1.33:1 Aspect	17,000 Center Full White Lumens 12,000 ANSI 1200:1 Contrast Ratio	12,800 Center Full White Lumens 9,000 ANSI 900:1 Contrast Ratio
16:9 Electronic Cinema 1920 x 1080, 60 Hz I 1.78:1 Aspect	9,600 Center Full White Lumens 6,700 ANSI 800:1 Contrast Ratio	7,200 Center Full White Lumens 5,000 ANSI 600:1 Contrast Ratio

Color Coordinates..... SMPTE 240M

RGB Bandwidth..... 150 MHz

8.0 Physical Characteristics

Size Height: 72.5-inches (183.7-cm)

Width: 56-inches (142.2-cm)

Length: 58-inches (147.3-cm)

Weight..... 1670-pounds (759-kg)

9.0 Operating Parameters

Light Modulator	3 - Proprietary Image Light Amplifiers ILA [®] devices. (100% solid state liquid crystal light valves).
Light Source	7000-W Xenon Arc Lamp
Lamp Life (typical)	500 hours at 90% brightness
Lamp Warranty.....	500 hours
Operating Temperature.....	32° ~ 104° (0° ~ 40° C)
Optimum Temperature.....	68° ~ 86° (20° ~ 30° C)
Power.....	US - 208 Vac, 60 Amp 5-wire 60 Hz International - 400 Vac, 32 Amp, 50 Hz.

10.0 Video Inputs

Video Inputs.....	2 - RGBHV
UDP Inputs	RGB Formats NTSC NTSC 4.43 SECAM PAL Serial 4:2:2 video input with loop-through. Composite input Y/C input Component Analog Video Inputs including: GBR SIMPTE/EBU Betacam MII