ILA Single Lens Projectors Series 200

ILA-230(SC), ILA-230HD, ILA-250

(please check for world-wide availability)

Perfect images and quick setup in the same large screen projector: single lens, sophisticated software with pull-down menus, and factory pre-sets for the most common sources. Setup typically in just 20 minutes or less for true plug-and-play operation

- Video, HDTV, data or high resolution graphics, in a wide range of aspect ratios, including 4:3 and 16:9, with big, bright, stunningly lifelike images with vivid colours, sharp contrast and crisp resolution.
- Models 220 and 230 are ideal for command and control centres, simulators, boardrooms and conference centres, universities, tradeshows, sports bars and concerts, and a wide variety of rental and staging applications.
- The Model 230HD offers the best High Definition video picture of any single lens projector; an outstanding solution for applications like HDTV production, post production, home theatre and broadcast studio sets.
- The model 250 is the newest and brightest in the series, with 5400 ANSI lumens and enhanced resolution

Proprietary ILA® Technology; Liquid crystal light valve, coupled to the CRT with a highly refined optics system, delivers lifelike images with an unparalleled combination of brightness, colour, contrast, bandwidth and resolution. Performs far beyond limitations of conventional LCD, CRT and DMD projectors.

Industry Leading Performance

- 2300 to 3400 lumens of light output and contrast ratios up to 1000:1, Series 200 projectors shine brightly through even the highest ambient light conditions.
- Bandwidth up to 120 MHz allows every detail of the source signal to show on the screen.
- Compatibility with sources up to 105 kHz frequency and 2330x1750 resolution means you've got the headroom to display images from virtually any current or future source.

High Resolution, Non-Pixelized Display

■ Series 200 projectors display images up to 1920x1080 without down-converting. That means more detail on the screen with no artifacts, dead pixels or pixel mapping errors. (Both LCD and DMD projectors rely on a fixed pixel matrix, creating pixelized images and requiring the up- or down-conversion of source material not at the native resolution of the panel).

Xenon Arc Lamp

- Same light source used in motion picture projectors, produces pure, white illumination to ensure colour accuracy and saturation.
- This Xenon lamp is also much more stable over time than other light sources, helping to maintain a highly stable colour temperature.
- The long lamp life, up to 1200 hours, provides not only high image quality but also operating costs up to 75% lower than competing technologies.

Lenses

- A variety of Fixed and Power Zoom Lenses for countless variations of screen sizes and projector placement - up to 210 feet from the screen.
- Custom Lenses are also available, including an option specially designed for simulation applications. Developed by







the world's most renowned optical manufacturers, all JVC lenses provide sharp, ghost-free images with consistently high levels of light transmission.

Variable Mounting Positions

Any Series 200 projector may be either ceiling or floor mounted, in an upright or inverted position, for both front or rear projection. And an optional Extended Keystone range allows mounting up to 25 degrees off-axis.

VIC Cards

Video Input Card slots allow easy customisation of inputs.

Options include RGBHV, Quad RGBHV, Quad Standard Decoder/
Line Doubler, HDTV Component and RGBHV Graphics Enhancer.

Special Applications

Series 200 projectors excel at specialised applications impossible with fixed matrix displays. Their ability to reshape the raster makes them an outstanding choice for curved screen applications like simulators and domed theatres. Edge Blending capabilities allow seamless panoramas, even a full 360 degree theatre in the round. Special Fast response ILAs and Fast retrace CRTs are available for display of high speed motion. And Colour Matched Optics are an ideal option for side-by-side projector applications.



ILA Single Lens Projectors Series 200

ILA-230(SC), ILA-230HD

Model	230/230SC	230HD	
Brightness	3400 Centre Full White/ 2700 ANSI Lumen	2550 Centre Full White/ 2025 ANSI Lumens (16:9) aspect ratio	
Contrast	390:1 (950:1 with SC model)	1000:1	
RGB bandwidth	120 MHz	at -3 dB	
Horizontal Frequency	15 -105 kHz		
Vertical frequency	45 - 120 Hz		
Aspect ratio	4:3 - 16:9 (variable) 16:9 (4:3 by reducing horizontal size)		
Blanking	H: $<$ 2.3 $\mu_{\rm r}$ V: $<$ 500 μ		
Source compatibility (HxV)	2000 x 1545	2330 x 1750	
Resolution (HxV)	1600 x 1200	1920 x 1080	
Video resolution	1130 TVL at 4:3 aspect ratio	1080 TVL at 16:9 aspect ratio	
Colour	SMPTI	240M	
Convergence	Digital with 99 memories/channels		
Light modulator	3 Proprietary Image Light Amplifiers (100% solid state liquid crystal light valve)		
Power	220 VAC, 20 A, 50/60 Hz, 2200 W, 7506 BTUs		
Light source	1600 W Xenon Arc Lamp		
Lamp life (typical)	1000 hours untill 70% brightness		
Lens options	Motorized Zoom: 2.6:1 - 5.1:1 Fixed: 1:1, 1.5:1, 7:1 Special Order: 3:1 Simulator lens (1.2:1 with adapter) All lenses with motorized focus Motorized Zoom: 2:1 - 4:1 Fixed: 0.96:1, 1.2:1, 5.6:1 All lenses with motorized focus		
Throw distance	Zoom: 13' - 102' (4 m - 31 m), Fixed:	7' - 210' (2.1 m - 64 m)	
Screen size (width)	Zoom: 5' - 20' (1.5 m - 6.1 m) 7' - 27' (2.1 m - 8.2 m)	Zoom: 6.1' - 26' (1.9 m - 8 m) Fixed: 8.7' - 33.7' (2.6 m - 10.3 m)	
Keystone	Up to ±5°; (H), ±15°; (V) Standard Up to ±7° (H), ±250° (V) with Extended Range Option		
Inputs	Video Input Card Options - 3 VIC Slots Available: RGBHV (Standard all 200 series) HDTV Y, Pr, Pb, (standard 230 HD only) Quad Standard Decoder/Line Doubler (2 slots) Quad RGBHV (2 slots), RGBHV Graphics Enhancer		
Communications ports	2 RS-232 ports		
Size (HxWxL)	40.9 cm x 61.5 cm x 126.2 cm	(16-1/8" x 24-1/4" x 49-11/16")	
Weight	118 kg (260 lbs.)		
Operation temperature	10°C - 40°C (50°F - 104°F)		
Included accessories	User's Guide: 1 RGBHV VIC, Technician's IR Remote and Cable, Data Setup Restoration Disk, AC Power Cord	User's Guide: 1 RGBHV VIC, 1 HDTV VIC, Technician's IR Remote and Cable, Data Setup Restoration Disk, AC Power Cord	
Optional accessories	Optional Accessories: Extended Geometry Board Set, High Speed Option (Fast CRTs, Fast ILAs), Colour Matching, Backlit Tethered Remote, Executive Backlit IR Remote, 150' Cable for Remotes, Service Manual, plus Lenses and VIC Cards (options above), shipping case.		

Brightness and contrast measured at 1024 x 768, 90 Hz, 5600°K



ILA Single Lens Projectors Series 200

ILA-250(SC)

Model	250	
Brightness		
Brigittiess	2550 Centre Full White/ 2025 ANSI Lumens	
	(16:9) aspect ratio	
Contrast	i i i	
***************************************	1000:1	
RGB bandwidth	120 MHz at -3 dB	
Horizontal Frequency	15 -105 kHz	
Vertical frequency	45 - 120 Hz	
Aspect ratio	16:9 (4:3 by reducing horizontal size)	
Blanking	H: <2.3 μ, V: <500 μ	
Source compatibility (HxV)	2330 x 1750	
Resolution (HxV)	1700x 1300	
Video resolution	1300 TV at 4: 3 aspect ratio, 975TVL at 16:9 aspect ratio	
Colour	·	
	SMPTE 240M	
Convergence Light modulator	Digital with 99 memories/channels	
Power	3 Proprietary Image Light Amplifiers (100% solid state liquid crystal light valve)	
Power	220 VAC, 20 A, 50/60 Hz, 2600 W, 8840 BTUs	
Light source	2000 W Xenon Arc Lamp	
Lamp life (typical)	1000 hours until 70% brightness	
Lens options		
	Motorized Zoom: 2:1 - 4:1 Fixed: 0.96:1,	
	1.5:1, 5.6:1	
	Special order: 2.4:1	
	simulator leus	
Throw distance	Zoom: 13' - 102' (4 m - 31 m), Fixed: 7' - 210' (2.1 m - 64 m)	
Screen size (width)	Zoom: 6.1' - 26'	
	(1.9 m - 8 m)	
	Fixed: 7' - 33.7'	
	(2.1 m - 10.3 m)	
Keystone	Up to ±5°; (H), ±15°; (V) Standard	
	Up to ±7° (H), ±250° (V) with Extended Range Option	
Inputs	V/ L L L Q L Q L L Q L Q L L A L L L L L L	
	Video Input Card Options - 3 VIC Slots Available: RGBHV (Standard all 200 series)	
	HDTV Y, Pr, Pb, (standard 230 HD only)	
	Quad Standard Decoder/Line Doubler (2 slots)	
	Quad RGBHV (2 slots), RGBHV Graphics Enhancer, Plus (standard)	
Communications ports	2 RS-232 ports	
Size (HxWxL)	58.8 cm x 61.5 cm x 139 cm (23-3/16" x 24-1/4" x 54-3/4")	
Weight		
Operation	127 kg (280 lbs.)	
temperature	10°C - 40°C (50°F - 104°F)	
Included	User's Guide: 1 RGBHV VIC, 1 Graphics Enhancer	
accessories	Plus, Technician's IR Remote and Cable, Data	
	Setup Restoration Disk, AC Power Cord	
Optional	Optional Appropriate Futer to the Control Decod Cot	
accessories	Optional Accessories: Extended Geometry Board Set,	
	High Speed Option (Fast CRTs, Fast ILAs), Colour Matching, Backlit Tethered Remote,	
	Executive Backlit IR Remote, 150' Cable for Remotes,	
	Service Manual, plus Lenses and VIC Cards (options above), shipping case.	
	our vice mandar, plus censes and vice cards (options above), shipping case.	

Brightness and contrast measured at 1024 x 768, 90 Hz, 5600°K



100

ILA-530(SC), ILA-430(SC), ILA-330(SC) ILA-540SC, ILA-440SC, ILA-340SC

ILA-570SC,ILA-470SC,ILA-370SC

(please check for world-wide availability)





When you need to entertain, teach, create or inspire, versatile and powerful, JVC Three lens projectors are ideal for video, HDTV, data and high resolution graphics, in a wide range of aspect ratios, including 4:3 and 16:9.

- Three lens Models 30, 40SC and 70SC are perfect for large, challenging venues like stadiums, arenas, theme parks, outdoor advertising, electronic cinema, concerts, broadcast studios and special events.
- Nothing has the impact of large screen images, and nothing surpasses the image quality of JVC three-lens projectors. legendary Hughes-JVC Brightness. Razor-sharp resolution. Colours that sizzle. Spectacular images pull the audience right in the action.
- Compare JVC Three lens projector performance spec for spec against any other large screen projectors. Examine critical factors like picture stability, lamp life, upgradeability and operating costs.

Proprietary ILA® Technology; Liquid crystal light valve, coupled to the CRT with a highly refined optics system, delivers lifelike images with an unparalleled combination of brightness, colour, contrast, bandwidth and resolution. Performs far beyond limitations of conventional LCD, CRT and DMD projectors.

Industry Leading Performance

3000 to 6800 lumens light output and contrast ratios up to 1200:1, Three lens projectors pack visual power in even the most brightly lit environments.

(cont.)

The highest bandwidth in the industry, up to a full 150 MHz, means the screen is bursting with detail. New Graphics Enhancement Circuitry ensures outstanding text and graphics reproduction.

Compatibility with sources up to 90 kHz frequency and 2500x1340 resolution means headroom to display images from any current or future source.

High Resolution, Non-Pixelized Display JVC Three lens projectors display images up to 2000x1280 without down-converting for more detail on the screen and with no artifacts, dead pixels or pixel mapping errors (LCD and DMD projectors rely on a fixed pixel matrix, creating pixelized images

projectors rely on a fixed pixel matrix, creating pixelized images and requiring the up- or down- conversion of source material not at the native resolution of the panel.)

Ultra Digital Processor/Decoder enhances both video and computer presentations, combining a line doubler/line quadrupler, frame doubler and quad standard decoder.

Xenon Arc Lamp

- The same light source used in motion picture projectors produces pure, white illumination to ensure colour accuracy and saturation.
- Much more stable over time than other light sources, with a highly stable colour temperature.
- Long lamp life up to 2500 hours, provides high image quality and operating costs up to 75% lower than competing technologies.

Lenses

Huge range of lens sets, from 0.885:1 wide angle to ultra-long throw 10:1 focal lengths, gives flexibility to position the projector wherever necessary, even up to 360 feet from the screen

Custom lenses are also available. Developed by the world's most renowned optical manufacturers, all JVC lenses provide sharp, ghost-free images with consistently high levels of light transmission.



ILA Three Lens Projectors

Variable Mounting Positions

Flexible mounting capabilities allow a wider range of applications. Every three lens projector may be either ceiling or floor mounted, front or rear projection. And, an optional Extended Keystone range allows mounting up to 22 degrees off-axis.

Streamlined Setup

All three lens projectors are preset at the factory for the most common source signals. Combined with new EZ Setup Software, this means you'll always enjoy a quicker, easier setup.

Special Applications

JVC three lens projectors excel at a number of specialised applications impossible with fixed matrix displays. Their ability to reshape the raster makes them an outstanding choice for curved screen applications like simulators and domed theatres. Edge Blending capabilities allow seamless panoramas, even a full 360 degree theatre in the round. Special Fast response ILAs and Fast retrace CRTs are available for display of high speed motion. And Colour Matched Optics are an ideal option for side-by-side projector applications

Models 500 International, 400 Europe, 300 North America

Series	30/30SC	40SC	70SC	
Brightness	3000 Centre Full White/ 2500 ANSI Lumens	4200 Centre Full White/ 3700 ANSI Lumens	6800 Centre Full White/ 6000 ANSI Lumens	
Contrast	300:1 (1200:1 with SC model)	1200:1	1200:1	
RGB bandwidth	150 MH:	z at -3dB	150 MHz at -3dB	
Horizontal frequency	15 - 90 kHz		15 - 90 kHz	
Vertical frequency	45 - 120 Hz			
Aspect ratio	4:3 - 16:9 (variable)			
Blanking	H: < 2.3 micro-sec, V: <500 micro-sec			
Source compatibility (HxV)	2500 x 1340		2500 x 1340	
Resolution (HxV)	2000 x 1280		2000 x 1280	
Video resolution	1440 TVL at 4:3 aspect ratio			
Colour	SMPTE 240M			
Convergence	Digital with 30 memories/channels			
Light modulator	3 Proprietary Image Light Amplifiers (100% solid state liquid crystal light valve)			
Power	220 VAC, 20 A, 50/60 Hz 2700 W, 9208 BTUs	220 VAC, 20 A, 50/60 Hz 3325 W, 11,338 BTUs	220 VAC, 30 A, 50/60 Hz 4550 W, 15,525 BTUs	
Light source	1500 W Xenon Arc Lamp	2000 W Xenon Arc Lamp	3000 W Xenon Arc Lamp	
Lamp life (typical)	1800 hours until 85% brightness	2500 hours until 85% brightness	1000 hours until 85% brightness	
Lens options	Fixed: 0.885:1, 2.177:1, 1.5:1, 3:1, 5:1, 7:1, 10:1			
Throw distance		6' - 360' (1.8 m - 110 m)		
Screen size (width)	4' - 118' (1.2 m - 36 m) Optical Capability			
Keystone	±2° (H), ±15° (V) Standard ±15° (H), ±30° (V) with Extended Range Option			
Inputs	2 RGBHV, Decoder Optional			
Communications ports	1 RS-232 port for PC or remote, 1 RS-232 for swither control			
Size (HxWxL)	52.3cm x 69.9cm x 135.6cm (20.6" x 27.5" 53.4")		52.3cm x 85.1cm x 135.6cm (20.6" x 33.5" 53.4")	
Weight	163 kg (360 lbs)		168 kg (369 lbs)	
Operation temperature	10°C - 40°C (50°F - 104°F)			
Included accessories	User's Guide, 1 Projection Lens Set (1.5:1, 3:1, or 5:1), Technicians IR Remote and Cable, Data Setup Restoration Disk, AC Power Cord			
Optional accessories	Auto Setup Tool, Extended Geometry, Board Set, High Speed Option (Fast CRTs/Fast ILAs), Colour Matching, Service Backlit IR Remote, Executive Backlit Remote, 150' Cable for Remotes, Tethered Termaflex Service Remote, Service Manual, plus Lenses (options above), shipping case.			

Brightness and contrast measured at 1024 x 768, 90Hz, 5600K°



Electronic Cinema/Computer Graphics

ILA-12K 12,000 lumens

102

12,000 lumens of light output on screens up to 118 feet wide plus vivid colours, sharp contrast and crisp resolution.

The 12K is a brilliant solution for the toughest HDTV, video, graphics or telecined film presentation display challenges including cinema screening rooms, broadcast studios, outdoor advertising, stadiums, arenas, theme parks, concerts and special events of every kind. It enables effects impossible with lesser projectors.

Industry Leading Performance

You need a truly "great image" to match the phenomenal quality of film. Only the JVC ILA-12K delivers all five elements of a great picture simultaneously.

- Brightness. The 12K's unprecedented 12,000 lumens deliver truly brilliant, spectacular images, even in the most harshly lit environments, without sacrificing the other elements of a great picture.
- Resolution. The 12K displays even the highest resolution graphics and video without down-converting or annoying pixelization, so your audience sees every nuance the original artist intended.
- Colour. The 12K's theatrical-grade Xenon Arc Lamp and Precision Optics provide exact control over hue and saturation for a superb range of consistently rich, true colours.
- Contrast. High contrast levels reveal fine detail, especially in darker areas of the image, to give the appearance of higher resolution. With a 1000:1 contrast ratio, the 12K's images are always crisp and well defined.
- Bandwidth. The 12K's unprecedented high 150 MHz bandwidth lets you see the complete, sharp picture bursting with detail. Low bandwidth causes "fuzzy" pictures which appear to have poor resolution, colour or focus.

Proprietary ILA® Technology

Liquid crystal light valve, coupled to the CRT with a highly refined optics system, delivers lifelike images with an unparalleled combination of brightness, colour, contrast, bandwidth and resolution. Performs far beyond limitations of conventional LCD, CRT and DMD* projectors.

High-Resolution, Non-Pixelized Display

The 12K displays images all world standards of video and HDTV, as well as computer signals from data to the highest resolution workstation graphics

- images up to 2000x1280 without down-converting, while graphics enhancement circuitry ensures superb text and graphics reproduction.
- Video is smooth, clean and fluid up to 1440 TV lines of resolution.
- Ultra Digital Processor/Decoder enhances both video and computer presentations, combining a line doubler/line quadrupler, frame doubler and quad standard decoder.
- D1/D5 digital serial interface for the input of direct digital signals at a 10 bit sampling rate
- 10 bit digital gamma circuit for faithful colour reproduction.

Lenses

A huge range of lens sets, from wide angle 0.885:1 to ultra-long throw 10:1 focal lengths, gives you the flexibility to position the projector wherever you want...even up to 360 feet from the screen! Custom Lenses are also available for a wide range of applications.



Cinema Quality Xenon Arc Lamp

The 12K's 7000 Watt Xenon Arc Lamp produces pure white illumination to ensure colour accuracy and saturation as well as a phenomenal 12,000 lumens of light output. The same proven, reliable light source used in motion picture projectors,

- Xenon lamps maintain stable colour temperature in both high and low intensity scenes over the life of the lamp.
- Capability to recover up to 90% of the light lost to lamp decay by means of a simple mechanical adjustment.
- The 12K's patented gimble-mounted lamp module maintains the lamp's ideal vertical orientation throughout the projector's entire ±15 degree tilt range.
- Supercooling of the reflector lowers the arc lamp temperature. Both features help provide even illumination, reduce lamp flicker and contribute to the lamp's long life and lower operating costs.

Cinema Quality Power Supply

The 12K's arc lamp linear power supply is the same proven, reliable unit installed in thousands of motion picture theatres throughout the world. Its isolation from other projector components reduces signal noise and helps ensure a clean, stable picture on the screen.

Cinema Quality Cooling and Filtration Systems
Its thermostatically controlled air cooling system maintains a
constant temperature despite variations in room temperature.
Separate air handling for the power supply and arc lamp module
enhances stability in both areas, preventing hot spots and
flicker.

■ The 12K's High Efficiency Purified Air filter system is the same technology routinely used in clean-rooms. Its 0.3 micron HEPA filter system blows air across the ILAs, prisms and CRTs to maintain temperature and minimise dust particles on these critical optical components.



Electronic Cinema/Computer Graphics

ILA-12K 12,000 lumens

Easy Setup, Operation and Maintenance

The 12K features a modular design, with field-replaceable circuit boards for ease of service.

- The Arc Lamp is also user-replaceable, with a precisionengineered bayonet socket for easier, faster lamp changes without removing the lamp module from the projector.
- The separate lamp and projector modules are easily detached for shipping and storage.
- Easy entry panels with 1/4 turn fasteners provide quick access to the lamp, power supply, optics and electronics assembly.
- Built-in equipment racks and storage drawers
- All functions, including digital convergence, brightness, colour, contrast, switching, diagnostics and operation can be performed with convenient multi-function remote control.
- Preset at the factory for the most common source signals .
- Programmable settings for dozens of additional sources and screen sizes and store them in projector memory for the next setup.

Combined with JVC's EZ Setup Software it has an ultrafast warmup time of only 15 minutes.

Special Applications

The 12K excels at a number of specialised applications impossible with fixed matrix displays. Its ability to reshape the raster makes it an outstanding choice for curved screen applications like simulators, planetariums and domed theatres. Edge Blending capabilities allow seamless panoramas, even a full 360 degree theatre in the round. Colour Matched optics are an ideal option for applications requiring multiple side-by-side projectors. The 12K may be either ceiling or floor mounted, front or rear projection.

- A tilt adjustment allows the entire projector to be angled ±15 degrees towards the screen. Optional Extended Keystone range provides geometric correction for mounting up to 30 degrees off-axis.
- The 12K's Electronic Cinema Option features fast response ILAs and fast retrace CRTs. This option is especially critical when displaying images with fast motion sequences.

Brightness	Line-doubled Video (31.5 kHz/60 Hz): 12,000 Centre Full White Lumens/8,400 ANSI Lumens Graphics (1024x768/90 Hz): 15,000 Centre Full White Lumens/11,000 ANSI Lumens Frame-doubled Video (64 kHz, 120 Hz): 17,000 Centre Full White Lumens/12,000 ANSI Lumens		
Super contrast	Greater than 1000:1		
RGB bandwidth	150 MHz at -3dB		
Horizontal frequency	15 - 90 Hz		
Vertical frequency	45 - 120 Hz		
Aspect ratio	1:1 to 2.35:1 (variable), including 5:4, 4:3, and 16:9		
Blanking	H: <2.3 μsec, V: <500 μsec		
Source compatibility (HxV)	2500 x 1340		
Resolution (HxV)	2000 x 1280		
Video resolution	1080 TVL at 16:9 aspect ratio, 1440 TVL at 4:3 aspect ratio		
Colour	SMPTE 240M		
Convergence	Digital with 30 memories/channels		
Light modulator	3 Proprietary Image Light Amplifiers (100% solid state liquid crystal light valve)		
Power	208 VAC, 60A, 3ø, five wire, 60Hz 12,000 W, 41,000 BTUs		
Light source	7000 W Xenon Arc Lamp		
Lamp life (typical)	500 hours at 90% brightness		
Lens options	Fixed: 0.885:1, 1.5:1, 2.177:1, 3:1, 5:1, 7:1, 10:1		
Throw distance	6'-360' (1.8 m - 110 m)		
Screen size (width)	4'-118' (1.2 m - 36 m) Optical Capability		
Keystone	$\pm 2^{\circ}$ (H), $\pm 15^{\circ}$ (V) Standard $\pm 15^{\circ}$ (H), $\pm 30^{\circ}$ (V) with Extended Range Option		
Inputs	RGBHV, Digital Serial 4:2:2, RGB Analog, Composite Video, Y/C, Component. All inputs NTSC, PAL and SECAM		
Communications ports	2 RS-232 ports (1 for PC or remote, 1 for switcher control)		
Size (H x W x L)	183.7cm x 142.2 cm x 147.3 cm (72.5" x 56" x 58")		
Weight	759 kg (1670 lbs) Main cabinet 671 kg (1476 lbs), Lamp Module 88 kg (194 lbs)		
Operating temperature	10°C - 40°C (32°F - 104°F) Optimum: 20°C - 30°C (68°F - 86°F)		
Accessories included	User's Guide/Service Manual, 1 Projection Lens Set (1.5:1, 3:1, or 5:1), Tethered Termaflex Service Remote, Data Setup Restoration Disk		
Optional accessories	Auto Setup Tool, Extended Geometry Board Set, Electronic Cinema Option (Fast CRTs, Fast ILAs Colour Matching, Projection Lenses (options above)		

^{*} DMD is a registered trademark of Texas Instruments



ILA Projectors

Lenses/Accessories

104



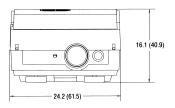


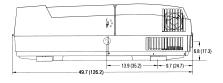


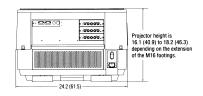
Interface options

Remote controls

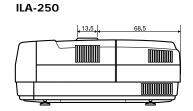
Series 200



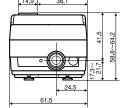




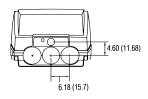
31.9 (81) 92 (23.3) 12.8 (32.5) 12.8 (32.5) 12.8 (32.5) 12.8 (32.5) 12.8 (32.5) 12.8 (32.5)

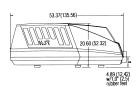


ILA-250

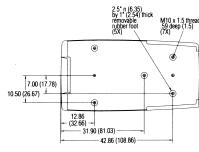


Series 30 and 40









Series 60 and 70

