DLA-M15U
30 - 55% shiftable axis, 1.5:1 (throw: screen-width)

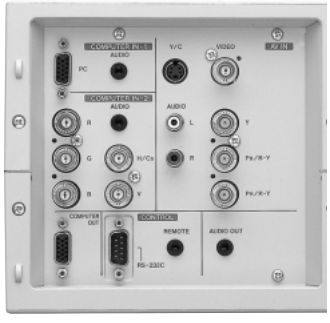
DLA-G15U, DLA-G11U, DLA-G10U
50% offset axis, 2~ 3:1 telephoto zoom

DLA-C15U, DLA-S10U
0% offset axis, 1:1 fixed wide angle

- **The Direct Drive Image Light Amplifier is the original reflective liquid crystal light valve device developed by JVC. The driving IC writes the image directly on the CMOS based light valve. Liquid crystals change the reflectivity in proportion to the signal level. These vertically aligned (homeotropic) crystals achieve very fast response times with a rise plus fall time less than 16 milliseconds. Light from the xenon arc lamp travels through a polarized beam splitter, reflects off the D-ILA device, and is projected onto the screen.**
- **D-ILA project superior resolution and high brightness images ideal for applications like boardrooms, conference rooms, schools, trade shows and home theaters.**
- **The D-ILA is light projector (35 pounds) delivering True SXGA images at full 1280x1024 resolution in 5:4, or correctly scaled and seamless640x980, 800x600 and 1024x768 images in 4:3 ratio at 1365x1024.**
- **Adaptive DPC (Digital Pixel Conversion) assures smooth, clear images no mater what input signal resolution, ranging from VGA to beyond SXGA**
- **Variable scanning frequencies accommodate high bandwidth signal sources from 15-82 kHz horizontal and 50-78 Hz vertical.**
- **HDTV Video signals accepted of 1080I and 720p, SDTV signals of 480p, 480I, NTSC and PAL at resolutions up to 1000 TV lines**
- **Xenon arc lamps assure brightness of up to 1500 ANSI lumens with highly accurate colors**
- **Contrast ratio is greater than 350: 1 (DLA-G10 greater than 250:1)**
- **10 bit digital gamma correction gives accurate gray scale reproduction, and is essential for full spectrum color rendition**
- **Projectors are ready for use within 2 minutes of power on.**
- **Single lens construction eliminates registration adjustment.**
- **Power focus, power zoom (specific models) and full remote control make D-ILA projectors extremely easy to "plug and play"**
- **Lamp is user replaceable**
- **Inputs range from separate RGBHV and Dsub15 pin computer interfaces to separate Y/C, Composite and Component video.**
- **RS-232C serial control and remote control unit included**

DLA-G10/G11/G15/S10 type (models differ slightly)

DLA-M15/C15 type (models differ slightly)



Variable 30% to 55% off axis stackable model
DLA-M15U

Intended for stacking and flexible installation this model has a medium wide angle 1.5:1 throw distance to screen width ratio with variable offset from 30% to 55% screen height off the screen's center axis. This means a 20% screen height projector movement range for keystone adjustment. Fine zoom adjustment aids final setting. Brightness is 1500 ANSI lumens.

50% off axis models

DLA-G15U High brightness 1500 ANSI lumens / 350:1 contrast ratio
DLA-G11U 1000 ANSI lumens / 350:1 contrast ratio
DLA-G10U The original D-ILA, 1000 ANSI lumens

These models have a telephoto zoom of 2:1 to 3:1 zoom (throw distance: screen width ratio). Designed for simplicity and multi-use including portable applications, these models have a fixed offset of 50% screen height from the screen's center axis. The projectors are free from keystone adjustment, since they are preset for use with the bottom or top of the screen are even with the projector set in a flat and level position.

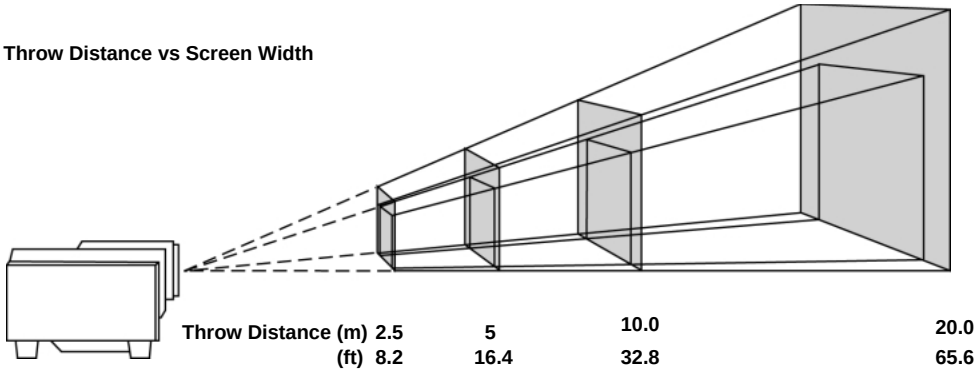
0% off axis models

DLA-C15U High brightness, 1500 ANSI lumens / 350:1 contrast ratio
DLA-S10U The original D-ILA, 1000 ANSI lumens

These models have a 1:1 wide angle throw distance to screen width angle. Designed for "Retrobox", rear projection and special fixed installations, these models are free from keystone adjustment and are preset for use with the projector lined up with the center axis of the screen.

DLA-G15U/DLA-G11U/DLA-G10U

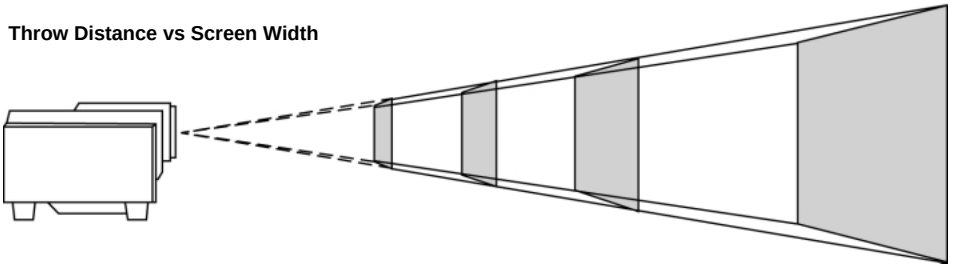
Throw Distance vs Screen Width



Throw Distance		(m)	2.5	5	10.0	20.0
		(ft)	8.2	16.4	32.8	65.6
Screen Width	Tele	(m)	0.9	1.7	3.5	7.0
		(ft)	2.8	5.7	11.5	23.1
	Wide	(m)	1.3	2.6	5.3	10.7
		(ft)	4.2	8.6	17.3	35.1

DLA-C15U/DLA-S10U

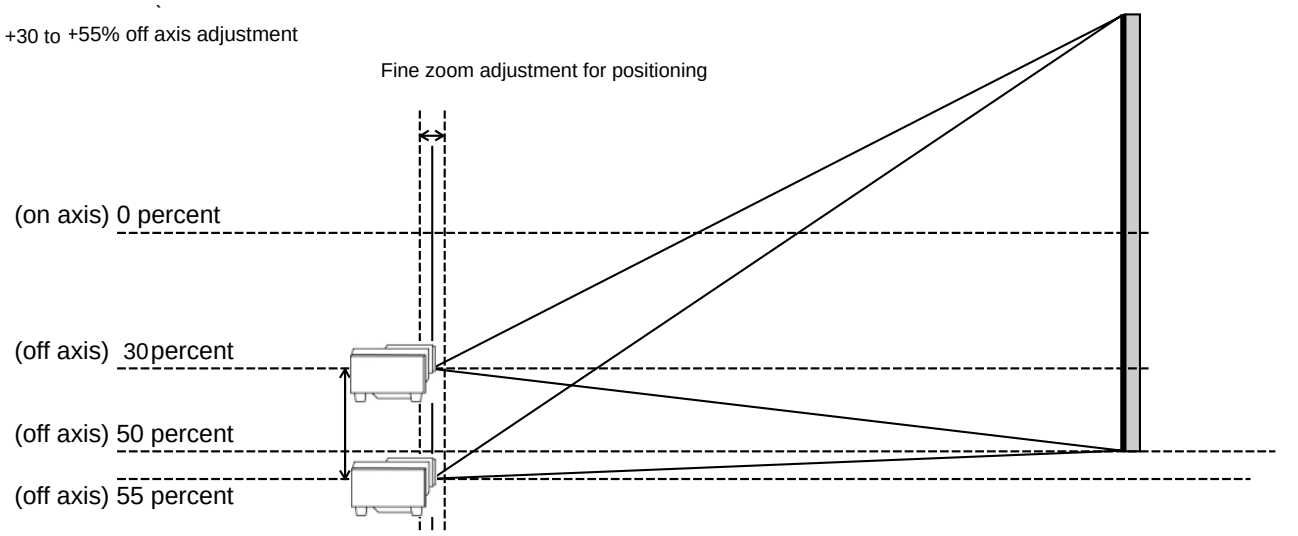
Throw Distance vs Screen Width



Throw Distance	(m)	0.78	2.5	5.0	10.0
	(ft)	2.6	8.2	16.4	32.8
Screen Width	(m)	0.78	2.5	5.0	10.0
	(ft)	2.6	8.2	16.4	32.8

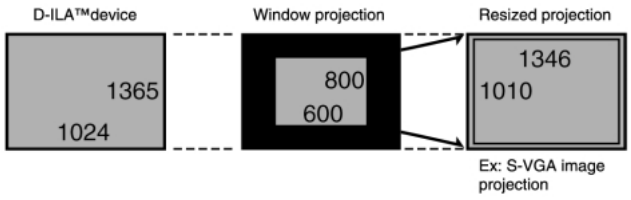
DLA-M15U Off axis shift

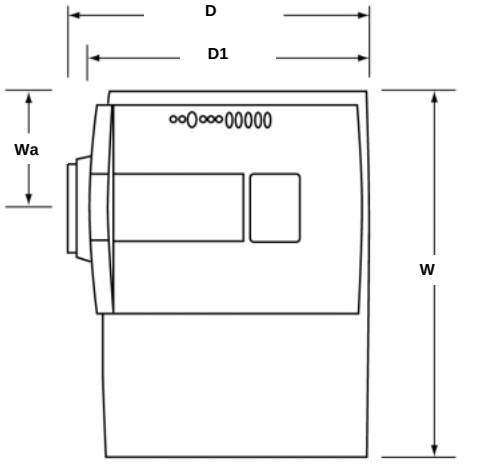
(1.5:1 throw distance vs screen width)



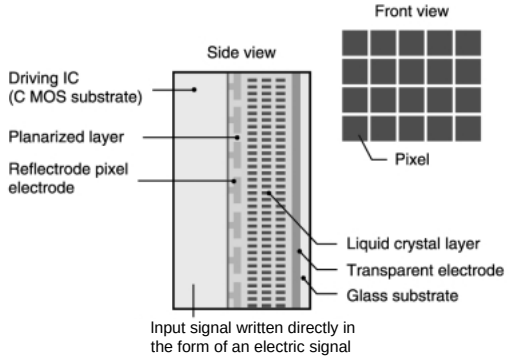
D-ILA Video/Data/Graphics Projectors

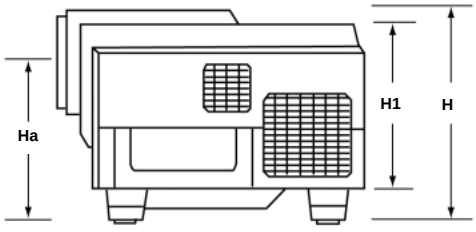
Window or resizing projection



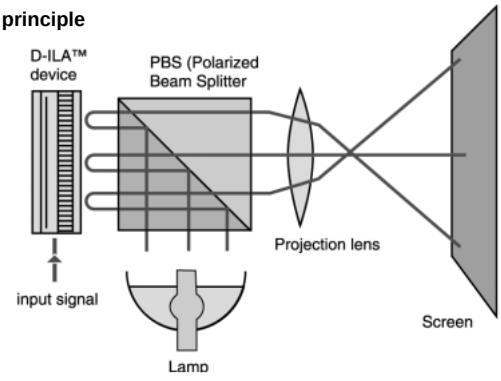


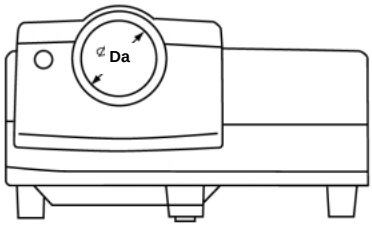
Device structure





Operation principle





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Dimensions (mm/inches)

	W	H	D	H1	D1	Wa	Ha	Da
DLA-G15	425 (16-3/4)	246 (9-3/8)	375 (14-7/8)	193 (7-5/8)	339 (13-3/8)	133 (5-1/4)	187 (7-3/8)	104 (4-1/8)
DLA-G11	425 (16-3/4)	246 (9-3/8)	375 (14-7/8)	193 (7-5/8)	339 (13-3/8)	133 (5-1/4)	187 (7-3/8)	103 (4-1/20)
DLA-G10	425 (16-3/4)	246 (9-3/8)	375 (14-7/8)	193 (7-5/8)	339 (13-3/8)	133 (5-1/4)	187 (7-3/8)	103 (4-1/20)
DLA-C15	425 (16-3/4)	246 (9-3/8)	452 (17-3/4)	193 (7-5/8)	339 (13-3/8)	133 (5-1/4)	187 (7-3/8)	130 (5-1/2)
DLA-S10	425 (16-3/4)	246 (9-3/8)	416 (16-3/8)	193 (7-5/8)	339 (13-3/8)	133 (5-1/4)	187 (7-3/8)	103 (4-1/20)
DLA-M15	425 (16-3/4)	253 (10)	421 (16-5/8)	193 (7-5/8)	339 (13-3/8)	133 (5-1/4)	187 (7-3/8)	107 (4-1/4)

D-ILA Video/Data/Graphics Projectors

Model	DLA-G10U	DLA-G11U	DLA-G15U	DLA-M15U	DLA-S10U	DLA-C15U
Key Features	True SXGA 2-3:1 zoom lens	True SXGA 2-3:1 zoom lens 350:1 contrast	True SXGA 2-3:1 zoom lens 1500 lumens	True SXGA 1.5:1 fixed lens with shift 1500 lumens	True SXGA 1:1 fixes lens	True SXGA 1:1 fixes lens 1500 lumens
Key Application	Workstation user Presentation Education Entertainment	←	←	Rear projection CRT projector replacement Twin stacking Workstation user Presentation Education Entertainment	Rear projection "Retrobox" engine Workstation user Presentation Education Entertainment	←
Image Device	Three 0.9" D-ILA 1.4 million pixel panels 16.7 million colors (256 levels R,G,B)		← ←	← ←	← ←	← ← ← ←
Full Resolution	True SXGA 1,280 x 1,024 (5:4) 1365 x 1024 (4:3)		← ←	← ←	← ←	← ← ← ←
Video Resolution	1000 TV lines		←	←	←	← ←
H. Scan Frequency V. Scan Frequency	15 - 82 kHz 50 - 78 kHz		← ←	← ←	← ←	← ← ← ←
Image Input Signals	RGB HV (BNC, D-sub 15-pin), NTSC, PAL, Composite, Component (BNC), Y/C 4-pin				←	← ←
Image Output	D-sub 15-pin Computer		←	←	←	← ←
Audio Input	Stereo RCA x 2, Minijack x 1		←	←	←	← ←
Audio Output	Minijack x 1		←	←	←	← ←
Speaker	1 W + 1 W stereo		←	←	←	← ←
Remote Control	Infrared remote, Wired (Minijack), RS-232C (9-pin)			←	←	← ←
ANSI Brightness	1000 lumens	1000 lumens	1500 lumens	1500 lumens	1000 lumens	1500 lumens
Contrast Ratio	>250:1	>350:1	>350:1	>350:1	>250:1	>350:1
Projection Lens	2-3:1 (throw distance: screen width) powered zoom 50% fixed off-set power focus	← ← ←	← ← ←	1.5:1 (throw distance: screen width) with small powered zoom adjustment 30-55% manual shift power focus	1:1 (throw distance: screen width) fixed lens without offset power focus	← ← ←
Lamp	400 W xenon	420 W xenon short gap	← ←	← ←	400 W xenon	420 W xenon short gap
Power Consumption	630 W	←	660 W	←	630 W	660 W
Input Power	100 - 120 V AC, 200 - 240 V AC		←	←	←	←
Dimensions (excluding lens)	43 (W) x 25 (H) x 34 (D) cm (16-15/16" x 9-7/8" x 13-7/16")	←	←	←	←	←
Weight	14.8 kg (32.6 lbs.)	←	←	15.4 kg (33.6 lbs.)	14.9 kg (32.9 lbs.)	16 kg (35.0 lbs.)
Provided Accessories	AC cable, wireless remote control, PC connection cable (D-sub 15-pin male to D-sub 15-pin male), adapter for Macintosh, AV cable, BNC-RCA adapter, audio cable, lens cap, operation manual, battery for remote control unit x 2.					