

# JVC

# DLA-SH7NLG

Visualization Series Projector

*5000  
ANSI Lumens*

*10 Mega-Pixel  
Display*

*4096x2400  
Native Resolution*

*Native Contrast  
>10,000:1*



## ● **Features**

- 4096x2400 Pixels, 11% more Vertical Resolution & Pixels than other 4K devices
- 3 Active Matrix D-ILA Devices (1.27" Diag)
- Light Output: 5000 ANSI Lumens (2-lamps)
- Contrast Ratio - 10,000:1 (typical)
- Dual 330W UHP Lamps, Single or Dual Lamp Operation
- RGB Convergence in 1/10 pixel increments
- Input via 4xDVI-D, Single/Dual Link
- Communication - 100BaseT Ethernet, RS-232C, USB
- Noise Level 50dB (A) at 39.4"/1m (3.3ft) (0-26°C, 32-79°F)
- Net Weight (less lens): 50.0kg/110lbs

## ● **Applications**

- Simulation and 3D Display
- Immersive Displays (such as CAVE)
- Planetariums
- Theme Parks
- Staging/Rental
- Ultra-high Resolution Command/Control
- Ultra-high Resolution Medical Imaging
- Advanced Visualization

# Specifications

Image Device	3 D-ILA® devices (1.27 inches diagonal) 6.8um Pixel Pitch 0.25um Pixel Gap >93% Aperture Ratio		
Brightness	5000 ANSI Lumens (2500 Lumens, Single Lamp)		
Resolution	4096 x 2400 Pixels (17:10 Aspect Ratio )		
Contrast Ratio	10,000:1 (Sequential)		
Uniformity	Greater than 80%		
DVI Input - Supported Resolutions	4096x2400, 4096x2160, 3840x2400, 3840x2160, 2048x1200, 2400x1080, 1920x1080, 1920x1200, 1600x1200, 1280x1024, 1024x768, 800x600, 640x480		
DVI Clock	165MHz (single link), 330MHZ (dual link)		
Latency	10ms in 4-stripe mode		
Color Bit Depth	8 bits maximum single link DVI 12 bits maximum dual link DVI		
I/O Terminals	DVI-D (dual link) x 4 w/HDCP Support, Ethernet, RJ45 x 1 USB, Type B (slave) x 1, RS-232C, D-Sub 9 pin (male) x 1		
Remote Control	Integrated Web Browser Interface, RS-232C Fully featured control protocol		
Projection Lens (optional)	GLMS4011S GLMS4015SZG GLMS4021SZG	1.1:1 Fixed lens, ±15% V offset and ± 5% H offset 1.5-1.85:1 Zoom lens, ±50% V and ±25% H offset 2.0-4.0:1 Zoom lens, ±50% V and ±25% H offset	
Lamp (user replaceable)	2 ea. 330W, UHP, Dual or Single Lamp Operation 2-Step Power Control (80%-100%) Lamp Model - PK-L3310U		
Lamp Life	Average 2000hrs at 100%, 3000hrs at 80% output		
Power Requirement	AC 100V-120V, 200V-240V, 50/60Hz (single phase)		
Power Consumption	1100 Watts Maximum (2.7W Standby) Max 10.0A, AC 110V-120V, 5.5A, AC 200V-240V		
Noise Level (0-26°C, 32-79°F)	50dB (A) at 39.4"/1m (3.3ft)		
Operating Altitude	<2000 meters for safe operation <1500 meters for guaranteed performance		
Installation Orientation	Vertical ±90 degrees, Horizontal ±5 degrees		
Airflow Requirements	3 m³ per minute minimum		
Dimensions ( W x H x D )	26.1" x 14.25" x 31.25" (663 x 362 x 783 mm)		
Weight	112lbs, Without Lens		
Supplied Accessories	English Instruction Manual Power Cord		
Approvals	Safety	North America Europe	CSA C22.2 No.60950-1-03, UL60950-1, IEC60950-1
	EMI	North America Europe Japan Australia	FCC part 15 Class B (US), ICES-003 Issue 4, 2004(CAN), EN55103-1, EN55103-2 E4 VCCI Class A (JP) AS/NZS CISPR22 2006 Class A
	Environmental	Common North America Europe	RoHS Proposition 65 (US) WEEE Battery directive
Warranty	One-year Parts and Labor (per JVC Limited Warranty)		

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Rev 6.7.17

