



LU9800

Digital Projector

- 10000AL Laser Light Source
- 8 Optional Motorized Lenses
- Constant Brightness
- Fast mode < 16.67 ms Low latency
- WBA Calibration in the Factory for Seamless Blending
- 4K UHD Input Compatible with HDMI 2.0
- 5 Years Warranty

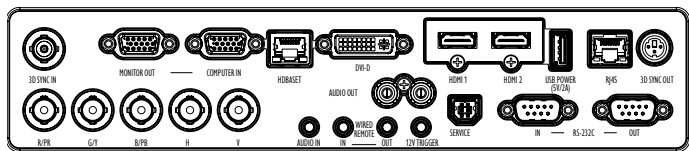


Projection System	DLP
Native Resolution	WUXGA (1920 x 1200)
Brightness	10000 lmns
Contrast Ratio	3,000,000:1*
Display Color	1.07 Billion Colors
Compatible Lens (Lens not included)	LSIST4 Ultra Short Throw (5JJCY37.001), LSIST3A Short throw (5JJPN37.001), LSIST2A Wide Zoom 2 (5JJPN37.002), LSIST1A Wide Zoom 1 (5JJPN37.003), ESISDA Standard (5JJPN37.004), LSILT1 Semi long 1 (5JJAM37.051), LSILT2 Long zoom 1 (5JJAM37.031), LSILT3 Long Zoom2 (5JJAM37.041)
Aspect Ratio	Native 16:10 {5:4/4:3/16:10/16:9/1.88/2.35/Theaterscope/Source(Auto)/Unscaled(Real) selectable}
Throw Ratio	LSIST4 Ultra Short Throw (5JJCY37.001) - 0.38, LSIST3A Short throw (5JJPN37.001) - 0.77-1.1, LSIST2A Wide Zoom 2 (5JJPN37.002) - 1.1-1.3, LSIST1A Wide Zoom 1 (5JJPN37.003) - 1.25-1.6, LSISDA Standard (5JJPN37.004) - 1.54-1.93, LSILT1 Semi long 1 (5JJAM37.051) - 2.22-3.67, LSILT2 Long zoom 1 (5JJAM37.031) - 3.58-5.38, LSILT3 Long Zoom2 (5JJAM37.041) - 5.31~8.26
Image Size (Diagonal)	80"~500" (Standard lens)
Zoom Ratio(Powered)	LSIST4 Ultra Short Throw (5JJCY37.001) - Fixed, LSIST3A Short throw (5JJPN37.001) - 1.42x, LSIST2A Wide Zoom 2 (5JJPN37.002) - 1.18x, LSIST1A Wide Zoom 1 (5JJPN37.003) - 1.28x, LSISDA Standard (5JJPN37.004) - 1.25x, SILT1 Semi long 1 (5JJAM37.051) - 1.65x, LSILT2 Long zoom 1 (5JJAM37.031) - 1.5x, LSILT3 Long Zoom2 (5JJAM37.041) - 1.55x
Lens Shift (Powered)	LSIST4 Ultra Short Throw (5JJCY37.001) -3% ~ +7% Vertical; -5% ~ +5% Horizontal (Central lens at 56.5%), LSIST3A Short throw (5JJPN37.001) -15 ~ +55% Vertical; -5% ~ +5% Horizontal, LSIST2A Wide Zoom 2 (5JJPN37.002) -15 ~ +55% Vertical; -5% ~ +5% Horizontal, LSIST1A Wide Zoom 1 (5JJPN37.003) -15 ~ +55% Vertical; -5% ~ +5% Horizontal, LSISDA Standard (5JJPN37.004) -15 ~ +55% Vertical; -5% ~ +5% Horizontal, LSILT1 Semi long 1 (5JJAM37.051) 0 ~ +50% Vertical; -10% ~ +10% Horizontal, LSILT2 Long zoom 1 (5JJAM37.031) 0 ~ +50% Vertical; -10% ~ +10% Horizontal, LSILT3 Long Zoom2 (5JJAM37.041) 0 ~ +50% Vertical; -10% ~ +10% Horizontal,
Lightsource Type	Laser
Lightsource Life (Normal/Eco)	20000/45000 Hours**
Keystone Adjustment	2D, Vertical & Horizontal ± 30 degrees
Resolution Support	VGA(640 x 480) to WUXGA(1920 x 1200)
Horizontal Frequency	15k~135Hz
Vertical Scan Rate	23~120Hz
Compatibility	HDTV Compatibility (720@50P/60P,1080@50i/60i/24p/25p/30p/50p/60p/120p, 216024p/25p/30p/50p/60p)
Interface	Computer in 1 (D-sub 15pin) x 1, Computer in 2 (5BNC, R/G/B/H/V) x 1, Monitor out (D-sub 15pin) x 1, HDMI (2.0)(HDCP 2.2) x 2 (Compatible with HDCP), DVI-D in x 1 (Compatible with HDCP), LAN (RJ45) x 1 (LAN Control), RS232 in x 1, HDBaseT x 1, RS232 out x 1, Trigger x 1, 3D sync in x 1, 3D Sync out x 1, Wired Remote in & out x 1, USB-B (service) x 1, USB-A(5V/2A) x 1, Audio in x 1, IR Receiver x 2 (Front+Rear)
Dimensions	Dimensions(W x H x D) 500 x 211 X 587.3 mm, Weight 26.8KG (Lens excluded)
Power	Power Supply - AC 100-130V, 50 to 60Hz, AC 200-240V, 50 to 60Hz. Power Consumption - 893W (typical): Standby Power 0.5W
Audible Noise	42/38 .x dB
On-Screen Display Languages	English / French / German / Italian / Japanese / Korean / Portuguese / Russian / Simplified Chinese / Spanish / Swedish / Traditional Chinese (12 Languages)
Picture Modes	Bright / Presentation/sRGB /Infographic/Video/DICOM SIM/User 1/User 2/3D/HDR10/HLG

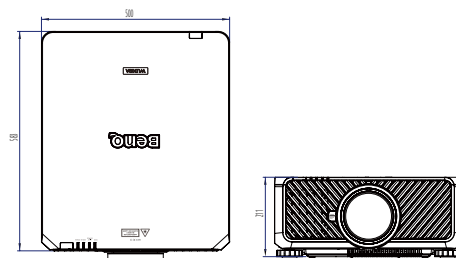
* Dynamic Black On, FOFO condition

** Light source life results will vary depending on environmental conditions and usage.
Actual product's features and specifications are subject to change without notice.

INPUT/OUTPUT TERMINALS



DIMENSIONS



DISTANCE CHART

Lens Throw ratio										Wide Zoom 2 (LS2ST2A) 1.1~1.3				Standard (LS1SDA) 1.54~1.93				Short Throw (LS1ST3A) 0.77~1.1				Semi Throw (LS2ST4) 1.25~1.6			
Diagonal		Image Width		Image Height		Offset (A)		O		Distance				Distance				Distance				Distance			
						Wide/Tele		Wide/Tele		Wide		Tele		Wide		Tele		Wide		Tele		Wide		Tele	
(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)
50	1.27	42	1.08	26	0.67	1.3	0.034	14.6	0.370	47	1.18	55	1.4	65	1.66	82	2.08	33	0.83	47	1.18	53	1.35	68	1.72
60	1.52	51	1.29	32	0.81	1.6	0.04	17.5	0.444	56	1.42	66	1.68	78	1.99	98	2.49	39	1	56	1.42	64	1.62	81	2.07
80	2.03	68	1.72	42	1.08	2.1	0.054	23.3	0.592	75	1.9	88	2.24	104	2.65	131	3.33	52	1.33	75	1.9	85	2.15	109	2.76
100	2.54	85	2.15	53	1.35	2.6	0.067	29.1	0.740	93	2.37	110	2.8	131	3.32	164	4.16	65	1.66	93	2.37	106	2.69	136	3.45
120	3.05	102	2.58	64	1.62	3.2	0.081	35.0	0.888	112	2.84	132	3.36	157	3.98	196	4.99	78	1.99	112	2.84	127	3.23	163	4.14
150	3.81	127	3.23	79	2.02	4.0	0.101	43.7	1.111	140	3.55	165	4.2	196	4.98	245	6.24	98	2.49	140	3.55	159	4.04	204	5.17
180	4.57	153	3.88	95	2.42	4.8	0.121	52.5	1.333	168	4.26	198	5.04	235	5.97	295	7.48	118	2.99	168	4.26	191	4.85	244	6.2
200	5.08	170	4.31	106	2.69	5.3	0.135	58.3	1.481	187	4.74	220	5.6	261	6.63	327	8.31	131	3.32	187	4.74	212	5.38	271	6.89
250	6.35	212	5.38	132	3.37	6.6	0.168	72.9	1.851	233	5.92	276	7	326	8.29	409	10.39	163	4.15	233	5.92	265	6.73	339	8.62
300	7.62	254	6.46	159	4.04	7.9	0.202	87.4	2.221	280	7.11	331	8.4	392	9.95	491	12.47	196	4.98	280	7.11	318	8.08	407	10.34
350	8.89	297	7.54	185	4.71	9.3	0.236	102.0	2.591	326	8.29	386	9.8	457	11.61	573	14.55	229	5.8	326	8.29	371	9.42	475	12.06
400	10.16	339	8.62	212	5.38	10.6	0.269	116.6	2.962	373	9.48	441	11.2	522	13.27	655	16.63	261	6.63	373	9.48	424	10.77	543	13.79
500	12.70	424	10.77	265	6.73	13.2	0.337	145.7	3.702	466	11.85	551	14	653	16.59	818	20.79	326	8.29	466	11.85	530	13.46	678	17.23

Lens Throw ratio										Semi Long 2 (LS1LT1) 2.22~3.67				Long Zoom 1 (LS1LT2) 3.58~5.38				Long Zoom 2 (LS1LT3) 5.31~8.26			
Diagonal		Image Width		Image Height		Offset (A)		O		Distance				Distance				Distance			
						Wide/Tele		Wide/Tele		Wide		Tele		Wide		Tele		Wide		Tele	
(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)
50	1.27	42	1.08	26	0.67	0	0	13.2	0.337	94	2.39	156	3.95	152	3.86	228	5.79	225	5.72	350	8.90
60	1.52	51	1.29	32	0.81	0	0	15.9	0.404	113	2.87	187	4.74	182	4.63	274	6.95	270	6.86	420	10.67
80	2.03	68	1.72	42	1.08	0	0	21.2	0.538	151	3.83	249	6.32	243	6.17	365	9.27	360	9.15	560	14.23
100	2.54	85	2.15	53	1.35	0	0	26.5	0.673	188	4.78	311	7.9	304	7.71	456	11.59	450	11.44	700	17.79
120	3.05	102	2.58	64	1.62	0	0	31.8	0.808	226	5.74	373	9.49	364	9.25	547	13.91	540	13.72	841	21.35
150	3.81	127	3.23	79	2.02	0	0	39.7	1.010	282	7.17	467	11.86	455	11.57	684	17.38	675	17.16	1051	26.69
180	4.57	153	3.88	95	2.42	0	0	47.7	1.212	339	8.61	560	14.23	546	13.88	821	20.86	811	20.59	1261	32.02
200	5.08	170	4.31	106	2.69	0	0	53.0	1.346	377	9.56	622	15.81	607	15.42	912	23.18	901	22.87	1401	35.58
250	6.35	212	5.38	132	3.37	0	0	66.2	1.683	471	11.95	778	19.76	759	19.28	1141	28.97	1126	28.59	1751	44.48
300	7.62	254	6.46	159	4.04	0	0	79.5	2.019	565	14.35	934	23.71	911	23.13	1369	34.76	1351	34.31	2101	53.37
350	8.89	297	7.54	185	4.71	0	0	92.7	2.356	659	16.74	1089	27.67	1063	26.99	1597	40.56	1576	40.03	2452	62.27
400	10.16	339	8.62	212	5.38	0	0	106.0	2.692	753	19.13	1245	31.62	1214	30.84	1825	46.35	1801	45.75	2802	71.17
500	12.70	424	10.77	265	6.73	0	0	132.5	3.365	941	23.91	1556	39.52	1518	38.56	2281	57.94	2251	57.19	3502	88.96

Lens Throw ratio										Ultra Short Throw (LS1ST4) 0.377	
Diagonal		Image Width		Image Height		Offset (A)		O		Distance	
						Wide/Tele		Wide/Tele		Wide	
(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)
50	1.27	42	1.08	26	0.67	12.1	0.306	25.3	0.643	16	0.41
60	1.52	51	1.29	32	0.81	14.5	0.368	30.4	0.771	19	0.49
80	2.03	68	1.72	42	1.08	19.3	0.490	40.5	1.028	26	0.65
100	2.54	85	2.15	53	1.35	24.1	0.613	50.6	1.286	32	0.81
120	3.05	102	2.58	64	1.62	28.9	0.735	60.7	1.543	38	0.97
150	3.81	127	3.23	79	2.02	36.2	0.919	75.9	1.928	48	1.22
180	4.57	153	3.88	95	2.42	43.4	1.103	91.1	2.314	58	1.46
200	5.08	170	4.31	106	2.69	48.2	1.225	101.2	2.571	64	1.62
250	6.35	212	5.38	132	3.37	60.3	1.531	126.5	3.214	80	2.03
300	7.62	254	6.46	159	4.04	72.3	1.838	151.8	3.857	96	2.44
350	8.89	297	7.54	185	4.71	84.4	2.144	177.2	4.500	112	2.84
400	10.16	339	8.62	212	5.38	96.5	2.450	202.5	5.142	128	3.25
500	12.70	424	10.77	265	6.73	120.6	3.063	253.1	6.428	160	4.06



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