EIKI

Lens Specifications: BRILLIANT Series Projectors

January 9, 2006.

Most Models				Screen Dimensions (H & W in ft., D in in.).									
Resolution: XGA (1024x768) or SVGA (800x600)				H'	2.0	3.0	5	6	7.5	9	12	15	
Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)				W'	2.67	4	6.67	8	10	12	16	20	
Nominal Panel Size 0.79" D	iagonal ((0.8")		D"	40	60	100	120	150	180	240	300	
Effective Aperture: 0.632	in. wide					•	•		-				
Standard Lens	T/W	Lens	Shift/Limits		Distance (expressed in feet).								
LC-XB30/28/26/22, LC-SB21	1.25	0.787"~1.181" Manual, Zoom	9:1		3.3	5.0	8.3	10.0	12.5	15.0	19.9	24.9	
LC-XB25/20/15, LC-SB20/15	1.87	(20~30mm) f:1.7~2.5	(fixed)		5.0	7.5	12.5	15.0	18.7	22.4	29.9	-	
20-7023/20/13, 20-0020/13	1.07	(20 001111) 1.1.7 2.0	(IIXCO)		5.0	1.0	12.0	10.0	10.7		20.0		
LO-XD23/20/13, LO-OD20/13	1.07	(20*001111) 1.1.7*2.0	(lixed)		0.0	1.0	12.5	10.0	10.7	I	20.0		
LC-XB23 & LC-SB22	1.07	(20 00000) 1.1.7 2.0	(IIXCO)		Screen							_	
· ·	_		(IIXCO)	H'								15	
LC-XB23 & LC-SB22	SVGA (8	00x600)	(incd)	H' W'	Screen) Dime	nsions	s (H & \	W in ft	, D in i	i n.). 12		
LC-XB23 & LC-SB22 Resolution: XGA (1024x768) or	SVGA (8 by 5 Dia	00x600)	(1760)	H' W' D"	Screen 2.0) Dime	nsions 5	s (H &) 6	W in ft . 7.5	, D in 9	i n.). 12 16	15	
LC-XB23 & LC-SB22 Resolution: XGA (1024x768) or Aspect Ratio: (3 High by 4 Wide	SVGA (8 by 5 Dia	00x600)	(inco)		Screen 2.0 2.67	1 Dime 3.0 4	nsion s 5 6.67	s (H &) 6 8	W in ft . 7.5 10	, D in 9 12	i n.). 12 16	15 20	
LC-XB23 & LC-SB22 Resolution: XGA (1024x768) or Aspect Ratio: (3 High by 4 Wide Nominal Panel Size 0.6" Dia	SVGA (8 by 5 Dia agonal	00x600)	Shift/Limits		Screen 2.0 2.67	Dime 3.0 4 60	nsions 5 6.67 100	6 (H &) 6 8 120	W in ft 7.5 10 150	, D in 9 12	i n.). 12 16	15 20	
LC-XB23 & LC-SB22 Resolution: XGA (1024x768) or Aspect Ratio: (3 High by 4 Wide Nominal Panel Size 0.6" Dia Effective Aperture: 0.491	SVGA (8 e by 5 Dia agonal in. wide	00x600) igonal)			Screen 2.0 2.67 40	Dime 3.0 4 60	nsions 5 6.67 100	6 (H &) 6 8 120	W in ft 7.5 10 150	, D in 9 12	i n.). 12 16 240	15 20	

Notes

For 16:9, width stays the same as 4:3 (ignore the diagonal).	16:9 Height	(ft.)	1.50	2.25	3.75	4.50	5.63	6.75	9.00	11.25

Calculations are from the front glass of the lens and are accurate to approximately +/- 3.5%. Specifications are subject to change without prior notice.

How to use the T/W column. If your screen size does not appear on this chart, use the T/W column to find the lens you need. Divide the Throw distance by the screen Width to get your "target T/W number". Then, look for a lens with a T/W range that covers it.

Understanding Shift/Limits. The numbers in the Shift/Limits column express the projector positions possible as a ratio of the image heights Above:Below a line drawn perpendicular to the screen between the lens and the screen. 1:1 = center of the image. 10:0 = top of the image.



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