

LC-XB43, LC-XB43N (BRILLIANT)				Screen Dimensions.								
Resolution: XGA (1024x768)				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
Aperture: 0.64 in. wide				D"	40	60	100	120	150	180	240	300
Standard Lens	T/W	Shift/Limits	Lens Description	EFL	Throw (Distance to Screen) in feet.							
LC-XB43, LC-XB43N	1.18	up 40%	0.756 ~ 1.189" Manual, Zoom	0.756	3.2	4.7	7.9	9.5	11.8	14.2	18.9	23.6
LC-XB42, LC-XB42N	1.86	(fixed)	(19.2~30.2 mm) f:1.7~2.5	1.189	5.0	7.4	12.4	14.9	18.6	22.3	29.7	37.2

LC-XS31, LC-XS30, LC-XS25/A (SCHOOL)				Screen Dimensions.								
Resolution: XGA (1024x768)				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
Aperture: 0.504 in. wide				D"	40	60	100	120	150	180	240	300
Standard Lens	T/W	Shift/Limits	Lens Description	EFL	Throw (Distance to Screen) in feet.							
LC-XS31, LC-XS25	1.74	up 40%	0.886"~1.063" Manual, Zoom	0.879	4.7	7.0	11.6	14.0	17.4	20.9	27.9	34.9
LC-XS30	2.09	(fixed)	(22.5~27 mm) f:1.65~1.81	1.055	5.6	8.4	14.0	16.7	20.9	25.1	33.5	41.9

LC-XB100/A and 200/A (BRILLIANT)				Screen Dimensions.								
Resolution: XGA (1024x768)				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
Aperture: 0.504 in. wide				D"	40	60	100	120	150	180	240	300
Standard Lens	T/W	Shift/Limits	Lens Description	EFL	Throw (Distance to Screen) in feet.							
LC-XB100A, LC-XB200A	1.18	up 40%	0.610"~0.965" Manual, Zoom	0.595	3.2	4.7	7.9	9.4	11.8	14.2	18.9	23.6
LC-XB100, LC-XB200	1.91	(fixed)	(15.5~24.5 mm) f:1.65~2.33	0.962	5.1	7.6	12.7	15.3	19.1	-	-	-

LC-XBM31, LC-XBL30 (BRILLIANT)				Screen Dimensions.								
Resolution: XGA (1024x768)				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
Aperture: 0.504 in. wide				D"	40	60	100	120	150	180	240	300
Standard Lens	T/W	Shift/Limits	Lens Description	EFL	Throw (Distance to Screen) in feet.							
LC-XBL30 (BRILLIANT)	1.42	up 31%	0.724"~0.869" Manual, Zoom	0.715	3.8	5.7	9.5	11.3	14.2	17.0	22.7	28.4
	1.72	(fixed)	(18.38~22.06 mm) f:2.0~2.15	0.865	4.6	6.9	11.4	13.7	17.2	20.6	27.5	34.3

LC-XBM26 & 21, LC-XBL26 & 21, LC-XBL25 & 20 (BRILLIANT)				Screen Dimensions.								
Resolution: XGA (1024x768)				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
Aperture: 0.44 in. wide				D"	40	60	100	120	150	180	240	300
Standard Lens	T/W	Shift/Limits	Lens Description	EFL	Throw (Distance to Screen) in feet.							
LC-XBL20, LC-XBL25	1.61	up 35%	0.724"~0.869" Manual, Zoom	0.709	4.3	6.4	10.7	12.9	16.1	19.3	25.8	32.2
	1.94	(fixed)	(18.38~22.06 mm) f:2.0~2.15	0.854	5.2	7.8	12.9	15.5	19.4	23.3	31.1	38.8

LC-XD25/U (DIAMOND)				Screen Dimensions.								
Resolution: XGA (1024x768)				H'	2.0	3.0	5	6	7.5	10	12	15
Aspect Ratio: (3 High by 4 Wide by 5 Diagonal)				W'	2.67	4	6.67	8	10	13.3	16	20
Aperture: 0.504 in. wide				D"	40	60	100	120	150	200	240	300
Standard Lens	T/W	Shift/Limits	Lens Description	EFL	Throw (Distance to Screen) in feet.							
LC-XD25/U (DIAMOND)	1.35	up 35%	0.685~0.831" Manual, Zoom	0.680	3.6	5.4	9.0	10.8	13.5	17.9	21.6	27.0
	1.63	(fixed)	(17.4~21.1.0 mm) f:1.77~1.99	0.820	4.3	6.5	10.9	13.0	16.3	21.6	26.0	32.5

For all models												
Image Height for 16:9: width stays the same as 4:3 (ignore Diagonal).				H'	1.50	2.25	3.75	4.50	5.63	6.75	9.00	11.25



205 Westwood Ave, Long Branch, NJ 07740
Phone: 866-94 BOARDS (26273) / (732)-222-1511
Fax: (732)-222-7088 | E-mail: sales@touchboards.com

These charts are a simulation. Effective Focal Length (EFL) most accurately represents lens behavior, and drives the calculations..
 Calculations are from the front glass of the lens and accurate to approximately +/- 5%. Specifications are subject to change without notice.

Eiki International, Inc. Tel: 800-322-3454, Fax: 800-457-3454, E-mail: usa@eiki.com
 In Canada: Tel: 800-563-3454, Fax: 800-567-4069, E-mail: canada@eiki.com
 Website: http://www.eiki.com