

LC-WB42NA, LC-WB42N

Full Screen - 16:10

Resolution: WXGA (1280x800)
Aspect Ratio: (10 High by 16 Wide by 18.868 Diagonal)
Aperture: 0.62752 in. wide

Screen Dimensions.

H'	1.8	2.7	3.5	4.9	6.3	7.5
W'	2.8	4.2	5.7	7.8	10.0	12.0
D"	40	60	80	110	142	170

EIKI Part No. Ref. T/W Shift/Limits Attached Lens EFL Throw (Distance to Screen) in feet.

LC-WB42NA, LC-WB42N											
Standard Lens		1.18	49:1	0.756" ~ 1.189" Manual, Zoom	0.74	3.3	5.0	6.7	9.2	11.8	14.2
		1.86	(fixed)	(19.2 ~ 30.2 mm) f:1.7 ~ 2.5	1.17	5.3	7.9	10.5	14.5	18.6	22.4

LC-WNS3200

Full Screen - 16:10

Resolution: WXGA (1280x800)
Aspect Ratio: (10 High by 16 Wide by 18.868 Diagonal)
Aperture: 0.50032 in. wide

Screen Dimensions.

H'	1.8	2.7	3.5	4.9	6.3	7.5
W'	2.8	4.2	5.7	7.8	10.0	12.0
D"	40	60	80	110	142	170

EIKI Part No. Ref. T/W Shift/Limits Attached Lens EFL Throw (Distance to Screen) in feet.

LC-WNS3200											
Standard Lens		1.45	13:1	0.752" ~ 0.901" Manual, Zoom	0.727	4.1	6.2	8.2	11.3	14.5	17.4
		1.74	(fixed)	(19.1~22.8 mm) f:2.1~2.5	0.871	4.9	7.4	9.8	13.5	17.4	20.9

LC-WB100, LC-WB200/W

Full Screen - 16:10

Resolution: WXGA (1280x800)
Aspect Ratio: (10 High by 16 Wide by 18.868 Diagonal)
Aperture: 0.50032 in. wide

Screen Dimensions.

H'	1.8	2.7	3.5	4.9	6.3	7.5
W'	2.8	4.2	5.7	7.8	10.0	12.0
D"	40	60	80	110	142	170

EIKI Part No. Ref. T/W Shift/Limits Attached Lens EFL Throw (Distance to Screen) in feet.

LC-WB100, LC-WB200											
Standard Lens		1.19	49:1	0.609" ~ 0.965" Manual, Zoom	0.60	3.4	5.0	6.7	9.3	11.9	14.3
		1.91	(fixed)	(15.5 ~ 24.5 mm) f:1.65 ~ 2.33	0.96	5.4	8.1	10.8	14.9	19.1	22.9

LC-WBS500

Full Screen - 16:10

Resolution: WXGA (1280x800)
Aspect Ratio: (10 High by 16 Wide by 18.868 Diagonal)
Aperture: 0.50032 in. wide

Screen Dimensions.

H'	1.8	2.7	3.5	4.9	6.3	7.5
W'	2.8	4.2	5.7	7.8	10.0	12.0
D"	40	60	80	110	142	170

EIKI Part No. Ref. T/W Shift/Limits Attached Lens EFL Throw (Distance to Screen) in feet.

LC-WBS500											
Standard Lens		1.48	9:1	0.742-1.235" Manual, Zoom	0.742	4.2	6.3	8.4	11.5	14.8	17.8
		2.47	(fixed)	(19.36-31.94 mm) f:1.6~2.08	1.235	7.0	10.5	13.9	19.2	24.7	29.6

LC-WNB3000N

Full Screen - 16:10

Resolution: WXGA (1280x800)
Aspect Ratio: (10 High by 16 Wide by 18.868 Diagonal)
Aperture: 0.50032 in. wide

Screen Dimensions.

H'	1.8	2.7	3.5	4.9	6.3	7.5
W'	2.8	4.2	5.7	7.8	10.0	12.0
D"	40	60	80	110	142	170

EIKI Part No. Ref. T/W Shift/Limits Attached Lens EFL Throw (Distance to Screen) in feet.

LC-WNB3000N											
Standard Lens		1.45	9:1	0.728-0.874" Manual, Zoom	0.727	4.1	6.2	8.2	11.3	14.5	17.4
		1.73	(fixed)	(18.5-22.2 mm) f:1.6~1.9	0.868	4.9	7.4	9.8	13.5	17.3	20.8



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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 screenWidth 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. The two sides of a ratio are cumulative, so the expression 7:-1 means that the bottom of the image starts 1/6th of the image height above the imaginary line.

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 +/- 3.5%. Specifications are subject to change without notice.