

LC-WB42NA, LC-WB42N

Full Screen - 16:10

Resolution: WXGA (1280x800)
 Aspect Ratio: (10 High by 16 Wide by 18.868 Diagonal)
 Aperture: 0.6275 in. wide

Screen Dimensions.

H'	1.8	2.7	3.5	4.9	7.5	13.2
W'	2.8	4.2	5.7	7.8	12.0	21.2
D"	40	60	80	110	170	300

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	14.2	25.0	
		1.86	(fixed)	(19.2 ~ 30.2 mm) f:1.7 ~ 2.5	1.17	5.3	7.9	10.5	14.5	22.4	39.5	

LC-WB100, LC-WB200/W, LC-WB200/W

Full Screen - 16:10

Resolution: WXGA (1280x800)
 Aspect Ratio: (10 High by 16 Wide by 18.868 Diagonal)
 Aperture: 0.5003 in. wide

Screen Dimensions.

H'	1.8	2.7	3.5	4.9	7.5	13.2
W'	2.8	4.2	5.7	7.8	12.0	21.2
D"	40	60	80	110	170	300

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	14.3	25.2	
		1.91	(fixed)	(15.5 ~ 24.5 mm) f:1.65 ~ 2.33	0.96	5.4	8.1	10.8	14.9	22.9	-	

LC-WS250

Full Screen - 16:10

Resolution: WXGA (1280x800)
 Aspect Ratio: (10 High by 16 Wide by 18.868 Diagonal)
 Aperture: 0.5003 in. wide

Screen Dimensions.

H'		2.7	3.5	4.9		
W'		4.2	5.7	7.8		
D"		60	80	110		

EIKI Part No.	Ref.	T/W	Shift/Limits	Attached Lens	EFL	Throw (Distance to Screen) in feet.						
LC-WS250												
Standard Lens		0.50	10:-1.68	0.263" Manual, Fixed	0.248	-	2.1	2.8	3.9	-	-	
			(fixed)	(6.68 mm) f:1.8								

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