

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

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 1/6th 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.