## Lens Specs for DLP® Attached Lens Projectors

				EIP-U4700									
Full Screen - 16:10						Screen Dimensions.							
Resolution: WUX	(GA (1920)	x1200)			Н'	1.8	2.7	3.5	4.9	6.3	7.5	8.7	
Aspect Ratio: (10	) High by 1	6 Wide b	y 18.868 Diagon	al)	w'	2.8	4.2	5.7	7.8	10.0	12.0	14.0	
Aperture:	0.56	8 in. wide	Ð		D"	40	60	80	110	142	170	198	
	Def	TAN	Shift/Limits	Attached Lens		Threw				in fact			
EIKI Part No.	Ref.	T/W	Shin/Limits	Attached Lens	EFL	Inrow	(Distan	ice to S	icreen) i	n teet.			
EIP-U4700													
Standard Lens		1.60	25:-2	0.925-1.110" Manual, Zoom	0.910	4.5	6.8	9.1	12.5	16.0	19.2	22.4	
		1.92	(fixed)	(23.5-28.2 mm) f:2.5-2.76	1.091	5.4	8.1	10.9	14.9	19.2	23.0	26.9	
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				EIP-W4600									
Full Screen - 16:10						Screen Dimensions.							
Resolution: WXG	GA (1280x8	800)			н' [	1.8	2.7	3.5	4.9	6.3	7.5	8.7	
Aspect Ratio: (10	) High by 1	6 Wide b	y 18.868 Diagon	al)	w'	2.8	4.2	5.7	7.8	10.0	12.0	14.0	
Aperture:	0.56	8 in. wide	Ð		D"	40	60	80	110	142	170	198	
EIKI Part No.	Ref.	T/W	Shift/Limits	Attached Lens	EFL	Throw	(Distan	ice to S	icreen) i	in feet.			
EIP-W4600	Ref.										19.9	23.2	
	Ref.	1.65	50:-7	0.838-0.964" Manual, Zoom	0.940	4.7	7.0	9.4	12.9	16.5	19.9	23.2	
EIP-W4600	Ref.										19.9 24.3	23.2 28.3	
EIP-W4600	Ref.	1.65	50:-7	0.838-0.964" Manual, Zoom	0.940	4.7	7.0	9.4	12.9	16.5		-	
EIP-W4600		1.65	50:-7	0.838-0.964" Manual, Zoom (21.3-24.5 mm) f:2.5-2.72	0.940	4.7	7.0 8.6	9.4 11.4	12.9	16.5		-	
EIP-W4600 Standard Lens	- 4:3	1.65	50:-7	0.838-0.964" Manual, Zoom (21.3-24.5 mm) f:2.5-2.72	0.940	4.7 5.7	7.0 8.6	9.4 11.4	12.9	16.5		-	
EIP-W4600 Standard Lens Full Screen -	- <b>4:3</b> (1024x768	1.65 2.02	50:-7 (fixed)	0.838-0.964" Manual, Zoom (21.3-24.5 mm) f:2.5-2.72	0.940	4.7 5.7 Screen	7.0 8.6 Dimen	9.4 11.4	12.9 15.8	16.5 20.2	24.3	28.3	
EIP-W4600 Standard Lens Full Screen - Resolution: XGA	- 4:3 (1024x768 High by 4 \	1.65 2.02	50:-7 (fixed) 5 Diagonal)	0.838-0.964" Manual, Zoom (21.3-24.5 mm) f:2.5-2.72	0.940 1.150 <b>H'</b>	4.7 5.7 Screen 2	7.0 8.6 Dimen	9.4 11.4 sions.	12.9 15.8 6	16.5 20.2 7.5	24.3	28.3	
EIP-W4600 Standard Lens Full Screen - Resolution: XGA Aspect Ratio: (3	- 4:3 (1024x768 High by 4 \	1.65 2.02 3) Wide by 5	50:-7 (fixed) 5 Diagonal)	0.838-0.964" Manual, Zoom (21.3-24.5 mm) f:2.5-2.72	0.940 1.150 H' W'	4.7 5.7 Screen 2 2.7	7.0 8.6 Dimen 3 4.0	9.4 11.4 sions. 5 6.67	12.9 15.8 6 8.0	16.5 20.2 7.5 10.0	24.3 9 12.0	28.3 10 14	
EIP-W4600 Standard Lens Full Screen - Resolution: XGA Aspect Ratio: (3	- 4:3 (1024x768 High by 4 \	1.65 2.02 3) Wide by 5	50:-7 (fixed) 5 Diagonal)	0.838-0.964" Manual, Zoom (21.3-24.5 mm) f:2.5-2.72	0.940 1.150 H' W' D"	4.7 5.7 Screen 2 2.7 40	7.0 8.6 <b>Dimen</b> 3 4.0 60	9.4 11.4 ssions. 5 6.67 100	12.9 15.8 6 8.0	16.5 20.2 7.5 10.0 150	24.3 9 12.0	28.3 10 14	
EIP-W4600 Standard Lens Full Screen - Resolution: XGA Aspect Ratio: (3 Aperture: EIKI Part No.	- 4:3 (1024x768 High by 4 \ 0.50	1.65 2.02 3) Wide by 5 6 in. wide	50:-7 (fixed) 5 Diagonal) 9	0.838-0.964" Manual, Zoom (21.3-24.5 mm) f:2.5-2.72 EIP-X5500	0.940 1.150 H' W' D"	4.7 5.7 Screen 2 2.7 40	7.0 8.6 <b>Dimen</b> 3 4.0 60	9.4 11.4 ssions. 5 6.67 100	12.9 15.8 6 8.0 120	16.5 20.2 7.5 10.0 150	24.3 9 12.0	28.3 10 14	
EIP-W4600 Standard Lens Full Screen - Resolution: XGA Aspect Ratio: (3 Aperture:	- 4:3 (1024x768 High by 4 \ 0.50	1.65 2.02 3) Wide by 5 6 in. wide	50:-7 (fixed) 5 Diagonal) 9	0.838-0.964" Manual, Zoom (21.3-24.5 mm) f:2.5-2.72 EIP-X5500	0.940 1.150 H' W' D"	4.7 5.7 Screen 2 2.7 40	7.0 8.6 <b>Dimen</b> 3 4.0 60	9.4 11.4 ssions. 5 6.67 100	12.9 15.8 6 8.0 120	16.5 20.2 7.5 10.0 150	24.3 9 12.0	28.3 10 14	
EIP-W4600 Standard Lens Full Screen - Resolution: XGA Aspect Ratio: (3 Aperture: EIKI Part No.	- 4:3 (1024x768 High by 4 \ 0.50	1.65 2.02 3) Wide by 5 6 in. wide	50:-7 (fixed) 5 Diagonal) 9 <b>Shift/Limits</b>	0.838-0.964" Manual, Zoom (21.3-24.5 mm) f:2.5-2.72 EIP-X5500 Attached Lens	0.940 1.150 H' W' D" EFL	4.7 5.7 Screen 2 2.7 40 Throw	7.0 8.6 <b>Dimen</b> 3 4.0 60 (Distan	9.4 11.4 sions. 5 6.67 100	12.9 15.8 6 8.0 120 Screen)	16.5 20.2 7.5 10.0 150	9 12.0 180	28.3 10 14 207	

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.

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