

# EIKI Lens Chart

# Lenses for PRO V1700

July 11, 2024

Resolution: WUXGA (1920x1200)

Aspect Ratio: (16 : 10)

### Screen Dimensions.

H'	3.5	4.4	6.6	7.5	8.8	11	13.3	15.5	17.7	19.9	22.1
W'	5.7	7.1	10.6	12.0	14.1	17.7	21.2	24.73	28.26	31.8	35.33
D"	80	100	150	170	200	250	300	350	400	450	500

EIKI Part No.	Diagonal	T/W	Shift Range	Power Zoom and Focus (mm) f:	Throw Distance to Screen in feet.											
					3.0	3.7	5.6	6.4	7.5	9.4	11.2	13.1	15.0	16.9	18.7	
AH-AV22060	80"	0.53	V: +/- 50%	(12.0-14.6 mm) f: 1.94-2.20	3.7	4.6	6.9	7.8	9.2	11.4	13.7	16.0	18.3	20.6	22.9	
	500"	0.65	H: +/- 20%													
AH-AV22070	80"	0.65	V: +/- 55%	(14.9-19.1 mm) f: 1.84-2.25	3.6	4.6	6.8	7.8	9.1	11.4	13.7	16.0	18.3	20.5	22.8	
	500"	0.87	H: +/- 20%		4.9	6.1	9.2	10.4	12.2	15.3	18.3	21.4	24.5	27.5	30.6	
AH-AV21020	80"	0.86	V: +/- 65%	(19.0-27.6 mm) f: 1.8-2.24	4.9	6.1	9.1	10.3	12.2	15.2	18.2	21.3	24.3	27.3	30.4	
	500"	1.25	H: +/- 25%		7.1	8.8	13.3	15.0	17.7	22.1	26.5	30.9	35.3	39.8	44.2	
AH-AV21030	80"	1.24	V: +/- 65%	(27.7-44.3 mm) f: 1.8-2.24	7.0	8.8	13.1	14.9	17.5	21.9	26.3	30.7	35.0	39.4	43.8	
	500"	2.01	H: +/- 25%		11.4	14.2	21.3	24.1	28.4	35.5	42.6	49.7	56.8	63.9	71.0	
AH-AV24010	80"	1.98	V: +/- 65%	(43.8-86.0 mm) f: 1.8-2.58	11.2	14.0	21.0	23.8	28.0	35.0	42.0	49.0	56.0	63.0	70.0	
	500"	3.95	H: +/- 25%		22.3	27.9	41.9	47.4	55.8	69.8	83.7	97.7	111.6	125.6	139.6	
AH-AV23030	80"	3.95	V: +/- 65%	(86.2-164.8 mm) f: 1.85-2.41	22.3	27.9	41.9	47.4	55.8	69.7	83.7	97.7	111.6	125.6	139.5	
	500"	7.51	H: +/- 25%		42.4	53.0	79.6	90.1	106.1	132.6	159.2	185.7	212.2	238.8	265.3	

**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.

Calculations are from the front glass of the lens and accurate to approximately +/- 5%. Specifications are subject to change without notice.

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