

EIKI Lens Chart

Lenses for PRO V2000

March 28, 2025

Resolution: WUXGA (1920x1200)
Aspect Ratio: (16 : 10)

Screen Dimensions.

H'	3.8	5.0	6.3	7.5	10.0	11.3	12.5	15.00	17.5	18.8	20.0
W'	6.0	8.0	10.0	12.0	16.0	18.0	20.0	24.0	28.0	30.0	32.0
D"	85	113	142	170	226	255	283	340	396	425	453

EIKI Part No.	Diagonal	T/W	Shift Range		Throw Distance to Screen in feet.											
AH-AV22060	80"	0.53	V: +/- 50%	Power Zoom and Focus		3.2	4.2	5.3	6.4	8.5	9.5	10.6	12.7	14.9	15.9	17.0
	500"	0.65	H: +/- 20%	(12.0-14.6 mm) f: 1.94-2.20		3.9	5.2	6.5	7.8	10.4	11.7	13.0	15.6	18.2	19.4	20.7
AH-AV22070	80"	0.65	V: +/- 55%	Power Zoom and Focus		3.9	5.2	6.5	7.8	10.3	11.6	12.9	15.5	18.1	19.4	20.7
	500"	0.87	H: +/- 20%	(14.9-19.1 mm) f: 1.84-2.25		5.2	6.9	8.7	10.4	13.8	15.6	17.3	20.8	24.2	26.0	27.7
AH-AV21020	80"	0.86	V: +/- 65%	Power Zoom and Focus		5.2	6.9	8.6	10.3	13.8	15.5	17.2	20.6	24.1	25.8	27.5
	500"	1.25	H: +/- 25%	(19.0-27.6 mm) f: 1.8-2.24		7.5	10.0	12.5	15.0	20.0	22.5	25.0	30.0	35.0	37.5	40.0
AH-AV21030	80"	1.24	V: +/- 65%	Power Zoom and Focus		7.4	9.9	12.4	14.9	19.8	22.3	24.8	29.8	34.7	37.2	39.7
	500"	2.01	H: +/- 25%	(27.7-44.3 mm) f: 1.8-2.24		12.1	16.1	20.1	24.1	32.2	36.2	40.2	48.2	56.3	60.3	64.3
AH-AV24010	80"	1.98	V: +/- 65%	Power Zoom and Focus		11.9	15.8	19.8	23.8	31.7	35.6	39.6	47.5	55.4	59.4	63.4
	500"	3.95	H: +/- 25%	(43.8-86.0 mm) f: 1.8-2.58		23.7	31.6	39.5	47.4	63.2	71.1	79.0	94.8	110.6	118.5	126.4
AH-AV23030	80"	3.95	V: +/- 65%	Power Zoom and Focus		23.7	31.6	39.5	47.4	63.2	71.1	79.0	94.8	110.6	118.5	126.4
	500"	7.51	H: +/- 25%	(86.2-164.8 mm) f: 1.85-2.41		45.1	60.1	75.1	90.1	120.1	135.2	150.2	180.2	210.2	225.3	240.3

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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