

Minimum Throw Ratios for Cine-Digital 1.33x Anamorphic Lenses

Projector Manufacturer	Projector Model	Display Type	Cine-Digital Anamorphic 1.33x	Cine-Digital Anamorphic 1.33x M	Cine-Digital Anamorphic 1.33x XL
Anthem	LTX-300	D-ILA	2.24	1.7	unlimited
Anthem	LTX-500	D-ILA	2.24	1.7	unlimited
Cineversum	Blackwing	D-ILA	2	1.5	unlimited
Digital Projection	iVision 20 series	DLP	2	unlimited	unlimited
Digital Projection	iVision 30 series	DLP	2	unlimited	unlimited
Digital Projection	dVision 30 series	DLP	n/a	2.4	1.4
Digital Projection	M-Vision	DLP	1.7	1.6	unlimited
Digital Projection	TITAN Series	DLP	n/a	n/a	1.8
Digital Projection	Lightning Series	DLP	n/a	n/a	1.8
Dreamvision	DreamBee	D-ILA	2	n/a	unlimited
JVC	DLA-RS1	D-ILA	1.8	1.4	unlimited
JVC	DLA-RS2	D-ILA	1.8	1.4	unlimited
JVC	DLA-RS10	D-ILA	2.24	1.7	unlimited
JVC	DLA-RS15	D-ILA	2.24	1.7	unlimited
JVC	DLA-RS20	D-ILA	2.24	1.7	unlimited
JVC	DLA-RS25	D-ILA	2.24	1.7	unlimited
JVC	DLA-RS35	D-ILA	2.24	1.7	unlimited
JVC	DLA-HD100	D-ILA	1.8	1.4	unlimited
JVC	DLA-HD350	D-ILA	2.24	1.7	unlimited
JVC	DLA-HD550	D-ILA	2.24	1.7	unlimited
JVC	DLA-HD750	D-ILA	2.24	1.7	unlimited
JVC	DLA-HD990	D-ILA	2.24	1.7	unlimited
Marantz	VP-11S2	DLP	2	1.6	1.44
Marantz	VP-15S1	DLP	2	1.6	1.44
Meridian	MF10	D-ILA	1.8	1.4	unlimited
Projectiondesign	Optix	DLP	n/a	2.4	1.2
Projectiondesign	Helios	DLP	n/a	2.4	1.2
Projectiondesign	Radiance	DLP	2	unlimited	unlimited
Projectiondesign	Prisma	DLP	2	unlimited	unlimited
Runco	Q750i	DLP	2	unlimited	unlimited
Runco	Q750D	DLP	2	unlimited	unlimited
Runco	VX-3000i	DLP	2	unlimited	unlimited
Runco	VX-3000d	DLP	2	unlimited	unlimited
Runco	VX-33i	DLP	4.12	n/a	1.84
Runco	VX-33d	DLP	4.12	n/a	1.84
Runco	RS-1100	DLP	3.08	n/a	1.55

Projector Manufacturer	Projector Model	Display Type	Cine-Digital Anamorphic 1.33x	Cine-Digital Anamorphic 1.33x M	Cine-Digital Anamorphic 1.33x XL
Sim2	C3X 1080	DLP	2.4	n/a	1.5
Sim2	HT5000	DLP	n/a	n/a	1.83
Sim2	C3X Lumis Host	DLP	2.4	n/a	1.5
Sony	VPL VW50	LCoS	1.8	unlimited	unlimited
Sony	VPL VW60	LCoS	1.8	unlimited	unlimited
Sony	VPL VW70	LCoS	1.8	unlimited	unlimited
Sony	VPL VW85	LCoS	1.8	unlimited	unlimited
Sony	VPL VW200	LCoS	2	unlimited	unlimited

Disclaimer

- *Minimum Throw Ratios are to be understood as projection distance (D) divided by native 16:9 screen width ($W_{16:9}$).*

$$\text{Throw Ratio} = D / W_{16:9}$$

- These values are recommendations only and may vary slightly due to projector placement, use of keystone adjustment, and lens shift.
- Use of throw ratios greater than the listed values is always recommended for best performance with the anamorphic lens.
- Use of a lower throw ratio than what is recommended may result in light loss on the edges or dark corners ("vignetting").