

Christie LWU502 lens throw ratios

The following table details the information required to calculate the lens throw ratios for the Christie LWU502 projectors.

Lens	Throw distance formula		Vertical and horizontal	Diagonal screen sizes	
	Imperial (in)	Metric (cm)	Offset (%)	Imperial (in)	Metric (cm)
1.4-2.3:1 Fixed	TDmin= $1.3766 \times W - 0.803$	TDmin = $1.3766 \times W - 2.0409$	+111.11% /0 V	30 to 300	76.2 to 762
	TDmax= $2.3562 \times W - 0.908$	TDmax = $2.3562 \times W - 2.3057$	+12.75% /-12.57% H		

- Throw distance measured from the center of the front foot of the projector.
- The lens is installed in the projector and is not replaceable.
- All lenses are made of glass.
- Calculated throw distance (TD) values are subject to a +/- 5% tolerance for individual lens variation.
- Calculated offset values are subject to a +/- 7% centering tolerance.