

# Christie LWU530-APS and LWU650-APS lens throw ratios

The following table details the information required to calculate the lens throw ratios for the Christie LWU530-APS and LWU650-APS projectors.

Lens	Throw distance formula		Vertical and horizontal	Diagonal screen sizes	
	Imperial (in)	Metric (cm)	Offset (%)	Imperial (in)	Metric (cm)
1.4-2.4 :1 fixed zoom	TDmin = 1.434 x W - 4.72	TDmin = 1.434 x W - 11.9861	0 to +56.5% V	30 to 300	76.2 to 762
	TDmax = 2.4543 x W - 4.82	TDmax = 2.4543 x W - 12.2509	± 4.6% H		

- Throw distance measured from the center of the front foot of the projector.
- 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.