Christie LWU720i lens throw ratios

The following table details the information required to calculate the lens throw ratios for the Christie LWU720i projectors.

Lens	Throw distance formula		Vertical and horizontal offset (%)	Diagonal screen sizes	
	Imperial (in)	Metric (cm)		Imperial (in)	Metric (cm)
0.8:1 fixed (121-111104-XX)	TD = 0.80 x W + 3.56	TD = 0.80 x W + 9.04	0% V	30 to 600	76 to 1524
			0% H		
1.2 - 1.7:1 short zoom (121-129103-XX)	TDmin = 1.17 x W + 2.90	TDmin = 1.17 x W + 7.38	0% - 50% V	30 to 600	76 to 1524
	TDmax = 1.76 x W + 2.85	TDmax = 1.76 x W + 7.25	±10% H		
1.7 - 2.9:1 medium zoom (121-130105-XX)	TDmin = 1.71 x W + 3.36	TDmin = 1.71 x W + 8.54	0% - 55% V	30 to 600	76 to 1524
	TDmax = 2.90 x W + 3.17	TDmax = 2.90 x W + 8.05	±10% H		
2.8 - 4.8:1 long zoom (121-114107-XX)	TDmin = 2.82 x W + 2.31	TDmin = 2.82 x W + 5.87	0% - 50% V	30 to 600	76 to 1524
	TDmax = 4.83 x W - 0.48	TDmax = 4.83 x W - 1.22	±10% H		
4.7 - 8.1:1 ultra long zoom (121-115108-XX)	TDmin = 4.67 x W + 12.46	TDmin = 4.67 x W + 31.65	0% - 50% V	30 to 600	76 to 1524
	TDmax = 8.05 x W + 10.72	TDmax = 8.05 x W + 27.22	±10% H		

- Throw distance measured from the center of the front foot of the projector.
- All lenses are made of glass.

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