

# **LX601i Lens Throw Ratios Technical Reference Information**

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## **INTRODUCTION**

The table on the following page details the information required to calculate the Lens Throw Ratios for the LX601i projector.

### LX601i Lens Information

Lens	Throw Distance Formula		Vertical/Horizontal Offset	Diagonal Screen Sizes	
	Standard (Inches)	Metric (cm)		Standard (Inches)	Metric (cm)
<b>0.80:1</b> <b>(121-111104-01)</b>	TD = 0.80 x W + 3.13"	TD = 0.80 x W + 7.94 cm	On Axis V	30" to 600"	76 to 1524 cm
			On Axis H		
<b>1.20-1.80:1 Zoom</b> <b>(121-112105-01)</b>	TDmin = 1.20 x W + 2.51"	TDmin = 1.20 x W + 6.38 cm	+85% / -35% V	30" to 600"	76 to 1524 cm
	TDmax = 1.80 x W + 2.46"	TDmax = 1.80 x W + 6.25 cm	± 23% H		
<b>1.50-3.00:1 Zoom</b> <b>(121-113106-01)</b> <b>(included)</b>	TDmin = 1.50 x W + 1.85"	TDmin = 1.50 x W + 4.70 cm	+85% / -35% V	30" to 600"	76 to 1524 cm
	TDmax = 3.00 x W + 2.17"	TDmax = 3.00 x W + 5.50 cm	± 23% H		
<b>2.80-4.90:1 Zoom</b> <b>(121-114107-01)</b>	TDmin = 2.80 x W + 2.06"	TDmin = 2.80 x W + 5.23 cm	+85% / -35% V	30" to 600"	76 to 1524 cm
	TDmax = 4.90 x W - 0.74"	TDmax = 4.90 x W - 1.87 cm	± 23% H		
<b>4.90-8.30:1 Zoom</b> <b>(121-115108-01)</b>	TDmin = 4.90 x W + 12.04"	TDmin = 4.90 x W + 30.57 cm	+85% / -35% V	30" to 600"	76 to 1524 cm
	TDmax = 8.30 x W + 10.30"	TDmax = 8.30 x W + 26.15 cm	± 23% H		

**NOTES:** **1)** Throw distance measured from the center of the front foot of the projector. **2)** Calculated throw distance (TD) values are subject to a ± 5% tolerance for individual lens variation. **3)** Calculated offset values are subject to a ± 7% centering tolerance.