

# **DHD550-G 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 DHD550-G projector.

### DHD550-G Lens Information

Lens	Throw Distance Formula		Vertical/Horizontal Offset	Diagonal Screen Sizes	
	Standard (Inches)	Metric (cm)		Standard (Inches)	Metric (cm)
<b>0.95-1.22:1 Zoom (140-101103-01)</b>	TDmin = 0.95 x W + 2.04"	TDmin = 0.95 x W + 5.20 cm	+122% / -120% V	50" to 300"	127 to 762 cm
	TDmax = 1.22 x W + 2.04"	TDmax = 1.22 x W + 5.20 cm	± 20% H		
<b>1.22-1.53:1 Zoom (140-100102-01)</b>	TDmin = 1.22 x W + 1.30"	TDmin = 1.22 x W + 3.30 cm	+122% / -120% V	50" to 300"	127 to 762 cm
	TDmax = 1.53 x W + 1.30"	TDmax = 1.53 x W + 3.30 cm	± 20% H		
<b>1.52-2.92:1 Zoom (140-102104-01)</b>	TDmin = 1.52 x W + 2.80"	TDmin = 1.52 x W + 7.10 cm	+122% / -120% V	50" to 300"	127 to 762 cm
	TDmax = 2.92 x W + 2.80"	TDmax = 2.92 x W + 7.10 cm	± 20% 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.