

# DWU775-E 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 DWU775-E projector.

### DWU775-E Lens Information

Lens	Throw Distance Formula		Vertical/Horizontal Offset	Diagonal Screen Sizes	
	Standard (Inches)	Metric (cm)		Standard (Inches)	Metric (cm)
<b>0.8:1</b> <b>(133-100102-01)</b>	TDmin = 0.80 x W + 0"	TDmin = 0.80 x W + 0 cm	On Axis V	30" to 500"	76 to 1270 cm
			On Axis H		
<b>1.20-1.50:1 Zoom</b> <b>(133-101103-01)</b>	TDmin = 1.20 x W + 0"	TDmin = 1.20 x W + 0 cm	+120% / -40% V	30" to 500"	76 to 1270 cm
	TDmax = 1.50 x W + 0"	TDmax = 1.50 x W + 0 cm	± 20% H		
<b>1.50-2.00:1 Zoom</b> <b>(133-102104-01)</b>	TDmin = 1.50 x W - 0"	TDmin = 1.50 x W - 0 cm	+120% / -40% V	30" to 500"	76 to 1270 cm
	TDmax = 2.00 x W - 0"	TDmax = 2.00 x W - 0 cm	± 20% H		
<b>2.00-4.00:1 Zoom</b> <b>(133-103105-01)</b>	TDmin = 2.00 x W - 0"	TDmin = 2.00 x W - 0 cm	+120% / -40% V	30" to 500"	76 to 1270 cm
	TDmax = 3.70 x W - 0"	TDmax = 3.70 x W - 0 cm	± 20% H		
<b>4.00-7.00:1 Zoom</b> <b>(133-104106-01)</b>	TDmin = 3.70 x W - 0"	TDmin = 3.70 x W - 0 cm	+120% / -40% V	30" to 500"	76 to 1270 cm
	TDmax = 7.00 x W - 0"	TDmax = 7.00 x W - 0 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.