

DWU550-G Lens Throw Ratios Technical Reference Information

INTRODUCTION

The table on the following page details the information required to calculate the Lens Throw Ratios for the DWU550-G projector.

DWU550-G Lens Information

| Lens | Throw Distance Formula | | Vertical/Horizontal Offset | Diagonal Screen Sizes | |
|---|--------------------------|----------------------------|----------------------------|-----------------------|---------------|
| | Standard (Inches) | Metric (cm) | | Standard (Inches) | Metric (cm) |
| 0.95-1.22:1 Zoom (140-101103-01) | TDmin = 0.95 x W + 2.04" | TDmin = 0.95 x W + 5.20 cm | ± 100% 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 | | |
| 1.22-1.53:1 Zoom (140-100102-01) | TDmin = 1.22 x W + 1.30" | TDmin = 1.22 x W + 3.30 cm | ± 100% 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 | | |
| 1.52-2.92:1 Zoom (140-102104-01) | TDmin = 1.52 x W + 2.80" | TDmin = 1.52 x W + 7.10 cm | ± 100% 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.