

Updated February 1, 2007

DLV1400-DX Legacy Lens

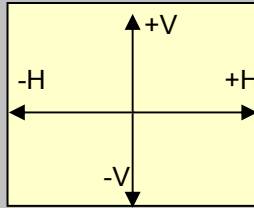
Rev 1

Lens	Throw Distance Formula		Vertical/Horizontal Offset	Max/Min Screen Width	
	Standard (Inches)	Metric (Meter)		Standard (Inches)	Metric (Meter)
1.1:1 Fixed Lens (38-809016-01)	TD = 1.1268 x W + 3.416	TD = 1.1268 x W + .0868	NA NA	36.61 to 200	0.93-5.09

DLV1400-DX Compact Thunder Lenses

Lens	Throw Distance Formula		Vertical/Horizontal Offset	Max/Min Screen Width	
	Standard (Inches)	Metric (Meter)		Standard (Inches)	Metric (Meter)
0.73:1 (38-809088-01)	TD = 0.762 x W + 2.65	TD = 0.762 x W + .0672	+37/-39% V +23/-21% H	59" - 172 "	1.5 - 4.38
1.25:1 (S.F.) (38-809093-01)	TD = 1.2865 x W + 3.94	TD = 1.2865 x W + .10	+119/-93% V +66/-37% H	47.2" - 118"	1.2 - 3
1.25:1 (L.F.) (38-809095-01)	TD = 1.2521 x W + 4.259	TD = 1.2521 x W + .1081	+119/-93% V +66/-37% H	118" - 590 "	3 - 15
1.45-1.8:1 Zoom (38-809089-01)	TDmin = 1.4789 x W - 1.42 TDmax = 1.8655 x W - 3.23	TDmin = 1.4789 x W - .0361 TDmax = 1.8655 x W - .0820	+100/-111% V +46/-50% H	63" - 434" 50" - 350"	1.59 - 11.03 1.27 - 8.89
1.8-2.5:1 Zoom (38-809090-01)	TDmin = 1.8460 x W - 4.66 TDmax = 2.6076 x W - 6.55	TDmin = 1.8460 x W - .1183 TDmax = 2.6076 x W - .1664	+100/-111% V +42/-55% H	63" - 437" 46" - 315"	1.61 - 11.11 1.16 - 8.0
2.5-4.5:1 Zoom (38-809091-01)	TDmin = 2.6347 x W - 4.50 TDmax = 4.783 x W - 11.65	TDmin = 2.6347 x W - .1143 TDmax = 4.783 x W - .2960	+100/-112% V +52/-46% H	96" - 440" 54' - 437"	2.44 - 11.2 1.36 - 11.11
4.5-7.3:1 Zoom (38-809092-01)	TDmin = 4.5126 x W - 2.58 TDmax = 7.423 x W - 9.92	TDmin = 4.5126 x W - .0655 TDmax = 7.423 x W - .2518	+144/-66% V +48/-45% H	105" - 437" 65" - 431"	2.67 - 11.11 1.64 - 10.96

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Throw distance is measured from the center of the front foot of the projector.
Calculated Throw Distance values are subject to a +/-5% lens tolerance
Calculated Vertical and Horizontal Offsets are subject to a +/-7% centering tolerance
Focal length values are subject to a +/-5 % tolerance