

Roadster S+12K, S+16K, S+20K & Mirage S+14K

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 = 0.7588 x W + 12.29	TD = 0.7588 x W + .3121	+32/-30% V +19/-18% 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 = 1.2487 x W + 5.348	TD = 1.2487 x W + .1358	+123/-89% V +75/-49% H	118" - 590"	3 - 15
1.45-1.8:1 Zoom (38-809089-01)	TDmin = 1.4781 x W + 7.71 TDmax = 1.839 x W + 8.42	TDmin = 1.4781 x W + .1958 TDmax = 1.839 x W + .2139	+109/-76% V +52/-47% H	63" - 434" 50" - 350"	1.59-11.03 1.27-8.89
1.8-2.5:1 Zoom (38-809090-01)	TDmin = 1.8301 x W - 2.29 TDmax = 2.6019 x W - 5.22	TDmin = 1.8301 x W - .0583 TDmax = 2.6019 x W - .1325	+104/-95% V +52/-48% H	63" - 437" 46" - 315"	1.61-11.11 1.16-8.0
2.5-4.5:1 Zoom (38-809091-01)	TDmin = 2.6147 x W - 2.29 TDmax = 4.7718 x W - 10.20	TDmin = 2.6147 x W - .0581 TDmax = 4.7718 x W - .2591	+113/-89% V +57/-43% H	96" - 440" 54" - 437"	2.44-11.2 1.36-11.11
4.5-7.3:1 Zoom (38-809092-01)	TDmin = 4.5727 x W - 3.56 TDmax = 7.4058 x W - 8.65	TDmin = 4.5727 x W - .0905 TDmax = 7.4058 x W - .2197	+113/-88% V +52/-48% H	105" - 437" 65" - 431"	2.67-11.11 1.64-10.96

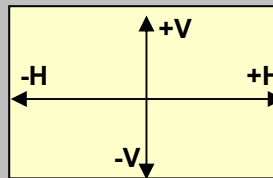
Please see Notes on the bottom of Page 2

LEGACY LENSES

1.2:1 (38-809016-01)	TD = 1.0816 x W + 7.83	TD = 1.0816 x W + .1989	+98/-87% V +78/-69% H	TBD	TBD
1.5-2.2:1 Zoom (38-809017-01)	TDmin = 1.3948 x W + 1.06 TDmax = 2.0705 x W - 0.32	TDmin = 1.3948 x W + 0.0270 TDmax = 2.0705 x W - 0.0081	+106/-120% V +79/-61% H	TBD	TBD

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2.2-4.0:1 Zoom (38-809018-01)	TDmin = $2.0345 \times W + 0.45$	TDmin = $2.0345 \times W + 0.0115$	+116/-128% V	TBD	TBD
	TDmax = $3.6766 \times W + 0.06$	TDmax = $3.6766 \times W + 0.0015$	+83/-72% H		
4.0-7.0:1 (38-809019-01)	TDmin = $3.6494 \times W + 1.00$	TDmin = $3.6494 \times W + .0255$	+117/-135% V	TBD	TBD
	TDmax = $6.372 \times W + 0.31$	TDmax = $6.372 \times W + 0.0078$	+98/-77% H		



Throw distance 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