

# 900 Series Optional Lenses

For Dukane 9000 Series Projectors



Multiple lens options for greater installation flexibility.



Lens	USL901	SL902	SD903W	SD903X	ML904	LL905	UL906
<b>Zoom Ratio</b>	x 1.3	x 1.5	x 1.5	x 1.5	x 1.5	x 1.6	x 1.6
<b>F Number</b>	1.8 (Wide) - 2.3 (Tele)	1.8 (Wide) - 2.3 (Tele)	1.6 (Wide) - 2.0 (Tele)	1.6 (Wide) - 2.0 (Tele)	1.8 (Wide) - 2.3 (Tele)	1.8 (Wide) - 2.2 (Tele)	1.8 (Wide) - 2.3 (Tele)
<b>Focal Length</b>	11 mm (Wide) - 14 mm (Tele)	17 mm (Wide) - 25 mm (Tele)	24 mm (Wide) - 36 mm (Tele)	24 mm (Wide) - 36 mm (Tele)	35 mm (Wide) - 54 mm (Tele)	51 mm (Wide) - 83 mm (Tele)	82 mm (Wide) - 130 mm (Tele)
<b>Dimensions</b> (W x H x L)	7.8 x 5.9 x 6.0 in.	7.9 x 5.9 x 6.0 in.	7.2 x 5.0 x 6.0 in	7.2 x 5.0 x 6.0 in	8.6 x 5.0 x 6.0 in	9.1 x 5.0 x 6.0 in	8.4 x 5.0 x 6.0 in
<b>Weight</b>	4.0 lbs.	4.4 lbs.	2.9 lbs.	2.9 lbs.	4.0 lbs.	4.2 lbs.	4.0 lbs.
<b>Image Size</b>	50" - 600"	50" - 600"	50" - 600"	50" - 600"	50" - 600"	50" - 600"	50" - 600"

Seven lenses are available to match various screen sizes and installation environments. Projection is possible in diverse installation areas from small conference rooms to auditoriums, convention halls, and other large spaces.

		Projection Distance (Projector front panel to screen for a 100 inch image)	Throw Ratio	Projection distances for optional lenses when projecting onto a 100" screen
<b>USL901</b> Ultra short throw lens Zoom: x 1.3	9007WU 9006W 9005	67"-84" (1.7-2.1m) 71"-88" (1.8-2.2m) 66"-82" (1.7-2.1m)	0.8 - 1.0 0.8 - 1.0 0.8 - 1.0	
<b>SL902</b> Short throw lens Zoom: x 1.5	9007WU 9006W 9005	100"-149" (2.5-3.8m) 105"-156" (2.7-4.0m) 98"-146" (2.5-3.7m)	1.1 - 1.7 1.2 - 1.8 1.2 - 1.8	
<b>SD903W</b> Standard lens Zoom: x 1.5	9007WU 9006W	140"-209" (3.5-5.3m) 147"-220" (3.7-5.6m)	1.6 - 2.4 1.7 - 2.6	
<b>SD903X</b> Standard lens Zoom: x 1.5	9005	136"-205" (3.5-5.2m)	1.7 - 2.5	
<b>ML904</b> Middle lens Zoom: x 1.5	9007WU 9006W 9005	205"-313" (5.2-7.9m) 216"-329" (5.5-8.3m) 200"-306" (5.1-7.8m)	2.4 - 3.6 2.5 - 3.8 2.5 - 3.8	
<b>LL905</b> Long throw lens Zoom: x 1.6	9007WU 9006W 9005	298"-482" (7.6-12.2m) 314"-506" (8.0-12.9m) 291"-471" (7.4-12.0m)	3.5 - 5.6 3.7 - 5.9 3.6 - 5.8	
<b>UL906</b> Ultra long throw lens Zoom: x 1.6	9007WU 9006W 9005	472"-749" (12.0-19.0m) 496"-786" (12.6-20.0m) 462"-732" (11.7-18.6m)	5.5 - 8.8 5.8 - 9.2 5.7 - 9.1	

## DUKANE CORP

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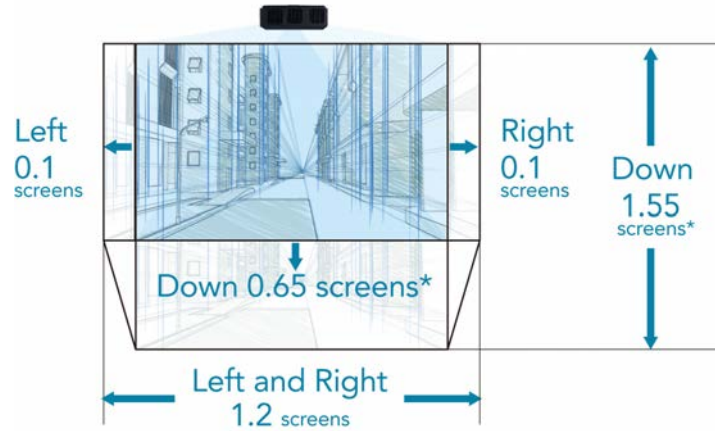
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## Lens Shift

Vertical or horizontal distance from the center of the projected image to the point where the lens axis intersects the screen. Illustrations below show the range of LENS SHIFT when the projector is installed upside down such as ceiling mount.



## 900 Series Lens Shift

		USL901	USL902	SD903X/SD903W	ML904	LL905	UL906
<b>9005</b>	Left/Right	0-10%	0-10%	0-10%	0-10%	0-10%	0-10%
	Down	0-50%	0-55%	0-55%	0-55%	0-55%	0-55%
<b>9006W</b>	Left/Right	0-10%	0-10%	0-10%	0-10%	0-10%	0-10%
	Down	0-55%	0-65%	0-65%	0-65%	0-65%	0-65%
<b>9007WU</b>	Left/Right	0-10%	0-10%	0-10%	0-10%	0-10%	0-10%
	Down	0-50%	0-60%	0-60%	0-60%	0-60%	0-60%

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