



**THE WORLD'S FINEST  
HOME THEATER PRODUCTS™**

# Throw Distance Information

## CURRENT RUNCO PRODUCTS

<b>Reflection™ DLP™ Series - (Mid-Bright)</b>			
<b>CL-410</b>	1.37 - 1.67 x screen width	projector front to bracket center = 6.958"	
<b>CL-510</b>	1.75 - 2.00 x screen width	projector front to bracket center = 4.563"	
<b>CL-510LT</b>	2.30 - 3.00 x screen width	projector front to bracket center = 4.563"	
<b>CL-610</b>	1.37 - 1.82 x screen width	projector front to bracket center = 6.706"	
<b>CL-610LT</b>	1.86 - 2.47 x screen width	projector front to bracket center = 6.706"	
<b>CL-810</b>	1.80 - 2.43 x screen width	projector front to bracket center = 8.117"	
<b>VX-1000d (ci, c)</b>	1.85 - 2.40 x screen width	(+ 9.90" to bracket center)	
<b>VX-4000d (ci, c)</b>		<b>Front of Proj. to Center of Mount</b>	<b>Lens diameter</b>
	1.20 - 1.40 x screen width	11.40"	4.25"
	1.42 - 1.77 x screen width	11.40"	4.25"
	1.80 - 2.35 x screen width	11.40"	4.25"
	2.40 - 3.60 x screen width	11.40"	4.25"
	3.60 - 5.60 x screen width	11.40"	4.25"
	*0.67:1 fixed lens x screen width (*rear screen applications only)	NA	NA
<b>VX-5000d (ci, c)</b>		( + 11.40" to bracket center + lens, varies)	
	1.57 - 1.95 x screen width	+12.89" = lens to center of bracket, 4.717" diameter	
	1.95 - 2.74 x screen width	+11.40" = lens to center of bracket, 5.472" diameter	
	2.76 - 4.85 x screen width	+12.10" = lens to center of bracket, 4.474" diameter	
	4.85 - 7.75 x screen width	+14.25" = lens to center of bracket, 4.724" diameter	
		*0.95:1 fixed lens x screen width (*rear screen applications only)	+16.48" = lens to center of bracket, 6.416" diameter

<b>Video Xtreme™ DLP™ Series - (Mid-Bright) 3-chip</b>	
<b>VX-2c</b>	1.20 - 1.40 x screen width
	1.42 - 1.77 x screen width
	1.80 - 2.35 x screen width
	2.40 - 3.60 x screen width
	3.60 - 5.60 x screen width
	*0.67:1 fixed lens x screen width (*short throw for rear screen applications only)

<b>Video Xtreme™ DLP™ Series - (High-Bright) Series</b>		
<b>VX-40d, VX-50d</b> 1280x720	1.65 – 1.95 x screen width	Option One Lens
	2.04 – 2.73 x screen width	Option Two Lens
	2.86 – 4.83 x screen width	Option Three Lens
	4.96 – 7.90 x screen width	Option Four Lens
	0.8:1 fixed lens x screen width	Option Five Lens
<b>VX-60d, VX-80d</b> 1400x788	1.48 – 1.75 x screen width	Option One Lens
	1.81 – 2.40 x screen width	Option Two Lens
	2.56 – 4.35 x screen width	Option Three Lens
	4.48 – 7.15 x screen width	Option Four Lens
	0.75:1 fixed lens x screen width	Option Five Lens



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## ARCHIVE RUNCO PRODUCTS

Video Xtreme™ DLP™ Series - (High-Bright) Series		
<b>VX-4c, VX-6c</b>		
720p	Zoom Option #1:	1.5 - 2.2 Min. to Max.
	Zoom Option #2:	2.2 - 4.0 Min. to Max.
	Zoom Option #3:	4.0 - 7.0 Min. to Max.
	Optional Fixed Lens:	0.8 fixed (*short throw for rear screen applications only)
960p w/ Anamorphic Lens	2.2 - 4.0:1 Lens w/Anamorphic Lens kit	1.65 - 3.01 Min. to Max.
	4.0 - 7.0:1 Lens w/Anamorphic Lens kit	3.01 - 5.26 Min. to Max.
1024p w/ Anamorphic Lens	2.2 - 4.0:1 Lens w/Anamorphic Lens kit	1.55 - 2.82 Min. to Max.
	4.0 - 7.0:1 Lens w/Anamorphic Lens kit	2.82 - 4.93 Min. to Max.
1024p (2.35:1) w/ Anamorphic Lens	2.2 - 4.0:1 Lens w/Anamorphic Lens kit	1.16 - 2.11 Min. to Max.
	4.0 - 7.0:1 Lens w/Anamorphic Lens kit	2.11 - 3.68 Min. to Max.

DLP Projectors		
<b>VX-3c, VX-5c</b>		
	Zoom Option #1:	1.5 - 2.2:1 Min. to Max.
	Zoom Option #2:	2.2 - 4.0:1 Min. to Max.
	Zoom Option #3:	4.0 - 7.0:1 Min. to Max.
	*Optional Fixed Lens:	0.8 fixed (*short throw for Rear Screen applications only)
<b>VX-3c, VX-5c w/ Anamorphic Lens</b>	2.2 - 4.0:1 Lens w/Anamorphic Lens kit:	1.7 - 2.8:1 Min. to Max.
	4.0 - 7.0:1 Lens w/Anamorphic Lens kit:	3.1 - 5.0:1 Min. to Max.
<b>VX-7, VX-3 Lens Options</b>	Option #1	Fixed 3.9:1
	Option #2	Fixed 5.5:1
	Option #3	Fixed 2.3:1
	Option #4	Fixed 1:1
	Option #5	Zoom 1.2 - 2.3
	Option #6	Zoom 2.3 - 5.5:1
	Option #7	Fixed 0.8:1 (*short throw for Rear Screen applications only)
	Option #8	Zoom 1.5 - 2.5:1
	Option #9	Zoom 2.5 - 4.0:1
	Option #10	Zoom 4.0 - 7.0:1
	All figures are multiplied by the width (Option #1 = Width x 3.9)	
<b>CL-500</b>		(projector front to bracket center = 4 17/32")
Widescreens:	Minimum: screen width x 1.61	Maximum screen width x 2.04
4x3 screens:	Maximum: screen width x 1.75	Maximum screen width x 2.20
<b>CL-700</b>		(projector front to bracket center = 4 17/32")
w/Standard Lens:	Minimum: screen width x 2.00	Maximum screen width x 2.40
w/Short Lens:	Minimum: screen width x 1.33	Maximum screen width x 1.60
<b>CL-710</b>	1.40 - 1.60 x screen width	projector front to bracket center = 4.563"
<b>CL-710LT</b>	1.85 - 2.40 x screen width	projector front to bracket center = 4.563"
<b>DR-300c, DR-300</b>		(+6.1" to bracket center)
	Minimum: screen width x 2.00	Maximum: screen width x 2.30
<b>VX-1cx</b>	Minimum: screen width x 1.45	Maximum: screen width x 2.00
<b>VX-101cx</b> w/Ana. Lens:	Minimum: screen width x 1.52	Maximum: screen width x 2.29
	Minimum: screen width x 1.20	Maximum: screen width x 1.50
<b>VX-1c</b> w/Ana. Lens:	Minimum: screen width x 2.00	Maximum: screen width x 2.37
	Minimum: screen width x 1.45	Maximum: screen width x 1.65
<b>VX-101c</b>	Minimum: screen width x 1.52	Maximum: screen width x 2.29
<b>VX-1</b>	Minimum: (screen width x 2.026) - 2.437 = C	



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	Maximum: C x 1.3		
<b>VX-101 Standalone</b>	Minimum: screen width x 1.71	Maximum: screen width x 2.56	
<b>DLP-100 Throw Distance Table</b>	<b>Screen Diagonal size (inches):</b>	<b>Minimum:</b>	<b>Maximum:</b>
	24	NA	47
	40	63	82
	60	94	124
	72	116	152
	80	128	165
	84	134	176
	100	158	207
	120	189	246
	200	322	419
300	484	NA	

<b>LCD Projector</b>		
<b>DLC-2000HD</b>		(+ 10.47" to bracket center)
	Standard Lens:	1.6 - 2.0 x screen width
	Optional (Short):	1.2 - 1.6 x screen width
	Optional (Long):	2.1 - 3.6 x screen width

<b>CRT Projectors</b>		
<b>DTV-1200</b>		(+20.70" to bracket center)
	Widescreens:	1.43 x screen width
	4:3 screens:	1.48 x screen width
<b>DTV-992 DTV-992 ULTRA</b>		(+17 1/2" to bracket center)
	Widescreens:	1.33 x screen width
	4:3 screens:	1.40 x screen width
<b>DTV-947, 940, 873 943, 863</b>		(+11 1/2" to bracket center)
	Widescreens:	1.33 x screen width
	4:3 screens:	1.40 x screen width
<b>DTV-1101, 1100 DTV-100</b>		(+20" to bracket center)
	Widescreens:	1.38 x width
	4:3 screens:	1.45 x width
<b>DTV-933, 930, 991</b>		(+12 1/2" to bracket center)
	Widescreens:	1.33 x width
	4:3 screens:	1.40 x width

<b>Note: HD-145 lenses were available as an option for the 980 series projectors; these lenses changed the throw distance: (Use also for the DTV-991 Ultra w/HD-8 lens)</b>		
	Widescreens:	1.40 x width
	4:3 screens:	1.50 x width
<b>IDP-900, 900A</b>	Widescreens:	1.40 x width
	4:3 screens:	1.50 x width
<b>IDP-800 w/ARC-IV</b>	Widescreens:	1.33 x width
<b>IDP-800</b>	4:3 screens:	1.50 x width
<b>IDP-980, DTV-950</b>	Widescreens:	1.33 x width
	4:3 screens:	1.40 x width
<b>CPD-770, DTV-852, IDP-850</b>		(+12" to bracket center)
	Widescreens:	1.19 x width
	4:3 screens:	1.30 x width
<b>CPD-760, 760W</b>	All screens:	1.5 x width
<b>CPD-750</b>	4:3 screens:	1.125 x width



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<b>LCP-500, 550</b>	All screens:	Zoom 1.57 - 2.24 diagonal
	4:3 screens:	1.3 x width