

# 700 Series Optional Lenses

For Installation Series Projectors

**HITACHI**  
Inspire the Next

Multiple lens options for greater installation flexibility.



Lens	FL-701	SL-702	SL-712	ML-703	ML-713	LL-704	UL-705	
<b>Zoom Ratio</b>	Fixed	x 1.5	x 1.5	x 2.0	x 1.7	x 1.7	x 1.7	
<b>F Number</b>	1.8	1.6 (Wide) - 2.0 (Tele)	1.6 (Wide) - 2.0 (Tele)	1.6 (Wide) - 2.9 (Tele)	1.6 (Wide) - 2.0 (Tele)	1.7 (Wide) - 2.0 (Tele)	1.7 (Wide) - 2.0 (Tele)	
<b>Focal Length</b>	13 mm	19 mm (Wide) - 29 mm (Tele)	19 mm (Wide) - 29 mm (Tele)	24 mm (Wide) - 48 mm (Tele)	24 mm (Wide) - 47 mm (Tele)	46 mm (Wide) - 79 mm (Tele)	77 mm (Wide) - 133 mm (Tele)	
<b>Dimensions (W x H x L)</b>	5.8" x 4.4" x 7.4"	5.8" x 4.4" x 7.0"	5.8" x 4.4" x 7.0"	5.8" x 4.4" x 7.0"	5.8" x 4.4" x 7.8"	5.8" x 4.4" x 8.7"	5.8" x 4.4" x 8.4"	
<b>Weight</b>	2.6 lbs.	1.8 lbs.	1.8 lbs.	2.2 lbs.	2.2 lbs.	3.5 lbs.	3.7 lbs.	
<b>Supplied Accessories</b>	User's manual, lens cap	User's manual, lens cap	User's manual, lens cap	User's manual, lens cap	User's manual, lens cap	User's manual, lens cap	User's manual, lens cap	
<b>Image Size</b>	30" - 600"	30" - 600"	30" - 600"	30" - 600"	30" - 600"	30" - 600"	30" - 600"	
<b>Lens Shift Position</b>								
Vertical	CP-WU8700B/W CP-WU8600W CP-WX8750B/W CP-WX8650W CP-X8800B/W	1 : 1	-	10 : 0 - 1 : 1	-	10 : 1 - 1 : 1	10 : 0 - 1 : 1	10 : 0 - 1 : 1
	CP-X8150 CP-WX8240A	1 : 1	9 : -1 - 1 : 1	9 : -1 - 1 : 1	9 : -1 - 1 : 1	9 : -1 - 1 : 1	9 : -1 - 1 : 1	9 : -1 - 1 : 1
	CP-X8160 CP-X8170 CP-SX8350	1 : 1	5 : -1 - 1 : 1	5 : -1 - 1 : 1	5 : -1 - 1 : 1	5 : -1 - 1 : 1	5 : -1 - 1 : 1	5 : -1 - 1 : 1
	CP-X8160 CP-X8170 CP-SX8350	1 : 1	9 : 1 - 1 : 1	9 : 1 - 1 : 1	10 : 0 - 1 : 1	10 : 1 - 1 : 1	9 : 1 - 1 : 1	9 : 1 - 1 : 1
	CP-WX8255A CP-WU8440 CP-WU8450 CP-WU8451 CP-WU8460 CP-WU8461 CP-WX8265	1 : 1	10 : 0 - 1 : 1	10 : 0 - 1 : 1	10 : -1 - 1 : 1	10 : -1 - 1 : 1	10 : 0 - 1 : 1	10 : 0 - 1 : 1
	CP-WU8700B/W CP-WU8600W CP-WX8750B/W CP-WX8650W CP-X8800B/W	1 : 1	-	6 : 4 - 4 : 6	-	6 : 4 - 4 : 6	6 : 4 - 4 : 6	6 : 4 - 4 : 6
	CP-X8150 CP-WX8240A	1 : 1	10 : 0 - 0 : 10	10 : 0 - 0 : 10	10 : 0 - 0 : 10	10 : 0 - 0 : 10	10 : 0 - 0 : 10	10 : 0 - 0 : 10
	CP-X8160 CP-X8170 CP-SX8350 CP-WX8255A CP-WU8440 CP-WU8450 CP-WU8451 CP-WU8460 CP-WU8461 CP-WX8265	1 : 1	6 : 4 - 4 : 6	6 : 4 - 4 : 6	6 : 4 - 4 : 6	6 : 4 - 4 : 6	6 : 4 - 4 : 6	6 : 4 - 4 : 6

1.800.HITACHI

dmd.info@hal.hitachi.com


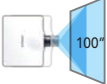

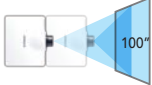

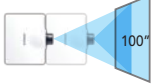








hitachi-america.us/projectors



# 700 Series Optional Lenses

For Installation Series Projectors

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

Lens type	Projector	Projection distance for 100" screen (Full screen) (Projector's front panel to screen)	Throw ratio	Projection distances for optional lenses when projecting onto a 100" screen (Full screen)	
<b>FL-701</b> Fixed short throw lens Zoom: Fixed		CP-X8800W, CP-X8800B	1.7m (67")	0.8	
		CP-WX8750W, CP-WX8750B, CP-WX8650W	1.8m (71")	0.8	
		CP-WU8700W, CP-X8700B, CP-WU8600W	1.8m (69")	0.8	
		CP-X8170, CP-X8160	1.7m (67")	0.8	
		CP-WX8265, CP-WX8255A	1.8m (71")	0.8	
		CP-WU8460, CP-WU8461, CP-WU8450, CP-WU8451, CP-WU8440	1.8m (69")	0.8	
		CP-SX8350	1.7m (66")	0.8	
		CP-X8150	2.1m (83")	1.0	
CP-WX8240A	2.2m (88")	1.0			
<b>SL-702</b> <sup>*1</sup> Short throw lens Zoom: x1.5		CP-X8170, CP-X8160	2.5 - 3.7m (97" - 145")	1.2 - 1.8	
		CP-WX8265, CP-WX8255A	2.6 - 3.9m (102" - 154")	1.2 - 1.8	
		CP-WU8460, CP-WU8461, CP-WU8450, CP-WU8451, CP-WU8440	2.5 - 3.8m (100" - 151")	1.2 - 1.8	
		CP-SX8350	2.4 - 3.7m (96" - 144")	1.2 - 1.8	
		CP-X8150	3.1 - 4.6m (120" - 181")	1.5 - 2.2	
		CP-WX8240A	3.2 - 4.9m (127" - 192")	1.5 - 2.2	
<b>SL-712</b> Short throw lens Zoom: x1.5		CP-X8800W, CP-X8800B	2.5 - 3.7m (97" - 146")	1.2 - 1.8	
		CP-WX8750W, CP-WX8750B, CP-WX8650W	2.6 - 3.9m (102" - 154")	1.2 - 1.8	
		CP-WU8700W, CP-WU8700B, CP-WU8600W	2.5 - 3.8m (100" - 151")	1.2 - 1.8	
		CP-X8170, CP-X8160	2.5 - 3.7m (97" - 145")	1.2 - 1.8	
		CP-WX8265, CP-WX8255A	2.6 - 3.9m (102" - 154")	1.2 - 1.8	
		CP-WU8460, CP-WU8461, CP-WU8450, CP-WU8451, CP-WU8440	2.5 - 3.8m (100" - 151")	1.2 - 1.8	
		CP-SX8350	2.4 - 3.7m (96" - 144")	1.2 - 1.8	
		CP-X8150	3.1 - 4.6m (120" - 181")	1.5 - 2.2	
CP-WX8240A	3.2 - 4.9m (127" - 192")	1.5 - 2.2			
<b>ML-703</b> <sup>*2</sup> Middle throw lens Zoom: x2.0		CP-X8170, CP-X8160	3.1 - 6.2m (122" - 242")	1.5 - 3.0	
		CP-WX8265, CP-WX8255A	3.3 - 6.5m (129" - 257")	1.5 - 3.0	
		CP-WU8460, CP-WU8461, CP-WU8450, CP-WU8451, CP-WU8440	3.2 - 6.4m (127" - 252")	1.5 - 3.0	
		CP-SX8350	3.1 - 6.1m (121" - 241")	1.5 - 3.0	
		CP-X8150	3.9 - 7.7m (153" - 303")	1.9 - 3.8	
		CP-WX8240A	4.1 - 8.1m (162" - 321")	1.9 - 3.8	
<b>ML-713</b> Middle throw lens Zoom: x1.7		CP-X8800W, CP-X8800B	3.6 - 6.1m (142" - 240")	1.7 - 3.0	
		CP-WX8750W, CP-WX8750B, CP-WX8650W	3.8 - 6.4m (149" - 252")	1.7 - 3.0	
		CP-WU8700W, CP-WU8700B, CP-WU8600W	3.7 - 6.3m (146" - 248")	1.7 - 3.0	
		CP-X8170, CP-X8160	3.6 - 6.1m (141" - 239")	1.7 - 3.0	
		CP-WX8265, CP-WX8255A	3.8 - 6.4m (148" - 251")	1.7 - 3.0	
		CP-WU8460, CP-WU8461, CP-WU8450, CP-WU8451, CP-WU8440	3.7 - 6.3m (146" - 248")	1.7 - 3.0	
		CP-SX8350	3.6 - 6.0m (140" - 237")	1.7 - 3.0	
		CP-X8150	4.5 - 7.6m (176" - 298")	2.2 - 3.7	
CP-WX8240A	4.7 - 8.0m (186" - 315")	2.2 - 3.7			
<b>LL-704</b> Long throw lens Zoom: x1.7		CP-X8800W, CP-X8800B	5.9 - 10.0m (232" - 395")	2.8 - 4.9	
		CP-WX8750W, CP-WX8750B, CP-WX8650W	6.2 - 10.5m (244" - 415")	2.8 - 4.9	
		CP-WU8700W, CP-WU8700B, CP-WU8600W	6.1 - 10.3m (240" - 407")	2.8 - 4.9	
		CP-X8170, CP-X8160	5.9 - 10.0m (231" - 392")	2.8 - 4.9	
		CP-WX8265, CP-WX8255A	6.2 - 10.5m (244" - 415")	2.8 - 4.9	
		CP-WU8460, CP-WU8461, CP-WU8450, CP-WU8451, CP-WU8440	6.1 - 10.3m (240" - 407")	2.8 - 4.9	
		CP-SX8350	5.8 - 9.9m (229" - 389")	2.8 - 4.9	
		CP-X8150	7.3 - 12.4m (288" - 490")	3.6 - 6.1	
CP-WX8240A	7.8 - 13.2m (305" - 520")	3.6 - 6.1			
<b>UL-705</b> Ultra long throw lens Zoom: x1.7		CP-X8800W, CP-X8800B	10.0 - 17.0m (395" - 671")	4.9 - 8.3	
		CP-WX8750W, CP-WX8750B, CP-WX8650W	10.5 - 17.9m (415" - 705")	4.9 - 8.3	
		CP-WU8700W, CP-WU8700B, CP-WU8600W	10.3 - 17.6m (407" - 691")	4.9 - 8.3	
		CP-X8170, CP-X8160	10.0 - 16.9m (393" - 667")	4.9 - 8.3	
		CP-WX8265, CP-WX8255A	10.5 - 17.9m (415" - 705")	4.9 - 8.3	
		CP-WU8460, CP-WU8461, CP-WU8450, CP-WU8451, CP-WU8440	10.3 - 17.6m (407" - 691")	4.9 - 8.3	
		CP-SX8350	9.9 - 16.8m (390" - 662")	4.9 - 8.3	
		CP-X8150	12.4 - 21.1m (487" - 830")	6.0 - 10.3	
CP-WX8240A	13.1 - 22.3m (516" - 879")	6.0 - 10.3			

\*1 SL-702 comes standard on the CP-SX8350 / CP-X8150 / CP-WX8240A.

\*2 ML-703 comes standard on the CP-X8170 / CP-X8160 / CP-WU8460 / CP-WU8461 / CP-WU8450 / CP-WU8451 / CP-WU8440 / CP-WX8265 / CP-WX8255A.

# 700 Series Lenses