

# F series

Compatible lens ranges and throw ratio



FLD lenses (optimized for WUXGA resolution)			F70 W series	F70 4K series	F80 series	F90 W series	F90 4K series
R9801218	FLD 0.74:1	EN12	0.74	x	x	0.74	x
R9801225	FLD 1.16:1	EN15	1.16	x	x	1.16	x
R9801228	FLD 1.24 - 1.6:1	EN13	1.24 - 1.60	x	x	1.24 - 1.60	x
R9801214	FLD 1.6 - 2.32:1	EN11	1.60 - 2.32	x	x	1.60 - 2.32	x
R9801209	FLD 2.37 - 3.79:1	EN14	2.37 - 3.79	x	x	2.37 - 3.79	x
R9801249	FLD 3.8 - 6.5:1	EN16	3.80 - 6.50	4.07 - 6.95	5.37 - 9.19	3.80 - 6.50	4.07 - 6.95
R9802237	FLD 6.5 - 9.01:1	EN69	6.50 - 9.01	6.97 - 9.66	9.19 - 12.73	6.50 - 9.01	6.97 - 9.66
FLD+ lenses (optimized for WQXGA resolution)			F70 W series	F70 4K series	F80 series	F90 W series	F90 4K series
R9802232	FLD+ 0.28:1	EN68	0.28	0.30	x	0.28	0.30
R9801295	FLD+ 0.65:1	EN47	0.61	0.65	0.85	0.61	0.65
R9801226	FLD+ 0.80:1	EN42	0.75	0.80	1.06	0.75	0.80
R9801220	FLD+ Long focus 0.80 - 1.21:1 (optical performance 5 - 30m)	EN45	0.75 - 1.13	0.80 - 1.21	1.06 - 1.60	0.75 - 1.13	0.80 - 1.21
R9801211	FLD+ 2.50 - 4.60:1	EN44	2.33 - 4.30	2.50 - 4.60	3.30 - 6.08	2.33 - 4.30	2.50 - 4.60
FLDX lenses (optimized for WQXGA resolution, with encoder)			F70 W series	F70 4K series	F80 series	F90 W series	F90 4K series
R9801832	FLDX 0.38:1 UST 90°		0.38	0.41	0.54	0.38	0.41
R9802010	FLDX 0.80:1	EN62	0.75	0.80	1.06	0.75	0.80
R9802244	FLDX 0.65:1	EN67	0.61	0.65	0.85	0.61	0.65
R9802243	FLDX Short focus 0.80 - 1.21:1 (PD = 0.7 - 7m)	EN66	0.75 - 1.13	0.80 - 1.21	1.06 - 1.60	0.75 - 1.13	0.80 - 1.21
R9802242	FLDX 1.20 - 1.70:1	EN63	1.12 - 1.58	1.20 - 1.70	1.59 - 2.24	1.12 - 1.58	1.20 - 1.70
R9802241	FLDX 1.7 - 2.5:1	EN61	1.58 - 2.33	1.70 - 2.50	2.25 - 3.30	1.58 - 2.33	1.70 - 2.50
GLD Lenses			F70-W series	F70-4K series	F80 series	F90-W series	F90-4K series
R98017241	GLD 0.85-1.06:1		x	x	0.80 - 1.00	x	x
R98017221	GLD 1.06-1.43:1		x	x	1.00 - 1.35	x	x
R98017191	GLD 1.43-2.12:1 Non Motorized		x	x	1.35 - 2.00	x	x
R98017201	GLD 1.43-2.12:1		x	x	1.35 - 2.00	x	x
R98017211	GLD 2.12-3.18:1		x	x	2.00 - 3.00	x	x

x = not applicable for these versions

# G series

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G lenses		G60 series
R9801785	G 0.36:1 UST	0.36
R9802300	G 0.65 - 0.75:1	0.65 - 0.75
R9801840	G 0.75 - 0.95:1	0.75 - 0.95
R9832755	G 0.95 - 1.22:1	0.95 - 1.22
R9801784	G 1.22 - 1.53:1	1.22 - 1.53
R9832756	G 1.52 - 2.92:1	1.52 - 2.92
R9832778	G 2.90 - 5.50:1	2.90 - 5.50



# UDM & UDX series

Compatible lenses and throw ratio



TLD+ lenses		UDM W series	UDM 4K Series	UDX W series	UDX U series	UDX 4K Series
R9801661	TLD+ 0.38:1 (video lens)	0.39	0.42	0.39	0.47	0.42
R9862001	TLD+ 0.65 - 0.85:1 (video lens)	0.67 - 0.88	0.71 - 0.93	0.67 - 0.88	0.8 - 1.05	0.71 - 0.93
R9862000	TLD+ 0.73:1	0.67	x	0.67	0.8	x
R9801414	TLD+ 0.8 - 1.16:1	0.6 - 1.25	0.93 - 1.33	0.6 - 1.25	1.04 - 1.49	0.93 - 1.33
R9862005	TLD+ 1.25 - 1.6:1	1.17 - 1.5	1.25 - 1.6	1.17 - 1.5	1.4 - 1.8	1.25 - 1.6
R9862010	TLD+ 1.5 - 2.0:1	1.39 - 1.89	1.49 - 2.03	1.39 - 1.89	1.78 - 2.27	1.49 - 2.03
R9862020	TLD+ 2.0 - 2.8:1	1.89 - 2.55	2.02 - 2.73	1.89 - 2.55	2.26 - 3.06	2.02 - 2.73
R9862030	TLD+ 2.8 - 4.5 :1	2.56 - 4.13	2.74 - 4.43	2.56 - 4.13	3.07 - 4.96	2.74 - 4.43
R9862040	TLD+ 4.5 - 7.5:1	4.12 - 6.97	4.42 - 7.46	4.12 - 6.97	4.94 - 8.36	4.42 - 7.46
R9829997	TLD+ 7.5 - 11.2:1	6.92 - 10.21	7.41 - 11.03	6.92 - 10.21	8.32 - 12.35	7.41 - 11.03

x = not applicable for 4K UHD version

# XDL series

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High brightness lenses	XDL series
R9852945	XLD 0.72:1
R9852950	XLD 1.01:1
R9856506	XLD 1.13 - 1.72:1
R9856527	XLD 1.46 - 2.10:1
R9856529	XLD 2.00 - 3.35:1
R9855947	XLD 2.53 - 4.98:1
R9852920	XLD 4.98 - 7.68:1

High contrast lenses	XDL series
R98565062	HC 1.13 - 1.72:1
R98565272	HC 1.46 - 2.10:1
R98565292	HC 2.00 - 3.35:1
R98559472	HC 2.53 - 4.98:1

Find the ideal lens for your projector setup in just a few clicks with our online lens calculator:  
[www.lenscalculator.barco.com](http://www.lenscalculator.barco.com)

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M00939-R02-1120-LC November 2020

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