

F series

Compatible lens ranges and throw ratio

FLC lenses (optimized for native 4K resolution)			FL40 W series	FL40 4K series	F70 W series	F70 4K series	F80 Q & 4K series*	F400-HR (native 4K)
R9867889	FLC 1.1 – 1.61:1	EN83	x	x	x	x	x	1.10 – 1.61
FLD+ lenses (optimized for WQXGA resolution)			FL40 W series	FL40 4K series	F70 W series	F70 4K series	F80 Q & 4K series*	F400-HR (native 4K)**
R9802232	FLD+ 0.28:1	EN68	0.28	0.30	0.28	0.30	x	x
R9801220	FLD+ Long focus 0.80 - 1.21:1 (optical performance 5 - 30m)	EN45	0.75-1.13	0.80-1.21	0.75 - 1.13	0.80 - 1.21	1.06 - 1.60	0.70-1.06
R9801211	FLD+ 2.50 - 4.60:1	EN44	2.33 - 4.30	2.50 - 4.60	2.33 - 4.30	2.50 - 4.60	3.30 - 6.08	x
FLDX lenses (optimized for WQXGA resolution, with encoder)			FL40 W series	FL40 4K series	F70 W series	F70 4K series	F80 Q & 4K series*	F400-HR (native 4K)**
R9801832	FLDX 0.38:1 UST 90°		0.38	0.41	0.38	0.41	0.54	x
R9802244	FLDX 0.65:1	EN67	0.57	0.61	0.61	0.65	0.85	0.53
R9802010	FLDX 0.80:1	EN62	0.75	0.80	0.75	0.80	1.06	0.70
R9802243	FLDX Short focus 0.80 - 1.21:1 (PD = 0.7 - 7m)	EN66	0.75 - 1.13	0.80 - 1.21	0.75 - 1.13	0.80 - 1.21	1.06 - 1.60	0.71 - 1.06
R9802003	FLDX 0.95 - 1.3:1	EN76	0.89 - 1.21	0.95 - 1.30	0.89 - 1.21	0.95 - 1.30	1.25 - 1.72	0.83-1.14
R9802242	FLDX 1.20 - 1.70:1	EN63	1.13 - 1.60	1.20 - 1.70	1.12 - 1.58	1.20 - 1.70	1.59 - 2.24	1.06 - 1.50
R9802241	FLDX 1.7 - 2.5:1	EN61	1.58 - 2.33	1.70 - 2.50	1.58 - 2.33	1.70 - 2.50	2.25 - 3.30	1.48 - 2.18
R9802473	FLDX 2.5 - 4.6	EN64	2.33 - 4.32	2.50 - 4.63	2.33 - 4.32	2.50 - 4.63	3.30 - 6.08	2.19 - 4.05
FLD lenses (optimized for WQXGA resolution)			FL40 W series	FL40 4K series	F70 W series	F70 4K series	F80 Q & 4K series*	F400-HR (native 4K)**
R9802237	FLD 6.5 - 9.01 : 1	EN69	x	x	6.49-8.99	6.95-9.63	9.19-12.73	x
GLD Lenses			FL40 W series	FL40 4K series	F70 W series	F70 4K series	F80 Q & 4K series	F400-HR (native 4K)
R9409803	GLD 0.37 - 0.41 UST 90°		x	x	x	x	0.37-0.41	x
R98017241	GLD 0.85 - 1.06:1		x	x	x	x	0.80 - 1.00	x
R98017221	GLD 1.06 - 1.43:1		x	x	x	x	1.00 - 1.35	x
R98017191	GLD 1.43 - 2.12:1 Non Motorized		x	x	x	x	1.35 - 2.00	x
R98017201	GLD 1.43 - 2.12:1		x	x	x	x	1.35 - 2.00	x
R98017211	GLD 2.12 - 3.18:1		x	x	x	x	2.00 - 3.00	x

* Requires the use of an R98014421 lens adapter
 ** Requires the use of individual F400-lens adapters.
 Check www.barco.com for more info

x = not applicable for these versions

G series

Compatible lenses and throw ratio

G lenses	G60 & G62 series
R9801785	G 0.36:1 UST
R9409750	GLD 0.37 - 0.4:1 UST 90°
R9802300	G 0.65 - 0.75:1
R9801840	G 0.75 - 0.95:1
R9832755	G 0.95 - 1.22:1
R9801784	G 1.22 - 1.53:1
R9832756	G 1.52 - 2.92:1
R9832778	G 2.90 - 5.50:1

GC lenses	G100 series
R9801832	FLDX 0.38:1 UST 90°
R9802188	GC 0.65 – 0.75:1
R9802181	GC 0.84 – 1.02:1
R9802182	GC 1.02 – 1.36:1
R9802183	GC 1.20 – 1.50:1
R9802184	GC 1.50 – 2.00:1
R9802185	GC 2.00 – 4.00:1
R9802186	GC 4.00 – 7.20:1
R9802187	GC 7.20 – 10.80:1

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	0.86 - 1.25	0.93 - 1.33	0.86 - 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

XDM, XDX & XDL series

Compatible lenses and throw ratio

High brightness lenses		XDM-4K25 ¹	XDX-4K40	XDL series	TLD+ lenses		XDM-4K25 ²
R9802580	XLD 0.38:1 UST 90°	x	0.38	x	R9801661	TLD+ 0.38:1	0.38
R9852945	XLD 0.72:1	1.02	0.73	0.72	R9862001	TLD+ 0.65 - 0.85:1	0.64 - 0.82
R9852950	XLD 1.01:1	1.27	0.91	1.01	R9801414	TLD+ 0.8 - 1.16:1	0.80 - 1.16
R9856506	4K: 1.13 - 1.72:1	1.59 - 2.42	1.13 - 1.72	x	R9862005	TLD+ 1.25 - 1.6:1	1.09 - 1.40
R9856527	4K: 1.46 - 2.10:1	2.06 - 2.96	1.46 - 2.10	x	R9862010	TLD+ 1.5 - 2.0:1	1.30 - 1.75
R9856529	4K: 2.00 - 3.35:1	2.82 - 4.72	2.00 - 3.35	x	R9862020	TLD+ 2.0 - 2.8:1	1.75 - 2.40
R9855947	4K: 2.53 - 4.98:1	3.56 - 7.01	2.53 - 4.98	x	R9862030	TLD+ 2.8 - 4.5 :1	2.40 - 3.91
R9852920	XLD 4.98 - 7.68:1	6.97 - 10.77	4.98 - 7.69	4.98 - 7.68	R9862040	TLD+ 4.5 - 7.5:1	3.91 - 6.52
					R9829997	TLD+ 7.5 - 11.2:1	6.50 - 9.66

x = not applicable for these versions

¹ only compatible with the B-series lens holder

² only compatible with the C-series lens holder

Find the ideal lens for your projector setup in just a few clicks with our online lens calculator:

www.lenscalculator.barco.com

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