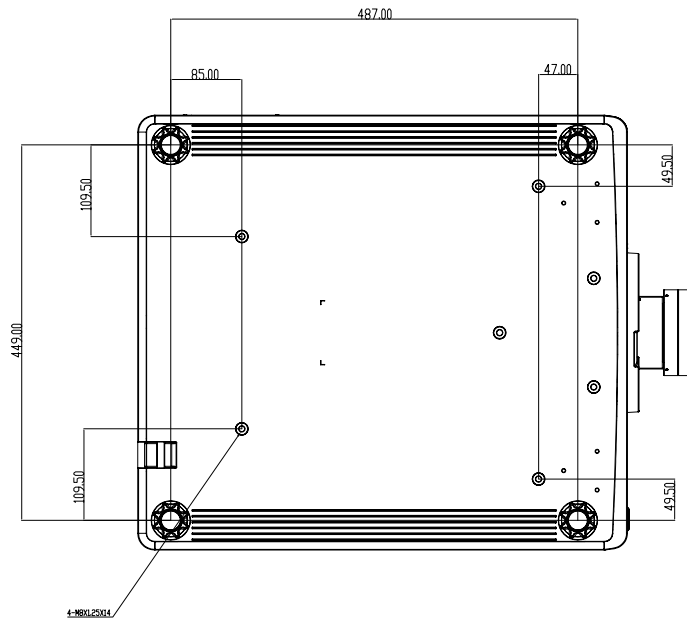
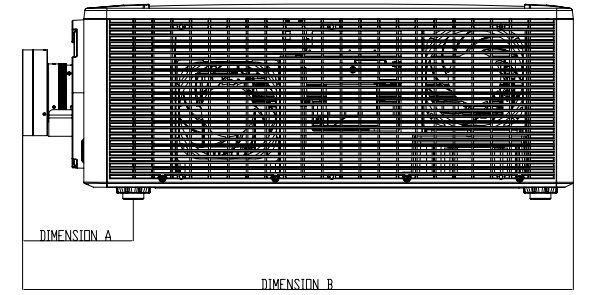
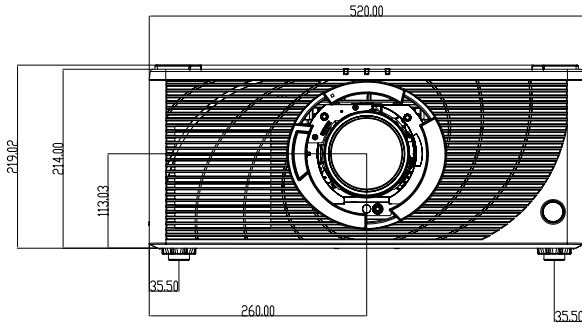
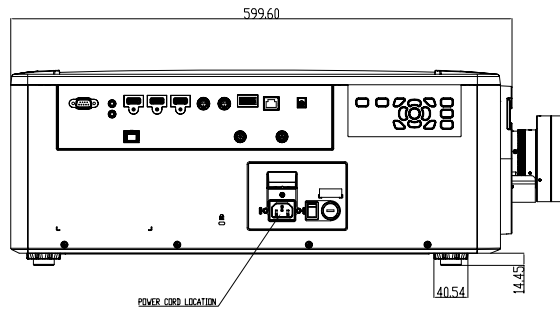
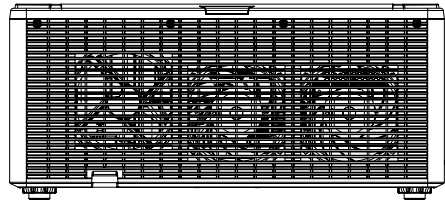
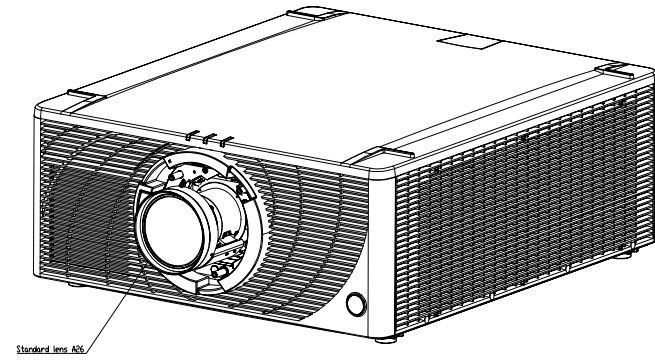
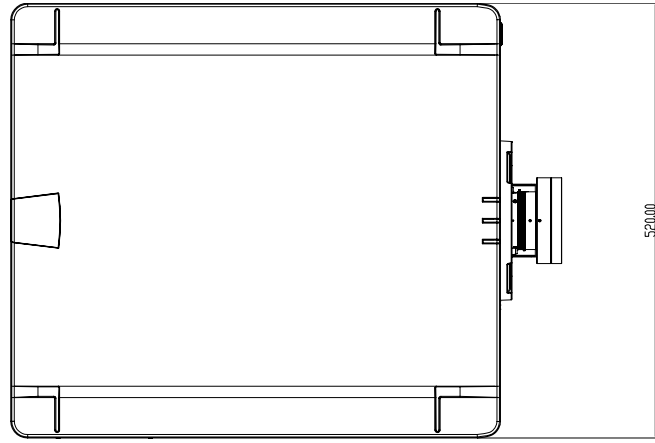


K SERIES LENSES

A20 / A21 / A22 / A23 / A25 / A26
for ZK750 & ZK1050



Choose the ideal lens for your environment from a wide range of easily interchangeable options. These maximise quality and versatility and enable big-screen image projection in any space.



K SERIES LENSES

A20 / A21 / A22 / A23 / A25 / A26

Technical specifications

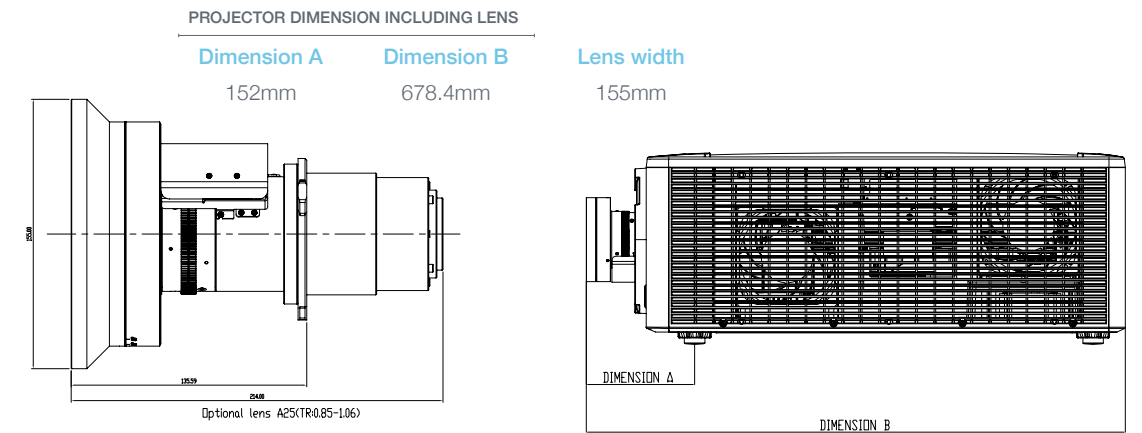


PROJECTION LENS	A25	A26	A20	A21	A22	A23
Throw Ratio	0.85 ~ 1.02	1.2 ~ 1.73	1.7 ~ 2.12	2.12 ~ 2.83	2.83 ~ 5.66	5.66 ~ 10.18
Zoom	1.2x	1.44x	1.25x	1.33x	2x	1.8x
Throw Distance (m)	1.47 ~ 11.41	2.09 ~ 19.57	2.97 ~ 24.08	3.75 ~ 31.62	5.05 ~ 61.71	10.05 ~ 111.86
Lens shift	see user manual for details					
Aperture	2.5 ~ 2.67	2 ~ 2.6	2.18 ~ 2.56	2 ~ 2.24	2.22 ~ 2.75	2.23 ~ 2.6
Focal length (mm)	12.83 ~ 15.36	18.04 ~ 26.02	25.5 ~ 31.8	31.8 ~ 42.1	42.4 ~ 84.5	84.1 ~ 149.8

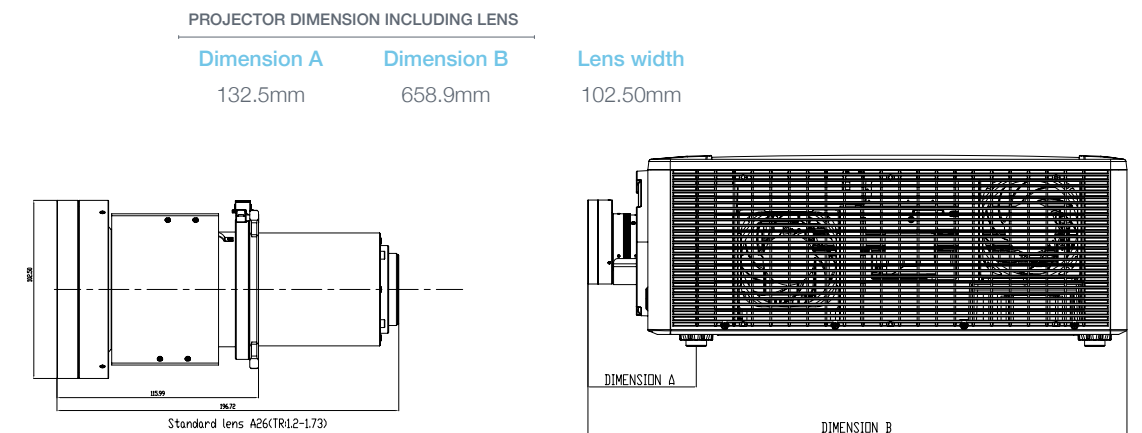
DIAGONAL (inches)	HEIGHT (m)	WIDTH (m)	A25 (Distance)	A26 (Min/Max)	A20 (Min/Max)	A21 (Min/Max)	A22 (Min/Max)	A23 (Min/Max)
80	1	1.77	1.47 ~ 1.79	2.09 ~ 3.08	2.97 ~ 3.75	3.75 ~ 5.01	5.05 ~ 9.96	10.05 ~ 17.99
90	1.12	1.99	1.67 ~ 2.02	2.36 ~ 3.47	3.36 ~ 4.24	4.23 ~ 5.64	5.66 ~ 11.19	11.29 ~ 20.23
100	1.25	2.21	1.86 ~ 2.25	2.63 ~ 3.86	3.75 ~ 4.72	4.7 ~ 6.27	6.27 ~ 12.42	12.53 ~ 22.46
110	1.37	2.44	2.05 ~ 2.48	2.9 ~ 4.25	4.14 ~ 5.21	5.18 ~ 6.91	6.87 ~ 13.65	13.76 ~ 24.7
120	1.49	2.66	2.24 ~ 2.71	3.17 ~ 4.65	4.53 ~ 5.69	5.66 ~ 7.54	7.48 ~ 14.89	15 ~ 26.93
130	1.62	2.88	2.44 ~ 2.94	3.44 ~ 5.04	4.91 ~ 6.17	6.13 ~ 8.17	8.09 ~ 16.12	16.24 ~ 29.17
140	1.74	3.1	2.63 ~ 3.17	3.71 ~ 5.43	5.3 ~ 6.66	6.61 ~ 8.81	8.7 ~ 17.35	17.47 ~ 31.4
150	1.87	3.32	2.82 ~ 3.39	3.98 ~ 5.82	5.69 ~ 7.14	7.09 ~ 9.44	9.31 ~ 18.58	18.71 ~ 33.63
160	1.99	3.54	3.01 ~ 3.62	4.25 ~ 6.22	6.08 ~ 7.62	7.56 ~ 10.08	9.92 ~ 19.81	19.95 ~ 35.87
170	2.12	3.76	3.21 ~ 3.85	4.52 ~ 6.61	6.47 ~ 8.11	8.04 ~ 10.71	10.53 ~ 21.05	21.18 ~ 38.1
180	2.24	3.98	3.4 ~ 4.08	4.79 ~ 7	6.85 ~ 8.59	8.52 ~ 11.34	11.14 ~ 22.28	22.42 ~ 40.34
190	2.37	4.21	3.59 ~ 4.31	5.06 ~ 7.4	7.24 ~ 9.08	8.99 ~ 11.98	11.75 ~ 23.51	23.66 ~ 42.57
200	2.49	4.43	3.79 ~ 4.54	5.33 ~ 7.79	7.63 ~ 9.56	9.47 ~ 12.61	12.35 ~ 24.74	24.89 ~ 44.81
250	3.11	5.53	4.75 ~ 5.69	6.69 ~ 9.75	9.57 ~ 11.98	11.85 ~ 15.78	15.4 ~ 30.9	31.08 ~ 55.98
300	3.74	6.64	5.71 ~ 6.83	8.04 ~ 11.72	11.51 ~ 14.4	14.24 ~ 18.94	18.44 ~ 37.07	37.26 ~ 67.16
350	4.36	7.75	6.67 ~ 7.98	9.39 ~ 13.68	13.45 ~ 16.82	16.62 ~ 22.11	21.49 ~ 43.23	43.44 ~ 78.33
400	4.98	8.86	7.64 ~ 9.12	10.74 ~ 15.64	15.39 ~ 19.24	19 ~ 25.28	24.53 ~ 49.39	49.62 ~ 89.51
450	5.6	9.96	8.6 ~ 10.27	12.09 ~ 17.61	17.33 ~ 21.66	21.39 ~ 28.45	27.58 ~ 55.55	55.81 ~ 100.68
500	6.23	11.07	9.56 ~ 11.41	13.44 ~ 19.57	19.27 ~ 24.08	23.77 ~ 31.62	30.62 ~ 61.71	61.99 ~ 111.86

Lens technical drawings

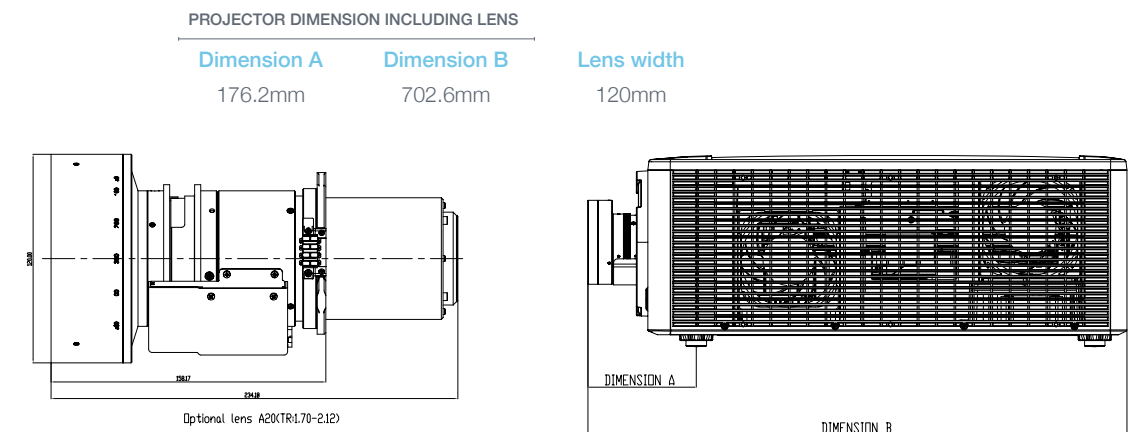
A25



A26



A20



K SERIES LENSES

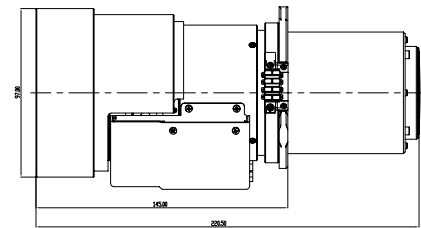
A20 / A21 / A22 / A23 / A25 / A26

Lens technical drawings

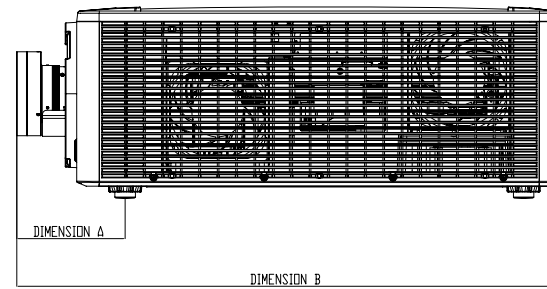
A21

PROJECTOR DIMENSION INCLUDING LENS

Dimension A	Dimension B	Lens width
161.4mm	687.8mm	97mm



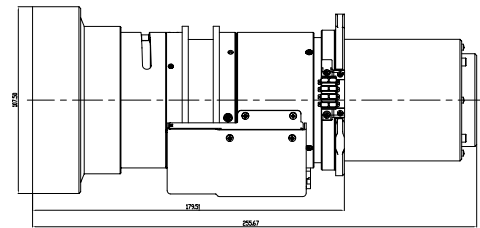
Optional lens A21(TR2.12-2.83)



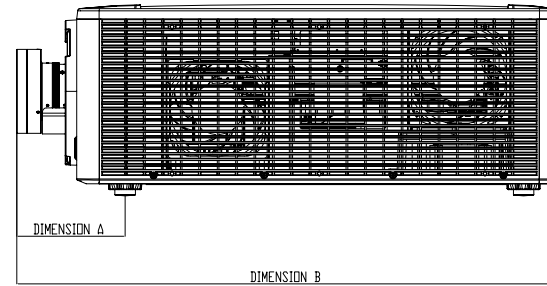
A22

PROJECTOR DIMENSION INCLUDING LENS

Dimension A	Dimension B	Lens width
196mm	722.4mm	107.5mm



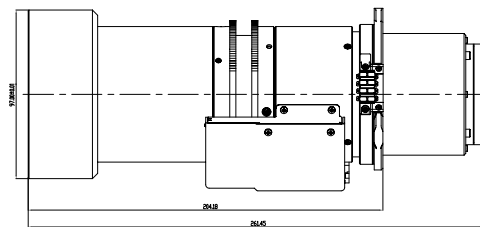
Optional lens A22(TR2.83-5.66)



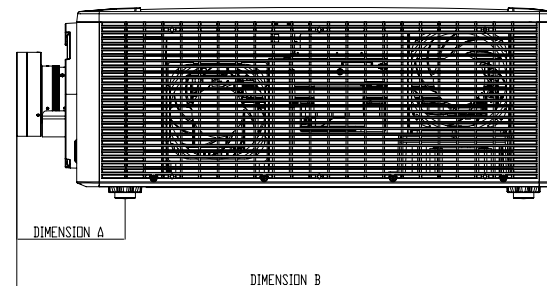
A23

PROJECTOR DIMENSION INCLUDING LENS

Dimension A	Dimension B	Lens width
220.6mm	747mm	97mm



Optional lens A23(TR5.66-10.18)



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