

PROJECTOR LENSES (PA/PV SERIES)

Specifications



Model	NP12ZL	NP13ZL	NP30ZL	NP40ZL	NP41ZL
Order Code	60003220	60003217	100013349	100014472	100014473
Zoom/Focus	manual	manual	manual	motorised	motorised
Aperture	2.2 - 2.69	1.7 - 2.37	1.9 - 2.1	2.0 - 2.5	1.7 - 2.0
Focal Range [mm]	19.4 - 25.3	24.4 - 48.6	13.2 - 17.2	13.3 - 18.6	21.8 - 49.8
Projection Ratio	1.19 - 1.56	1.50 - 3.02	0.79 - 1.04	0.79 - 1.11	1.3 - 3.02
Zoom Ratio	1.3	2.0	1.3	1.4	2.3
Screen Size [inch]	30 - 500	40 - 500	50 - 500	50 - 500	50 - 500
Projection Distance [m]	0.7 - 16.5	1.2 - 31.9	0.8 - 11.1	20.8 - 12.0	1.4 - 32.6
Shift Area	+10/-50%V / ±20%H	+10/-50%V / ±20%H	+10/-50%V / ±20%H	+10/-50%V / ±20%H	+10/-50%V / ±20%H
Weight [kg]	1.2	0.84	1.14	1.63	1.75
Compatible Projectors	PA3, PA4, PV series	PA3, PA4, PV series	PA3, PV series	PA3, PA4, PV series	PA3, PA4, PV series



Model	NP43ZL	NP44ML	NP44ML-PA4	NP50ZL	NP51ZL
Order Code	100014645	100015167	100015549	100015855	100016132
Zoom/Focus	motorised	motorised focus	motorised focus	motorised	motorised
Aperture	2.2 - 2.6	2.0	2.0	1.9 - 2.1	1.94 - 2.20
Focal Range [mm]	49.7 - 99.8	6.27	6.27	10.2 - 12.8	12.0 - 14.6
Projection Ratio	2.99 - 5.93	0.32	0.32	0.6 - 0.75	0.53 - 0.65
Zoom Ratio	2.0	-	-	1.25	1.23
Screen Size [inch]	50 - 500	100 - 400	100 - 400	50 - 500	60 - 500
Projection Distance [m]	3.3 - 63.9	0.08 - 2.28	0.08 - 2.28	0.65 - 8.08	0.68 - 7.00
Shift Area	+10/-50%V / ±20%H	-	-	0.5V / 0.2H	±50%V / ±25%H
Weight [kg]	1.77	3.2	3.2	2.5	5.3
Compatible Projectors	PA3, PA4, PV series	PA3, PV series	PA4 series	PA4, PV series	PA5 series



Model	NP52ZL	NP53ZL	NP54ZL	NP55ZL	NP56ZL
Order Code	100016133	100016134	100016135	100016136	100016137
Zoom/Focus	motorised	motorised	motorised	motorised	motorised
Aperture	1.84 - 2.25	1.8 - 2.24	1.8 - 2.24	1.84 - 2.58	1.85 - 2.41
Focal Range [mm]	14.4 - 19.1	19.0 - 27.6	27.7 - 44.3	43.8 - 86.0	86.2 - 164.8
Projection Ratio	0.65 - 0.87	0.86 - 1.25	1.24 - 2.01	1.98 - 3.95	3.92 - 7.5
Zoom Ratio	1.34	1.45	1.62	1.99	1.90
Screen Size [inch]	60 - 500	60 - 500	60 - 500	60 - 500	60 - 500
Projection Distance [m]	0.84 - 9.37	1.11 - 13.46	1.60 - 21.65	2.55 - 42.65	7.76 - 80.78
Shift Area	±55%V / ±20%H	±65%V / ±25%H	±65%V / ±25%H	±65%V / ±25%H	±65%V / ±25%H
Weight [kg]	5.2	5.1	4.1	5.0	4.6
Compatible Projectors	PA5 series	PA5 series	PA5 series	PA5 series	PA5 series

Screen Size and Distance

Screen Size	NP12ZL	NP13ZL	NP30ZL	NP40ZL	NP41ZL	NP43ZL	NP44ML	NP44ML-PA4
80"	2.0 ~ 2.6	2.5 ~ 5.1	1.4 ~ 1.7	1.4 ~ 1.9	2.2 ~ 5.2	5.1 ~ 10.3	-	-
100"	2.5 ~ 3.3	3.2 ~ 6.3	1.7 ~ 2.24	1.7 ~ 2.4	2.8 ~ 6.6	6.5 ~ 13.2	0.08	0.08
120"	3.0 ~ 3.9	3.8 ~ 7.6	2.1 ~ 2.6	2.1 ~ 1.9	3.4 ~ 7.9	7.8 ~ 15.5	0.22	0.22
150"	3.8 ~ 4.9	4.8 ~ 9.5	2.5 ~ 3.3	2.6 ~ 3.6	4.2 ~ 9.8	9.7 ~ 19.3	0.49	0.49
200"	5.1 ~ 6.6	6.4 ~ 12.7	3.4 ~ 4.4	3.4 ~ 4.7	5.6 ~ 12.9	12.9 ~ 25.7	0.81	0.81
240"	6.1 ~ 7.9	7.6 ~ 15.3	4.1 ~ 5.3	4.1 ~ 5.7	6.8 ~ 15.7	15.5 ~ 31.0	1.11	1.11
300"	7.6 ~ 9.9	9.6 ~ 19.1	5.1 ~ 6.6	5.1 ~ 7.1	8.4 ~ 19.5	19.3 ~ 38.3	1.55	1.55
400"	10.2 ~ 13.2	12.8 ~ 25.5	6.8 ~ 8.8	6.8 ~ 9.5	11.2 ~ 26.0	25.7 ~ 50.1	2.28	2.28
500"	12.7 ~ 16.5	16.0 ~ 31.9	8.5 ~ 11.1	8.5 ~ 12.0	14.0 ~ 32.6	32.2 ~ 63.9	-	-

Screen Size	NP50ZL	NP51ZL	NP52ZL	NP53ZL	NP54ZL	NP55ZL	NP56ZL
80"	1.03 ~ 1.29	0.91 ~ 1.12	1.12 ~ 1.50	1.48 ~ 2.15	2.14 ~ 3.46	3.41 ~ 6.82	6.75 ~ 12.92
100"	1.29 ~ 1.62	1.14 ~ 1.40	1.40 ~ 1.87	1.85 ~ 2.69	2.67 ~ 4.33	4.26 ~ 8.53	8.44 ~ 16.16
120"	1.55 ~ 1.94	1.37 ~ 1.68	1.68 ~ 2.25	2.22 ~ 3.23	3.21 ~ 5.20	5.12 ~ 10.24	10.13 ~ 19.39
150"	1.94 ~ 2.42	1.71 ~ 2.10	2.10 ~ 2.81	2.78 ~ 4.04	4.01 ~ 6.49	6.40 ~ 12.79	12.67 ~ 24.23
200"	2.58 ~ 3.23	2.28 ~ 2.80	2.80 ~ 3.75	3.70 ~ 5.39	5.34 ~ 8.66	8.53 ~ 17.06	16.89 ~ 32.31
240"	3.10 ~ 3.88	2.74 ~ 3.36	3.36 ~ 4.50	4.45 ~ 6.46	6.41 ~ 10.39	10.23 ~ 20.47	20.26 ~ 38.77
300"	3.88 ~ 4.85	3.42 ~ 4.20	4.20 ~ 5.62	5.56 ~ 8.08	8.01 ~ 12.99	12.79 ~ 25.59	25.33 ~ 48.47
400"	5.17 ~ 6.46	4.57 ~ 5.60	5.60 ~ 7.50	7.41 ~ 10.77	10.68 ~ 17.32	17.06 ~ 34.12	33.77 ~ 64.62
500"	6.46 ~ 8.08	5.71 ~ 7.00	7.00 ~ 9.37	9.26 ~ 13.46	13.35 ~ 21.65	21.32 ~ 42.65	42.22 ~ 80.78