

PROJECTOR LENSES (PX SERIES)

Specifications



Model	NP18ZL	NP19ZL	NP20ZL	NP21ZL	NP31ZL	NP39ML
Order Code	60003226	60003227	60003228	60003229	100013847	100014132
Zoom/Focus	manual	manual	manual	manual	manual	motorised
Aperture	1.64 – 1.86	1.86 – 2.48	1.85 – 2.40	1.85 - 2.48	1.96-2.30	2.0
Focal Range [mm]	25.7–33.7	32.9 – 54.2	52.8 – 79.1	78.5 - 121.9	11.3 - 14.1	11.4
Projection Ratio	1.73 – 2.27:1	2.22 - 3.67:1	3.58 – 5.38:1	5.31 - 8.26:1	0.75 - 0.93:1	0.38:1
Zoom Ratio	1.31	1.65	1.50	1.55	1.25	-
Screen Size [inch]	50 - 300	50 - 300	50 - 300	50 - 300	40 - 300	100 - 350
Projection Distance [m]	1.8 – 14.9	2.4 - 24.1	3.8 – 35.4	5.6 – 54.8	0.8 - 6.0	up to 1.5
Shift Area	-0.5V/+/-0.1H	-0.5V / +/- 0.1H	-0.5V / +/- 0.1H	-0.5V / +/- 0.1H	0.5V / +/- 0.1H	0.5V / +/-0.1H
Weight [kg]	0.82	0.95	1.02	1.35	1.28	2.7
Compatible Projectors	PX1004UL	PX1004UL	PX1004UL	PX1004UL	PX1004UL	PX1004UL



Model	NP45ZL	NP46ZL	NP47ZL	NP48ZL	NP49ZL
Order Code	100015400	60003228	100015403	100015404	100015405
Zoom/Focus	motorised	motorised	motorised	motorised	motorised
Aperture	2.20 - 2.53	2.18 - 2.66	2.17 - 2.65	2.17 - 2.64	2.20 - 2.57
Focal Range [mm]	19.3 - 25.8	25.7 - 33.2	31.9 - 42.2	42.6 - 84.8	83.9 - 146.9
Projection Ratio	0.9 - 1.2:1	1.2 - 1.56:1	1.5 - 2.0:1	2.0 - 4.0:1	4.0 - 7.0:1
Zoom Ratio	1.3	1.3	1.3	2.0	1.8
Screen Size [inch]	50 - 500	40 - 500	40 - 500	40 - 500	50 - 500
Projection Distance [m]	1.0 - 12.9	1.3 - 16.8	1.6 - 21.5	2.2 - 43.1	4.3 - 75.4
Shift Area	+/-0.45V / +/- 0.15H	+/- 0.5V / +/- 0.15H	+/- 0.5V / +/- 0.15H	+/- 0.5V / +/- 0.15H	+/- 0.5V / +/- 0.15H
Weight [kg]	2.7	2.0	2.0	2.7	2.0
Compatible Projectors	PX2201UL	PX2201UL	PX2201UL	PX2201UL	PX2201UL

Screen Size and Distance

Screen Size	NP18ZL	NP19ZL	NP20ZL	NP21ZL	NP31ZL	NP39ML
50"	1.8 ~ 2.4	2.4 ~ 4.0	3.8 ~ 5.8	5.6 ~ 8.9	0.8 ~ 1.0	-0.4
60"	2.2 ~ 2.9	2.8 ~ 4.8	4.6 ~ 7.0	6.8 ~ 10.7	0.9 ~ 1.2	-0.3
80"	3.0 ~ 3.9	3.8 ~ 6.4	6.2 ~ 9.3	9.1 ~ 14.4	1.3 ~ 1.6	-0.2
100"	3.7 ~ 4.9	4.8 ~ 8.0	7.7 ~ 11.7	11.5 ~ 18.1	1.6 ~ 2.0	0
120"	4.5 ~ 5.9	5.8 ~ 9.6	9.3 ~ 14.1	13.8 ~ 21.7	1.9 ~ 2.4	0.1
150"	5.6 ~ 7.4	7.2 ~ 12.0	11.7 ~ 17.6	17.4 ~ 36.4	2.4 ~ 3.0	0.4
200"	7.5 ~ 7.4	9.7 ~ 16.1	15.6 ~ 23.5	23.3 ~ 36.4	3.2 ~ 3.9	0.7
240"	9.1 ~ 11.9	11.6 ~ 19.3	18.8 ~ 28.3	28.0 ~ 43.8	3.8 ~ 4.8	1.0
300"	11.3 ~ 14.9	14.5 ~ 24.1	23.5 ~ 35.4	35.0 ~ 54.8	4.8 ~ 6.0	1.5

Screen Size	NP45ZL	NP46ZL	NP47ZL	NP48ZL	NP49ZL
50"	1.0 ~ 1.3	1.3 ~ 1.7	1.6 ~ 2.2	2.2 ~ 4.3	4.3 ~ 7.5
70"	1.4 ~ 1.8	1.8 ~ 2.4	2.3 ~ 3.0	3.0 ~ 6.0	6.0 ~ 10.6
100"	1.9 ~ 2.6	2.6 ~ 3.4	3.2 ~ 4.3	4.3 ~ 8.6	8.6 ~ 15.1
120"	2.3 ~ 3.1	3.1 ~ 4.0	3.9 ~ 5.2	5.2 ~ 10.3	10.3 ~ 18.1
150"	2.9 ~ 3.9	3.9 ~ 5.0	4.8 ~ 6.5	6.5 ~ 12.9	12.9 ~ 22.6
180"	3.9 ~ 5.2	4.7 ~ 6.0	5.8 ~ 7.8	7.8 ~ 15.5	15.5 ~ 27.1
200"	3.9 ~ 5.2	5.2 ~ 6.7	6.5 ~ 8.6	8.6 ~ 17.2	17.2 ~ 30.2
250"	4.8 ~ 6.5	6.5 ~ 8.4	8.1 ~ 10.8	10.8 ~ 21.5	21.5 ~ 37.7
300"	5.8 ~ 7.8	7.8 ~ 10.1	9.7 ~ 12.9	12.9 ~ 25.8	25.8 ~ 45.2
350"	6.8 ~ 9.0	9.0 ~ 11.8	11.3 ~ 15.1	15.1 ~ 30.2	30.2 ~ 52.8
400"	7.8 ~ 10.3	10.3 ~ 13.4	12.9 ~ 17.2	17.2 ~ 34.5	34.5 ~ 60.3
450"	8.7 ~ 11.6	11.6 ~ 15.1	14.5 ~ 19.4	19.4 ~ 38.8	38.8 ~ 67.8
500"	9.7 ~ 12.9	12.9 ~ 16.8	16.2 ~ 21.5	21.5 ~ 43.1	43.1 ~ 75.4