

NEC Display Solutions **Projectors**

# PX PROJECTOR LENSES

NP16FL NP17ZL NP18ZL NP19ZL NP20ZL NP21ZL NP31ZL



## Specifications

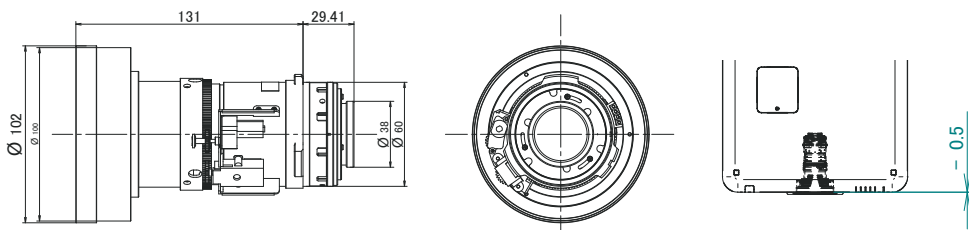
Model	NP16FL	NP17ZL	NP18ZL	NP19ZL	NP20ZL	NP21ZL	NP31ZL
Order Code	60003216	60003225	60003226	60003227	60003228	60003229	100013387
Aperture	1.85	1.85 - 2.50	1.64 - 1.86	1.86 - 2.48	1.85 - 2.40	1.85 - 2.48	1.96 - 2.3
Focal Length ( mm )	11.6	18.7 - 26.5	25.7 - 33.7	32.9 - 54.2	52.8 - 79.1	78.5 - 121.9	11.3 - 14.1
Projection ratio (WUXGA )	0,76 : 1	1.25 - 1.79 : 1	1.73 - 2.27	2.22 - 3.67 : 1	3.58 - 5.38 : 1	5.31 - 8,26 : 1	0.75 - 0.93
Zoom Ratio	—	1.41	1.31	1.65	1.50	1.55	1.25
Screen size ( inches )	50 - 300	50 - 300	50 - 300	50 - 300	50 - 300	50 - 300	50 - 300
Projection distance ( m )	0.8 - 5.1	1.3 - 11.7	1.8 - 14.9	2.4 - 24.1	3.8 - 35.4	2.9 - 20.1	0.8 - 6
Shift Area	0	+0.5V / +/- 0.1H	+0.5V / +/- 0.1H	+0.5V / +/- 0.1H	+0.5V / +/- 0.1H	+0.5V / +/- 0.1H	+0.5V (XGA:0.45V) / +/- 0.1H
Weight ( g )	910	1,090	820	950	1,020	1,350	1,280

## Screen Size and Distance

Screen Size ( inches )	NP16FL	NP17ZL	NP18ZL	NP19ZL	NP20ZL	NP21ZL	NP31ZL
50"	0.8	1.3 - 1.9	1.8 - 2.4	2.4 - 4.0	3.8 - 5.8	5.6 - 8.9	0.8 - 1.0
60"	1.0	1.6 - 2.3	2.2 - 2.9	2.8 - 4.8	4.6 - 7.0	6.8 - 10.7	0.9 - 1.2
80"	1.3	2.2 - 3.1	3.0 - 3.9	3.8 - 6.4	6.2 - 9.3	9.1 - 14.4	1.3 - 1.6
100"	1.7	2.7 - 3.9	3.7 - 4.9	4.8 - 8.0	7.7 - 11.7	11.5 - 18.1	1.6 - 2.0m
120"	2.0	3.3 - 4.7	4.5 - 5.9	5.8 - 9.6	9.3 - 14.1	13.8 - 21.7	1.9 - 2.4
150"	2.5	4.1 - 5.8	5.6 - 7.4	7.2 - 12.0	11.7 - 17.6	17.4 - 36.4	2.4 - 3.0m
200"	3.4	5.5 - 7.8	7.5 - 7.4	9.7 - 16.1	15.6 - 23.5	23.3 - 36.4	3.2 - 3.9
240"	4.1	6.6 - 9.4	9.1 - 11.9	11.6 - 19.3	18.8 - 28.3	28.0 - 43.8	3.8 - 4.8
300"	5.1	8.2 - 11.7	11.3 - 14.9	14.5 - 24.1	23.5 - 35.4	35.0 - 54.8	4.8 - 6.0

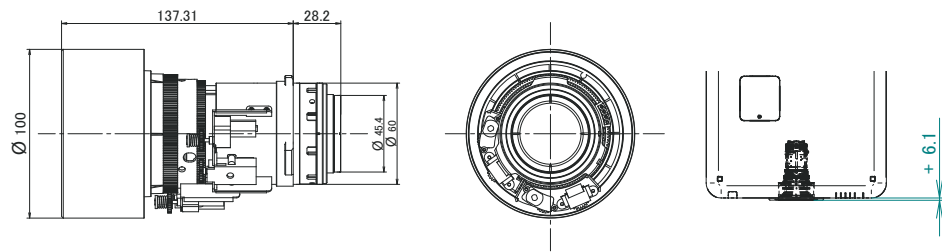
## NP16FL

Order Code **60003216**



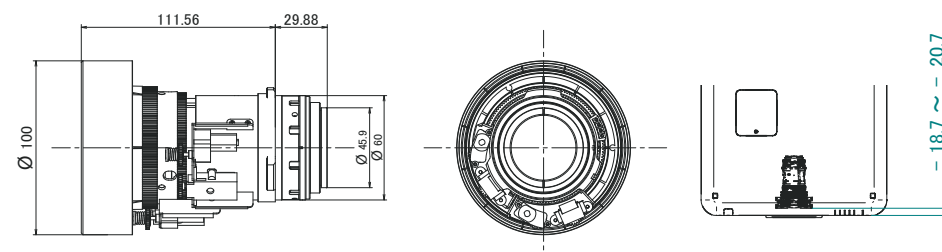
### NP17ZL

Order Code **60003225**



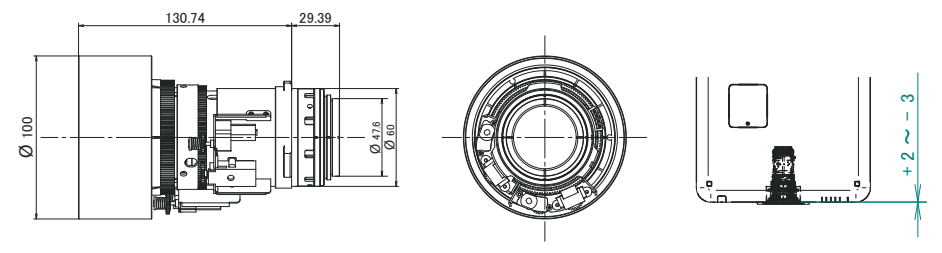
### NP18ZL

Order Code **60003226**



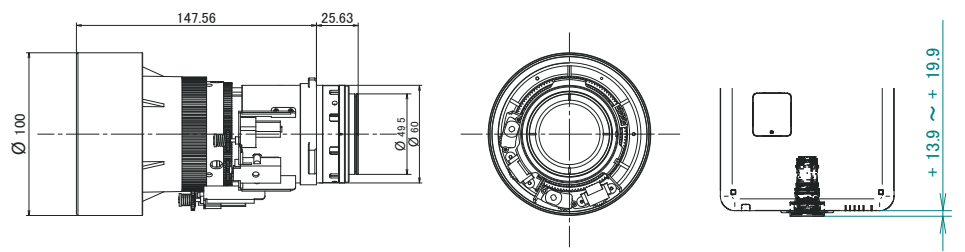
### NP19ZL

Order Code **60003227**



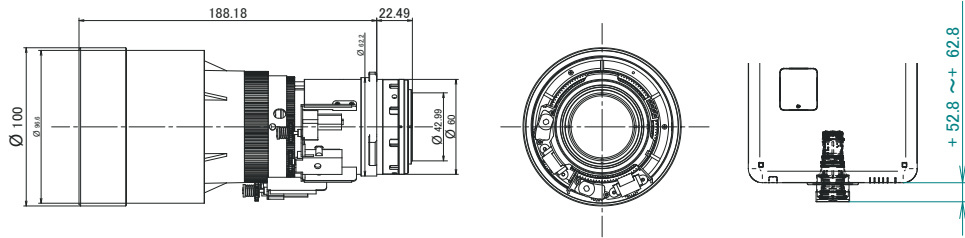
### NP20ZL

Order Code **60003228**



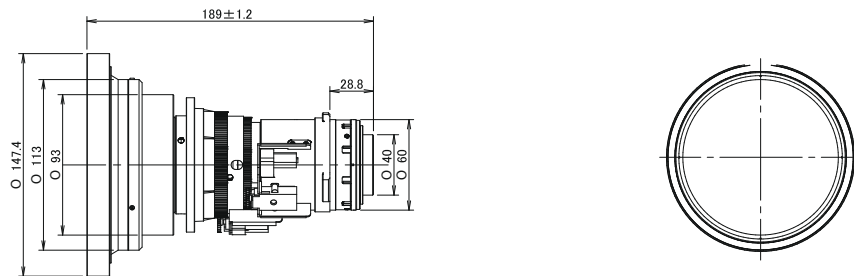
## NP21ZL

Order Code **60003229**



## NP31ZL

Order Code **100013387**



**NEC Display Solutions Europe GmbH**  
 Landshuter Allee 12-14, D-80637 München  
 infomail@nec-displays.com  
 Phone: +49 (0) 89 99 699-0  
 Fax: +49 (0) 89 99 699-500  
 www.nec-display-solutions.com