

半径 1-10		半径10-20		半径20-30		半径30-40		半径40-50		半径50-60		半径60-70		半径70-80		半径80-100		半径100-150		半径150-200		半径200-500		半径>=R500	
凹透镜	凸透镜	凹透镜	凸透镜	凹透镜	凸透镜	凹透镜	凸透镜	凹透镜	凸透镜	凹透镜	凸透镜	凹透镜	凸透镜	凹透镜	凸透镜	凹透镜	凸透镜	凹透镜	凸透镜	凹透镜	凸透镜	凹透镜	凸透镜	凹透镜	凸透镜
3.713	3.713	10.119	10.119	20.08	20.007	30.031	30.031	40	40	50.35	50.35	60.74	60.74	70.023	70.023	81.47	81.47	101.06	101.06	151.01	151.01	203	203	510.5	510.5
5.5		10.3	10.3	20.08	20.42	30.55	30.55		40.381	50.41	50.41	61.38	61.38	70.78	70.78	82	82	101.403	101.403	152.05	152.05	210.55	210.55	528.4	528.4
	6.427		11.323	20.42	20.42	30.66	30.66	40.44	40.44	50.495	50.495	61.57	61.57	71.12	71.12	82.6	82.6	101.463	101.463	153.884	153.884	211.12	211.12	534.6	534.6
	7.177	11.508	11.508	20.7	20.7	31	31	40.64	40.64	51.4	51.4	61.94	61.94	71.61	71.61	84.6		102.47	102.47	154.88	154.88	218.8	218.8	591.6	591.6
7.197	7.197	12.17	12.17	21.04	21.04	31.48	31.48	40.7	40.7	51.95	51.95	62.02	62.02	72.11	72.11	84.66	84.66	104.77	104.77		155.329	220.7644	220.7644	594.47	594.47
9	9	12.217	12.217	21.134	21.134	31.62	31.62	41.195	41.195	52	52	62.176	62.176	72.44	72.44	85.51	85.51	110		156.31	156.31	227	227	616.6	616.6
10		12.24	12.24	21.23	21.23	31.77	31.77	41.5	41.5	52.522	52.522	62.635	62.635	73.11	73.11	86.3	86.3	111.8	111.8	157	157	230.75	230.75	646.769	646.769
		12.27		21.78	21.78	31.89	31.89	41.88	41.88	53.26	53.26	63.97	63.97	76.56	76.56	87.718	87.718	112.98	112.98	159	159	232.47	232.47	665.33	665.33
		12.505	12.505	22.7	22.7	31.99	31.99	42.07	42.07	53.29	53.29	64.86	64.86	76.91	76.91	88.268	88.268	113.13	113.13	159.16	159.16	236.5	236.5	675.01	675.01
		12.87	12.87	22.854	22.854	32.73	32.73	42.46	42.46	53.46	53.46	65.18	65.18	77.2	77.2	88.31		116	116	160	160	241.2	241.2	698.2	698.2
		13.062	13.062	23.7	23.7	32.81	32.81	42.613	42.613	54.08	54.08	65.28	65.28	77.45	77.45	88.432	88.432	116.68	116.68	161.44	161.44	241.5	241.5	744.7	744.7
		13.18	13.18	23.88	23.88	33.34	33.34	42.885	42.885	55.677		65.61	65.61	79.07	79.07	90.16	90.16	118.7	118.7	164.516		244.9	244.9	860.95	860.95
		13.397	13.397	24.005	24.005	34.04	34.04	43.26	43.26	56.01	56.01	65.804	65.804			91.6	91.6	119.9	119.9	165.2		245.189		1019	1019
		13.552	13.552	24.49	24.49	34.12	34.12	43.65		56.52	56.52	65.812				92.215	92.215	120.23	120.23	170.23	170.23	250	250	1060.73	1060.73
		13.557	13.557	24.55	24.55	34.19	34.19	43.8	43.8	57.215	57.215	67.432	67.432			92.26	92.26	120.78	120.78	171.6	171.6	251.2	251.2	1190	1190
		13.614	13.614	24.77	24.77	34.43	34.43	43.82	43.82	57.81	57.81	67.76	67.76			93.33	93.33	121.4	121.4	173.255	173.255	260.27	260.27		1263
		14.04	14.04	25.1	25.1	34.75	34.75	44.06	44.06	58.21	58.21	67.92	67.92			93.54	93.54	122.74	122.74	177.83	177.83	263	263	1263.48	1263.48
		14.421	14.421	25.18	25.18	34.91	34.91	44.4	44.4	58.48	58.48	68.71	68.71			93.97	93.97	124.255	124.255	179.47	179.47	263.6	263.6	1270.4	1270.4
		15.305	15.305	25.247	25.247	35.1	35.1	44.46	44.46	58.523	58.523	69.82	69.82			95.06	95.06	124.45	124.45	181.289	181.289	265.5	265.5	1374	1374
		15.346	15.346	25.4	25.4	35.24	35.24	44.691	44.691	58.61	58.61					95.215	95.215	127.75	127.75	185.3	185.3	270.4	270.4	1386.63	1386.63
		15.45	15.45	25.59	25.59	35.456	35.456	44.737	44.737	59.2	59.2					96		128.23	128.23	186.378	186.378	279.2	279.2		1390
		15.5	15.5	25.7	25.7	35.689	35.689	44.87	44.87	59.43	59.43					96.09	96.09	128.49	128.49	188.36	188.36	279.3	279.3	2000	
		16	16	25.76	25.76	35.73	35.73	45	45							96.948	96.948	129.985	129.985	189.044	189.044	283.8	283.8		
		16.333	16.333	26	26	36	36	45.797	45.797							97.5	97.5	131.22	131.22	190	190	297.402	297.402		
		16.5	16.5	26.67	26.67	36.14	36.14	46	46							98.01	98.01	132.398	132.398	191	191	300.6	300.6		
		16.553	16.553	26.85	26.85	36.98	36.98	46.13	46.13							98.86	98.86	133	133			304.81	304.81		
		16.982	16.982	26.98	26.98	37.321	37.321	47.75	47.75							99.56	99.56	133.3	133.3			306.2	306.2		
		17.219	17.219	27.1	27.1	37.79	37.79	47.789	47.789									134.93	134.93			306.493	306.493		
		17.458	17.458	27.29	27.29	37.93	37.93	47.86	47.86									135.546	135.546			326.584	326.584		
		18.197	18.197	27.8	27.8	38.04	38.04	49.39	49.39									136.027	136.027			335	335		
		18.323	18.323	28.45	28.45	38.7	38.7	49.43										136.883	136.883			338.55	338.55		
		18.57	18.57	28.64	28.64	38.877	38.877	49.574	49.574									138	138			355.06	355.06		
		19.0099	19.0099	29.007		38.99	38.99											140.6	140.6			355.6	355.6		
		19.696	19.696	29.05	29.05	39.04												140.757	140.757			355.702			
		19.999	19.999	29.462	29.462	39.08	39.08											142.17	142.17			358.1	358.1		
		20.42	20.42	29.65		39.45	39.45											149.97	149.97			371.5	371.5		
				29.74	29.74													156.31				381.9	381.9		
																						389.42	389.42		
																						395.66	395.66		
																						400	400		
																						412.881	412.881		
																						418.8	418.8		
																						445.7	445.7		
																						466.589	466.589		
																						494.546	494.546		