



# NANJING GARNT OPTO-ELECTRONICS CO., LTD.

## G-Molding Collimating & Coupling Lens Catalogue

No.	Application	Material	OD (mm)	EFL (mm)	WD (mm)	CT (mm)	NA	Design Wavelength (nm)	Laser Window (mm)
1	Coupling	D-ZLAF52LA	2.40	1.14	1.129/4.826	1.239	0.43/0.124	1300	BK7, t=0.30
2	Collimating	D-ZLaF52LA	2.40	1.14	0.720	1.24	0.55	1310	-
3	Collimating	D-ZK3	2.40	1.45	0.88	1.00	0.560	780	-
4	Collimating	D-K9	1.50	1.85	1.39	1.10	0.320	515	BK7, t=0.4
5	Collimating	D-ZK3	3.00	2.00	1.09	2.00	0.50	780	BK7, t=0.25
6	Collimating	D-LAK6	3.00	2.20	1.292	1.685	0.55	520	BK7, t=0.25
7	Collimating	D-LAK6	3.00	2.40	1.513	1.65	0.50	520	BK7, t=0.25
8	Collimating	D-ZLaF52LA	4.00	2.73	2.370	1.426	0.55	780	PC, t=1.20
9	Collimating	D-ZLaF52LA	4.50	2.75	1.50	2.24	0.64	830	-
10	Collimating	D-ZK3	6.325	3.10	1.76	3.214	0.670	830	-
11	Collimating	D-ZLaF52LA	3.00	3.20	2.09	2.00	0.37	633	-
12	Coupling	D-ZK2	5.00	3.37	5.0/6.91	2.50	0.31/0.23	808	-
13	Collimating	D-ZK3	3.00	3.76	2.98	1.50	0.33	635	BK7, t=0.25
14	Collimating	D-ZK3	6.325	3.90	2.70	3.05	0.50	780	PC, t=1.20
15	Collimating	D-ZK3	4.00	4.00	2.91	2.00	0.40	405	BK7, t=0.25
16	Collimating	D-ZK3	6.33	4.05	2.80	3.10	0.63	445	PC, t=1.20
17	Collimating	D-LAK6	6.325	4.02	2.41	2.90	0.60	408	BK7, t=0.25
18	Collimating	D-ZK3	5.42	4.47	3.08	3.45	0.47	780	PC, t=1.20
19	Collimating	D-ZLaF52LA	6.325	4.50	2.82	2.747	0.60	1550	-
20	Collimating	D-ZK3	3.00	4.50	3.46	1.78	0.30	633	BK7, t=0.25
21	Collimating	D-ZK3	3.00	4.70	3.50	1.90	0.25	633	-
22	Collimating	D-ZK3	2.00	5.00	4.37	0.99	0.15	1550	-
23	Collimating	D-ZK3	3.00	5.00	4.03	1.53	0.26	915	-
24	Collimating	D-ZK3	3.00	6.00	5.20	1.50	0.21	635	BK7, t=0.25
25	Collimating	D-ZK3	2.79	6.10	4.87	1.93	0.18	1550	-

26	Collimating	D-ZK3	4.700	6.16	4.37	3.48	0.30	780	BK7, t=0.275
27	Collimating	D-ZK3	7.20	6.24	3.43	5.36	0.40	780	BK7, t=0.275
28	Collimating	D-ZK2N	6.35	6.43	4.70	3.11	0.43	830	BK7, t=0.25
29	Collimating	D-ZK3	6.50	7.50	5.96	2.75	0.36	830	BK7, t=0.275
30	Collimating	L-BAL42	4.50	8.00	6.73	2.00	0.22	915	-
31	Collimating	D-ZK3	9.936	8.00	5.90	3.43	0.50	780	BK7, t=0.25
32	Collimating	D-ZK3	8.00	8.42	7.05	2.30	0.37	635	BK7, t=0.25
33	Collimating	L-BAL42	5.50	8.80	7.35	2.40	0.26	635	-
34	Collimating	L-BAL42	6.50	8.95	7.60	2.36	0.30	635	BK7, t=0.25
35	Collimating	D-ZK2N	6.35	10.00	8.29	3.00	0.28	635	BK7, t=0.25
36	Collimating	D-ZK3	7.20	10.99	7.90	5.032	0.28	633	BK7, t=0.25
37	Collimating	D-ZK2N	8.00	11.18	9.69	2.66	0.31	635	BK7, t=0.25
38	Collimating	D-ZK3	15.00	11.24	6.83	7.00	0.62	587	-
39	Collimating	L-BAL42	6.50	12.06	10.61	2.36	0.22	635	BK7, t=0.25
40	Collimating	D-ZK3	6.325	13.85	12.10	2.773	0.180	650	-
41	Collimating	D-ZK2	8.00	15.00	13.47	2.400	0.230	915	-
42	Collimating	D-ZK2	10.00	15.00	12.90	3.300	0.300	915	-
43	Collimating	D-ZK3	6.50	15.29	13.89	2.209	0.16	780	-
44	Collimating	L-BAL42	10.50	15.26	13.58	3.00	0.30	639	BK7, t=0.30
45	Collimating	L-BAL42	10.00	16.70	14.65	3.225	0.265	976	-
46	Collimating	D-ZK3	6.50	18.39	17.09	2.18	0.15	780	BK7, t=0.25
47	Collimating	L-BAL42	10.00	19.00	17.00	3.14	0.23	915	-
48	Collimating	D-ZK2N	8.00	22.58	21.25	2.35	0.15	532	BK7, t=0.25
49	Collimating	D-ZK2	9.50	24.06	22.76	2.35	0.16	785	BK7, t=0.25
50	Collimating	D-ZK2	12.00	24.00	22.09	3.00	0.23	915	-
51	Collimating	D-ZK3	16.00	30.00	28.10	3.00	0.24	915	-
52	Collimating	L-BSL7	9.3	31.99	30.73	2.3	0.122	785	BK7, t=0.30
53	Collimating	D-K9	12.5	32.0	30.73	2.3	0.17	785	BK7, t=0.30
54	Collimating	D-ZK2	7.00	12.7	11.24	2.3	0.27	915	-