

PN	λ [nm]	Number of Spots	Separation Angle [deg]	θ_f [deg]	Remarks
DS-006-I-Y-A	1064	2	2.54	2.54	
DS-033-I-Y-A	1064	2	10.17	10.17	
DS-181-I-Y-A	1064	2	0.032	0.032	
DS-215-I-Y-A	1064	2	3.39	3.39	
DS-217-I-Y-A	1064	2	0.27	0.27	
DS-224-I-Y-A	1064	2	0.12	0.12	
DS-237-I-Y-A	1064	2	18.41	18.41	
DS-238-I-Y-A	1064	2	1.42	1.42	
DS-239-I-Y-A	1064	2	2	2	
DS-241-I-Y-A	1064	2	0.41	0.41	
DS-243-I-Y-A	1064	2	0.084	0.084	
DS-256-I-Y-A	1064	2	0.45	0.45	
DS-257-I-Y-A	1064	2	0.23	0.23	
DS-258-I-Y-A	1064	2	0.046	0.046	
DS-273-I-Y-A	1064	2	0.32	0.32	
DS-276-I-N-A	1064	2	0.45	0.45	
DS-277-I-Y-A	1064	2	4.1	4.1	
DS-283-I-Y-A	1064	2	2.54	2.54	
DS-285-I-Y-A	1064	2	1.63	1.63	High Efficiency (CV HEDS)
DS-319-I-Y-A	1064	2	10.3	10.3	
DS-320-I-Y-A	1064	2	8.66	8.66	
MS-226-I-Y-X	1064	5	0.5	2	
MS-255-I-Y-X	1064	101	0.057	5.73	
MS-268-I-Y-X	1064	19	0.15	2.7	
MS-269-I-Y-X	1064	25	0.11	2.64	
MS-272-I-Y-N	1064	7	0.19	1.14	
MS-357-I-Y-A	1064	6	0.21	1.04	
MS-385-I-Y-A	1064	6	0.76	3.8	
MS-399-I-Y-A	1064	4	0.14	0.43	
MS-401-I-Y-A	1064	16	0.14	2.15	
MS-455-I-Y-A	1064	19	0.38	6.86	
MS-475-I-Y-A	1064	6	0.4	2	
MS-499-I-Y-X	1064	5	1	4.01	
MS-502-I-Y-A	1064	6	2.59	12.96	
MS-555-I-Y-X	1064	5	0.54	2.18	
MS-631-I-Y-A	1064	4	0.1	0.3	High Efficiency
MS-632-I-Y-A	1064	4	3.4	10.21	High Efficiency
MS-665-I-Y-A	1064	8	0.071	0.5	
MS-666-I-Y-A	1064	4	1.15	3.45	High Efficiency
MS-668-I-Y-A	1064	10	0.58	5.22	
MS-721-I-Y-X	1064	9	0.1	0.82	High Efficiency
MS-740-I-Y-A	1064	2	0.14	0.14	High Efficiency (Half Scan HEDS)
MS-786-I-Y-X	1064	11	0.23	2.29	
MS-809-I-Y-X	1064	5	0.056	0.22	High Efficiency
MS-843-I-Y-A	1064	4	1.5	4.5	
TS-008-I-Y-A	1064	3	1.27	2.54	
TS-216-I-N-A	1064	3	0.46	0.92	
TS-230-I-Y-A	1064	3	0.25	0.5	
TS-261-I-Y-A	1064	3	1	2	
TS-265-I-Y-A	1064	3	0.042	0.084	
TS-279-I-Y-A	1064	3	2.95	5.91	
TS-293-I-Y-A	1064	3	10.21	20.43	
DS-001-I-Y-A	1064	2	0.14	0.14	
DS-002-I-Y-A	1064	2	0.27	0.27	

DS-025-I-Y-A	1064	2	0.15	0.15	
DS-026-I-Y-A	1064	2	0.099	0.099	
DS-029-I-Y-A	1064	2	0.099	0.099	
DS-034-I-Y-A	1064	2	0.038	0.038	
DS-180-I-Y-A	1064	2	0.032	0.032	
DS-182-I-Y-A	1064	2	0.076	0.076	
DS-183-I-Y-A	1064	2	0.076	0.076	
DS-184-I-Y-A	1064	2	0.094	0.094	
DS-185-I-Y-A	1064	2	0.14	0.14	
DS-186-I-Y-A	1064	2	0.14	0.14	
DS-187-I-Y-A	1064	2	0.18	0.18	
DS-188-I-Y-A	1064	2	0.18	0.18	
DS-189-I-Y-A	1064	2	0.5	0.5	
DS-190-I-Y-A	1064	2	0.92	0.92	
DS-191-I-Y-A	1064	2	0.92	0.92	
DS-192-I-Y-A	1064	2	0.96	0.96	
DS-193-I-Y-A	1064	2	0.96	0.96	
DS-194-I-Y-A	1064	2	1.05	1.05	
DS-195-I-Y-A	1064	2	1.05	1.05	
DS-196-I-Y-A	1064	2	4.13	4.13	
DS-197-I-Y-A	1064	2	5.08	5.08	
DS-198-I-Y-A	1064	2	7.63	7.63	
DS-199-I-Y-A	1064	2	8.72	8.72	
DS-207-I-Y-A	1064	2	0.15	0.15	
DS-208-I-Y-A	1064	2	0.27	0.27	
DS-209-I-Y-A	1064	2	0.15	0.15	
DS-210-I-Y-A	1064	2	0.29	0.29	
DS-212-I-Y-A	1064	2	0.25	0.25	
DS-213-I-Y-A	1064	2	0.038	0.038	
DS-216-I-Y-A	1064	2	1.52	1.52	
DS-222-I-Y-A	1064	2	2.18	2.18	
DS-223-I-Y-A	1064	2	1.35	1.35	
DS-234-I-Y-A	1064	2	5.42	5.42	
DS-235-I-Y-A	1064	2	1.79	1.79	
DS-242-I-Y-A	1064	2	0.11	0.11	
DS-244-I-Y-A	1064	2	0.35	0.35	
DS-255-I-Y-A	1064	2	0.064	0.064	
DS-259-I-Y-A	1064	2	0.046	0.046	
DS-260-I-Y-A	1064	2	0.052	0.052	
DS-261-I-Y-A	1064	2	0.14	0.14	Suppressed undesired orders
DS-265-I-Y-A	1064	2	0.36	0.36	
DS-268-I-Y-A	1064	2	0.14	0.14	
DS-270-I-Y-A	1064	2	0.54	0.54	
DS-271-I-Y-A	1064	2	0.68	0.68	
DS-274-I-Y-A	1064	2	14.38	14.38	
DS-276-I-Y-A	1064	2	0.45	0.45	
DS-278-I-Y-A	1064	2	5.91	5.91	
DS-281-I-Y-A	1064	2	14.38	14.38	
DS-286-I-Y-A	1064	2	6.86	6.86	
DS-287-I-Y-A	1064	2	11.23	11.23	
DS-314-I-Y-A	1064	2	0.57	0.57	
DS-326-I-Y-A	1064	2	0.12	0.12	
DS-327-I-Y-A	1064	2	0.15	0.15	
DS-331-I-Y-A	1064	2	0.36	0.36	
MS-107-I-Y-X	1064	7	0.29	1.72	

MS-214-I-Y-A	1064	6	0.57	2.86	
MS-233-I-Y-X	1064	7	0.7	4.19	
MS-243-I-Y-A	1064	8	1.48	10.39	
MS-244-I-Y-A	1064	10	0.76	6.85	
MS-245-I-Y-A	1064	10	0.57	5.14	
MS-257-I-Y-A	1064	51	0.057	2.87	
MS-271-I-Y-A	1064	7	0.7	4.21	
MS-279-I-Y-X	1064	7	0.88	5.26	
MS-291-I-Y-N	1064	9	0.11	0.91	
MS-298-I-Y-X	1064	7	0.19	1.14	Suppressed undesired orders
MS-304-I-Y-A	1064	8	0.045	0.32	Minimum Beam size 8mm
MS-316-I-Y-A	1064	11	1.2	12.03	
MS-320-I-Y-A	1064	8	0.045	0.32	Minimum Beam size 8mm
MS-331-I-Y-A	1064	10	0.76	6.85	
MS-332-I-Y-A	1064	4	1	3	
MS-333-I-Y-A	1064	10	0.76	6.85	
MS-398-I-Y-X	1064	5	0.3	1.18	
MS-400-I-Y-A	1064	8	0.14	1	
MS-438-I-Y-N	1064	9	0.11	0.91	
MS-454-I-Y-A	1064	15	0.44	6.1	
MS-456-I-Y-A	1064	35	0.17	5.92	
MS-457-I-Y-A	1064	51	0.17	8.72	
MS-453-I-Y-X	1064	9	1.05	8.42	
MS-463-I-Y-X	1064	7	0.29	1.72	
MS-474-I-Y-A	1064	6	1.2	6	
MS-501-I-Y-A	1064	6	2.59	12.96	
MS-506-I-Y-A	1064	4	0.5	1.5	
MS-512-I-Y-X	1064	33	0.036	1.14	
MS-513-I-Y-X	1064	321	0.036	11.39	
MS-519-I-Y-X	1064	7	0.14	0.86	
MS-530-I-Y-A	1064	6	0.084	0.42	
MS-531-I-Y-X	1064	5	0.11	0.42	
MS-535-I-Y-X	1064	5	0.07	0.28	
MS-538-I-Y-A	1064	6	0.096	0.48	
MS-539-I-Y-X	1064	5	0.12	0.48	
MS-545-I-Y-A	1064	6	0.054	0.27	
MS-554-I-Y-X	1064	7	0.08	0.48	
MS-557-I-Y-X	1064	7	0.047	0.28	
MS-560-I-Y-A	1064	4	0.1	0.3	
MS-575-I-Y-A	1064	32	0.26	7.95	
MS-579-I-Y-A	1064	6	0.064	0.32	
MS-589-I-Y-X	1064	11	0.57	5.73	
MS-590-I-Y-X	1064	11	0.23	2.29	
MS-592-I-Y-X	1064	11	0.11	1.15	
MS-605-I-Y-A	1064	8	0.071	0.5	
MS-669-I-Y-A	1064	10	0.29	2.61	
MS-675-I-Y-A	1064	9	0.1	0.8	
MS-680-I-Y-A	1064	4	0.23	0.68	
MS-681-I-Y-X	1064	5	0.2	0.8	
MS-685-I-Y-A	1064	16	0.57	8.55	
MS-686-I-Y-A	1064	16	0.79	11.86	
MS-705-I-Y-X	1064	33	0.22	7.2	
MS-707-I-Y-A	1064	18	0.061	1.05	
MS-709-I-Y-A	1064	18	0.062	1.05	
MS-710-I-Y-A	1064	24	0.038	0.88	

MS-716-I-Y-X	1064	7	1.52	9.14	
MS-731-I-Y-A	1064	14	1.23	16	
MS-735-I-Y-X	1064	17	0.087	1.39	
MS-736-I-Y-X	1064	17	0.22	3.6	
MS-739-I-Y-A	1064	16	0.64	9.67	
MS-770-I-Y-A	1064	16	0.25	3.77	
MS-772-I-Y-A	1064	4	0.23	0.68	
MS-778-I-Y-X	1064	33	0.11	3.64	
MS-781-I-Y-X	1064	33	0.076	2.43	
MS-787-I-Y-A	1064	8	1.33	9.32	
MS-793-I-Y-A	1064	8	0.071	0.5	
MS-811-I-Y-A	1064	6	0.91	4.53	
MS-813-I-Y-X	1064	49	0.028	1.34	
MS-814-I-Y-A	1064	50	0.028	1.37	
MS-816-I-Y-X	1064	25	0.14	3.28	
MS-818-I-Y-X	1064	11	0.96	9.66	
MS-819-I-Y-X	1064	9	0.96	7.72	
MS-820-I-Y-X	1064	7	0.95	5.67	
MS-830-I-Y-A	1064	19	0.38	6.86	
MS-834-I-Y-A	1064	10	0.03	0.27	
MS-855-I-Y-A	1064	6	1.01	5.07	
MS-869-I-Y-A	1064	6	0.064	0.32	
MS-871-I-Y-A	1064	131	0.062	8.07	
MS-872-I-Y-X	1064	129	0.16	20.49	
MS-881-I-Y-X	1064	41	0.046	1.82	
MS-882-I-Y-A	1064	10	0.046	0.41	
MS-883-I-Y-A	1064	6	0.91	4.53	
MS-884-I-Y-A	1064	4	1.33	4	
MS-885-I-Y-X	1064	15	2.45	34.75	
MS-890-I-Y-A	1064	10	0.99	8.91	
MS-891-I-Y-X	1064	75	0.54	40.78	
MS-899-I-Y-X	1064	5	0.2	0.8	
MS-904-I-Y-A	1064	16	0.79	11.86	
MS-907-I-Y-X	1064	11	0.57	5.73	
MS-912-I-Y-A	1064	10	1.48	13.36	
MS-926-I-Y-A	1064	15	0.44	6.1	
MS-929-I-Y-A	1064	4	4.49	13.51	
TS-003-I-Y-A	1064	3	0.068	0.14	
TS-004-I-Y-A	1064	3	0.14	0.27	
TS-015-I-Y-A	1064	3	10.21	20.43	
TS-016-I-Y-A	1064	3	0.032	0.064	
TS-027-I-Y-A	1064	3	0.076	0.15	
TS-028-I-Y-A	1064	3	0.05	0.099	
TS-030-I-Y-A	1064	3	10	20.01	Cut-Off 1mm
TS-031-I-Y-A	1064	3	5.09	10.17	
TS-200-I-Y-A	1064	3	0.53	1.05	
TS-201-I-Y-A	1064	3	0.48	0.96	
TS-202-I-Y-A	1064	3	10	20.01	
TS-203-I-Y-A	1064	3	0.14	0.27	
TS-204-I-Y-A	1064	3	2.44	4.88	
TS-205-I-Y-A	1064	3	0.091	0.18	
TS-210-I-Y-A	1064	3	15.43	30.85	
TS-211-I-Y-A	1064	3	3.81	7.63	
TS-212-I-Y-A	1064	3	4.36	8.72	
TS-213-I-Y-A	1064	3	2.54	5.08	

TS-216-I-Y-A	1064	3	0.46	0.92	
TS-224-I-Y-A	1064	3	0.46	0.92	
TS-225-I-Y-A	1064	3	0.072	0.14	
TS-232-I-Y-A	1064	3	0.34	0.68	
TS-233-I-Y-A	1064	3	7.19	14.38	
TS-235-I-Y-A	1064	3	2.07	4.13	
TS-238-I-Y-A	1064	3	1.69	3.39	
TS-243-I-Y-A	1064	3	1.09	2.18	
TS-245-I-Y-A	1064	3	0.67	1.35	
TS-246-I-Y-A	1064	3	0.67	1.35	
TS-247-I-Y-A	1064	3	0.15	0.29	
TS-248-I-Y-A	1064	3	0.13	0.25	
TS-249-I-Y-A	1064	3	0.073	0.15	
TS-250-I-Y-A	1064	3	0.072	0.14	
TS-251-I-Y-A	1064	3	0.059	0.12	
TS-252-I-Y-A	1064	3	0.047	0.094	
TS-253-I-Y-A	1064	3	0.038	0.076	
TS-254-I-Y-A	1064	3	0.019	0.038	
TS-255-I-Y-A	1064	3	0.016	0.032	
TS-256-I-Y-A	1064	3	0.016	0.032	
TS-258-I-Y-A	1064	3	9.21	18.41	
TS-259-I-Y-A	1064	3	0.71	1.42	
TS-263-I-Y-A	1064	3	0.2	0.41	
TS-264-I-Y-A	1064	3	0.053	0.11	
TS-266-I-Y-A	1064	3	0.17	0.35	
TS-267-I-Y-A	1064	3	0.091	0.18	
TS-268-I-Y-A	1064	3	0.23	0.45	
TS-269-I-Y-A	1064	3	0.11	0.23	
TS-270-I-Y-A	1064	3	0.023	0.046	
TS-274-I-Y-A	1064	3	0.11	0.22	
TS-276-I-Y-A	1064	3	0.18	0.36	
TS-277-I-Y-A	1064	3	0.068	0.14	
TS-278-I-Y-A	1064	3	0.27	0.54	
TS-280-I-Y-A	1064	3	2.05	4.1	
TS-283-I-Y-A	1064	3	0.46	0.92	
TS-284-I-Y-A	1064	3	0.76	1.52	
TS-285-I-Y-A	1064	3	10	20.01	
TS-288-I-Y-A	1064	3	5.16	10.32	
TS-291-I-Y-A	1064	3	0.24	0.48	
TS-292-I-Y-A	1064	3	0.054	0.11	
DS-225-I-Y-A	1064	2	3.67	3.67	
DS-226-I-Y-A	1064	2	3.39	3.39	
DS-227-I-Y-A	1064	2	3.13	3.13	
DS-228-I-Y-A	1064	2	2.9	2.9	
DS-229-I-Y-A	1064	2	2.71	2.71	
DS-230-I-Y-A	1064	2	2.44	2.44	
DS-248-I-Y-A	1064	2	3.59	3.59	
DS-249-I-Y-A	1064	2	3.21	3.21	
DS-250-I-Y-A	1064	2	3.05	3.05	
DS-251-I-Y-A	1064	2	2.71	2.71	
DS-252-I-Y-A	1064	2	2.54	2.54	
DS-267-I-Y-A	1064	2	1.15	1.15	High Efficiency (CV HEDS)
DS-269-I-Y-A	1064	2	0.14	0.14	High Efficiency (CV HEDS)
DS-288-I-Y-A	1064	2	1.19	1.19	High Efficiency (CV HEDS)
DS-289-I-Y-A	1064	2	17.49	17.49	Pattern rotated 45deg

DS-291-I-Y-A	1064	2	0.16	0.16	High Efficiency (Scan HEDS)
DS-292-I-Y-A	1064	2	0.34	0.34	High Efficiency (Scan HEDS)
DS-293-I-Y-A	1064	2	0.32	0.32	High Efficiency (Half Scan HEDS)
DS-294-I-Y-A	1064	2	0.67	0.67	High Efficiency (Half Scan HEDS)
DS-304-I-Y-A	1064	2	7.31	7.31	
DS-306-I-Y-A	1064	2	0.14	0.14	High Efficiency (CV HEDS)
DS-311-I-Y-A	1064	2	7.31	7.31	
MS-021-I-Y-X	1064	15	0.044	0.62	High Efficiency
MS-022-I-Y-X	1064	15	0.028	0.4	High Efficiency
MS-307-I-Y-A	1064	4	5.11	15.37	
MS-322-I-Y-A	1064	4	3.4	10.21	
MS-323-I-Y-X	1064	5	0.046	0.18	High Efficiency
MS-327-I-Y-L	1064	11	1.52	15.29	
MS-355-I-Y-A	1064	4	1.33	4	
MS-364-I-Y-A	1064	4	0.053	0.16	High Efficiency
MS-396-I-Y-X	1064	9	0.03	0.24	High Efficiency
MS-473-I-Y-A	1064	6	2.43	12.19	
MS-505-I-Y-X	1064	85	0.25	21.04	
MS-542-I-Y-A	1064	131	0.062	8.07	
MS-548-I-Y-X	1064	7	0.14	0.86	
MS-549-I-Y-A	1064	8	0.5	3.52	
MS-551-I-Y-A	1064	10	0.3	2.73	
MS-556-I-Y-X	1064	11	0.54	5.44	
MS-572-I-Y-X	1064	5	0.42	1.69	
MS-580-I-Y-X	1064	15	0.54	7.63	
MS-588-I-Y-A	1064	4	0.29	0.88	High Efficiency
MS-598-I-Y-A	1064	4	0.11	0.32	High Efficiency
MS-629-I-Y-A	1064	4	1	3	High Efficiency
MS-630-I-Y-A	1064	4	0.14	0.43	High Efficiency
MS-635-I-Y-A	1064	4	1.33	4	
MS-636-I-Y-A	1064	8	1.33	9.32	
MS-647-I-Y-A	1064	4	1.24	3.73	
MS-718-I-Y-X	1064	13	0.06	0.71	High Efficiency
MS-734-I-Y-A	1064	6	0.024	0.12	High Efficiency
MS-738-I-Y-A	1064	8	0.096	0.67	High Efficiency
MS-768-I-Y-X	1064	7	0.017	0.1	High Efficiency
MS-777-I-Y-X	1064	9	0.056	0.45	High Efficiency
MS-780-I-Y-A	1064	8	0.14	1	High Efficiency
MS-802-I-Y-A	1064	50	0.27	13.43	
MS-873-I-Y-A	1064	4	0.026	0.079	High Efficiency
MS-876-I-Y-X	1064	5	0.75	3	High Efficiency
MS-886-I-Y-X	1064	7	0.22	1.34	High Efficiency
MS-893-I-Y-A	1064	4	0.23	0.7	High Efficiency
MS-923-I-Y-X	1064	5	0.047	0.19	High Efficiency
TS-220-I-Y-A	1064	3	7.64	15.29	
TS-234-I-Y-A	1064	3	15.43	30.85	
TS-236-I-Y-A	1064	3	1.83	3.67	
TS-237-I-Y-A	1064	3	1.69	3.39	
TS-239-I-Y-A	1064	3	1.56	3.13	
TS-240-I-Y-A	1064	3	1.45	2.9	
TS-241-I-Y-A	1064	3	1.35	2.71	
TS-242-I-Y-A	1064	3	1.22	2.44	
TS-257-I-Y-A	1064	3	15.43	30.85	
TS-289-I-Y-A	1064	3	0.047	0.095	High Efficiency