

Laser power in μW measured in the sample plane for different settings of laser power percentage (0.2 – 50) and with different objectives (measured on 04/08/2020).

20x/0.8		405	458	488	514	561	633
0.2		7.6	0.8	3.1	12	13	3.1
0.5		19	1.5	8.6	15	34	8.7
1		38	2.7	18	19	67	18
5		188	12	93	48	340	97
10		375	24	186	85	684	196
50		1884	123	927	416	3434	980
LD-20x/0.4		405	458	488	514	561	633
0.2		6.8	0.3	1.2	4.7	5.2	1.1
0.5		17	0.6	3.4	5.9	13	3.1
1		34	1.0	6.9	7.6	26	6.6
5		166	4.6	36	19	132	35
10		331	9.3	72	34	265	70
50		1659	46	359	162	1334	349
LD-40x/0.6		405	458	488	514	561	633
0.2		4.4		0.8	2.9	3.2	0.7
0.5		13	0.4	2.1	3.6	8.0	1.9
1		27	0.6	4.2	4.7	16	4
5		130	2.8	22	12	80	21
10		259	5.5	44	21	161	42
50		1303	28	218	100	811	212
40x/1.3		405	458	488	514	561	633
0.2		6.4	0.6	2.6	10	12	2.8
0.5		16	1.3	7.3	13	31	7.7
1		32	2.2	15	17	61	16
5		161	10	79	42	310	86
10		321	20	158	75	625	173
50		1614	101	794	361	3144	867
63x/1.4		405	458	488	514	561	633
0.2		4.5	0.4	1.5	5.7	6.8	1.6
0.5		11	0.7	2.2	7.2	17	4.1
1		22	1.2	8.3	9.4	34	8.5
5		106	5.2	44	23	172	44
10		211	11	87	41	347	89
50		1064	53	435	198	1744	448
100x/1.4		405	458	488	514	561	633
0.2		2.7		0.7	2.5	2.6	0.7
0.5		6.8	0.3	1.8	3.1	6.6	1.9
1		14	0.5	4.9	3.9	13	3.9
5		67	2.3	19	9.8	66	21
10		134	4.7	38	17	134	41
50		674	23.4	187	84	672	206