

PSL size	Gas	$C_c/\mu$	Nominal $\lambda = 0.24$					Nominal $\lambda = 0.45$				
			Exp. $\lambda$	Rotation speed [rpm]	Peak voltage [V]	Mass [Kg]	$\bar{S}$	Exp. $\lambda$	Rotation speed [rpm]	Peak voltage [V]	Mass [Kg]	$\bar{S}$
50 <sup>a</sup> nm	CO <sub>2</sub>	$2.35 \times 10^5$	0.239	10 117	9.6	$5.59 \times 10^{-20}$	0.744	0.411	13 268	17.1	$5.79 \times 10^{-20}$	0.775
	Air	$2.68 \times 10^5$	0.244	9509	11.4	$7.52 \times 10^{-20}$	1.000	0.419	12 471	19.5	$7.47 \times 10^{-20}$	1.000
	O <sub>2</sub>	$2.42 \times 10^5$	0.248	9955	13.5	$8.12 \times 10^{-20}$	1.080	0.427	13 056	23.3	$8.14 \times 10^{-20}$	1.090
100 <sup>b</sup> nm	CO <sub>2</sub>	$1.47 \times 10^5$	0.230	6333	39.4	$5.85 \times 10^{-19}$	0.966	0.460	8956	79.3	$5.89 \times 10^{-19}$	0.985
	Air	$1.56 \times 10^5$	0.252	6387	41.5	$6.06 \times 10^{-19}$	1.000	0.504	9033	81.8	$5.98 \times 10^{-19}$	1.000
	O <sub>2</sub>	$1.44 \times 10^5$	0.250	6610	47.2	$6.44 \times 10^{-19}$	1.062	0.499	9348	94.3	$6.43 \times 10^{-19}$	1.076