

Objectives

Property	SILL S4LFT1920/328 *	SILL S4LFT0910/328*	SILL S4LFT0635/126*
Effective focal length	1,920 mm	910 mm	635 mm
Working Distance	2,000 mm	1,050 mm	733 mm
Scan field	1,500 x 300 mm ²	500 x 500 mm ²	365 x 365 mm ²
Wavelength	1,064 nm	1,064 nm	1,064 nm
Pulse duration	fs, ps, ns, cw	fs, ps, ns, cw	fs, ps, ns, cw
Spotsize (focus)	> 170 µm	> 67 µm	> 52 µm

Property	SILL S4LFT0420/126*	Wavelength O-E SL-1070-260X26-360Q- D22*	Sill S4LFT1270/328 *
Effective focal length	420 mm	350 mm	270 mm
Working Distance	480 mm	472 mm	300 mm
Scan field	240 x 240 mm ²	261 x 26,1 mm ²	160 x 160 mm ²
Wavelength	1,064 nm	1,070 nm	1,064 (1,030 – 1,090) nm
Pulse duration	fs, ps, ns, cw	fs, ps, ns, cw	fs, ps, ns, cw
Spotsize (focus)	> 40 µm	> 33 µm	> 25 µm

Property	JENar™ 255-1030...1080-239*	Wavelength O-E SL-532-210-400Q-D20	Sill S4LFT5365/126*
Effective focal length	255 mm	400 mm	163 mm
Working Distance	290 mm	560 mm	198 mm
Scan field	100 x 80 mm ²	210 x 210 mm ²	70 x 70 mm ²
Wavelength	1,030 – 1,080 nm	532 nm	1,064 nm
Pulse duration	fs, ps, ns, cw	fs, ps, ns, cw	fs, ps, ns, cw
Spotsize (focus)	> 24 µm	> 20 µm	> 16 µm

Property	Wavelength O-E SL-515-275x27,5-365Q- D22	Wavelength O-E SL-515-175x17,5-300Q- D20	Wavelength O-E SL-355-210-400Q-D20*
Effective focal length	360 mm	300 mm	400 mm
Working Distance	486 mm	433 mm	560 mm
Scan field	275x27,5 mm ²	175x17,5 mm ²	210 x 210 mm ²
Wavelength	515 nm	515 nm	355 nm
Pulse duration	fs, ps, ns, cw	fs, ps, ns, cw	fs, ps, ns, cw
Spotsize (focus)	> 16 µm	> 14 µm	> 13 µm

Property	Wavelength O-E TSL-355-100-294-D30*		
Effective focal length	294 mm		
Working Distance	392 mm		
Scan field	100 x 100 mm ²		
Wavelength	355 nm		
Pulse duration	fs, ps, ns, cw		
Spotsize (focus)	> 6 μm		

* tested

technical status as of 25.4.2023, subject to change