

## SL-FS Series –Scan Lens made by Fused Silica

Part No.	EFL (mm)	Scan Field (mm)	*Spot Size (μm)	Entrance pupil (mm)	Scan Angle (±°)	Thread	Length (mm)	WD (mm)	Wavelength
SL-1064-142-277FS	277.0	142x142	32.5	15.0	21.0	M85x1	66.1	347.5	1030-1090nm
SL-1064-280-420FS	420.0	280x280	54.5	14.0	13.5	M85x1	66.6	506.3	1030-1090nm
SL-532-74-113FS	113.0	74x74	18.5	6.0	27.2	M85x1	65.8	140.5	532nm
SL-532-90-103FS	103.0	90x90	24.0	10.0	22.8	M85x1	77.28	204.6	532nm
SL-532-115-165FS	165.0	115x115	21.5	10.0	29.4	M85x1	77.2	220.7	532nm

NOTE: SL-FS Series Scan lenses of different specs are available upon request  
\*spot size for reference only

## Achromatic Series -Scan Lens

With CCD camera been equipped into laser scanning system, Achromatic scan lens is developed to color correct different wavelengths images.

The focal length, working distance and focus spot are identically for both laser working wavelength and visible wavelength, it will help CCD to capture the actual image through F-theta scan lens, generally low dispersion crown glass and high dispersion flint glass are jointly used to correct the chromatic aberration.



Part No.	EFL (mm)	Scan Field (mm)	*spot size (μm)	Entrance pupil (mm)	Scan Angle (±°)	Thread	Length (mm)	WD (mm)	Wavelength
SL-1064-635-100-163	163.0	100x100	22.5	12.0	25.5	M85x1	87.6	157.6	1064/635nm
SL-1064-635-180-260	260.0	180x180	28.0	15.0	28.3	M85x1	102.3	261.4	1064/635nm
SL-1064-532-100-163	163.0	100x100	21.0	12.0	25.0	M85x1	78.2	159.7	1064/532nm
SL-1064-532-175-254	254.0	175x175	25.0	15.0	28.0	M85x1	101.8	262.8	1064/532nm
SL-532-635-100-163	163.0	100x100	12.4	10.0	24.8	M85x1	110.9	121.0	532/635nm
SL-355-635-90-170	170.0	90x90	14.0	10.0	21.5	M85x1	126.2	116.1	355/635nm
SL-355-635-110-220	220.0	110x110	11.5	10.0	20.2	M85x1	115.1	166.3	355/635nm
SL-355-635-212-328	328.0	212x212	45.0	6.0	17.9	M85x1	108.7	265.2	355/635nm
SL-355-532-90-170	170.0	90x90	13.1	10.0	21.5	M85x1	124.0	125.6	355/532nm

NOTE: Achromatic Scan lenses of different specs are available upon request  
\*spot size for reference only