

S5LPJ4440

IMAGING LENS 4.0/40mm RGB-NIR

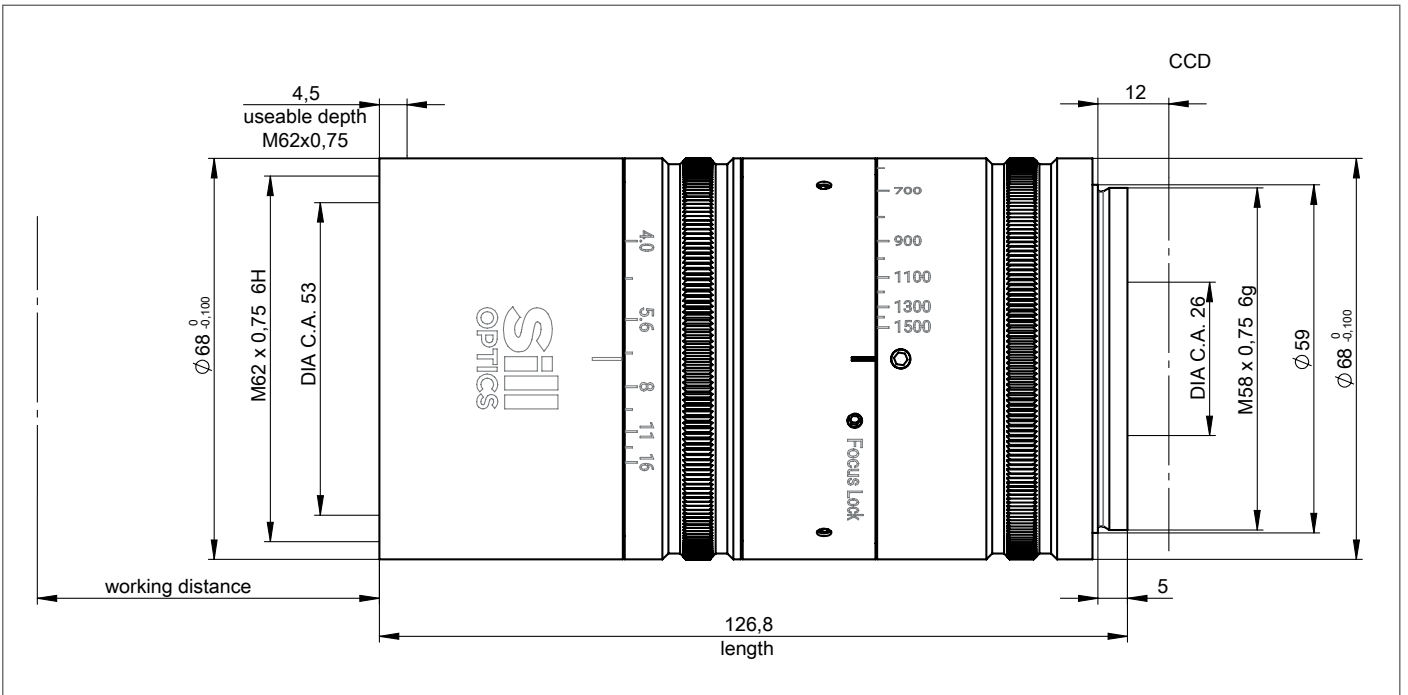
400-950nm WITH M58 X 0.75

Focal length	40.0 mm
Max. F#	4.0
Recommended F#	5.6
Waveband	400-950 nm
Working distance	350-1200 mm
max. sensor diagonal	41.0 mm
Magnification	0.104 (@WD350 mm) – 0.032 (@WD1200 mm)
Length	140.5 mm (@infinity)
max. Diameter	Ø 68 mm
Filter thread	M62x0.75
Mounting Thread	M58x0.75
Back flange distance	12.0 mm
Max. chief ray angle	19.9°
Max. distortion	0.68 %
Transmission @400-950 nm	>85 %
Weight	0.8 kg



ILLUSTRATION ONLY - **PRELIMINARY**

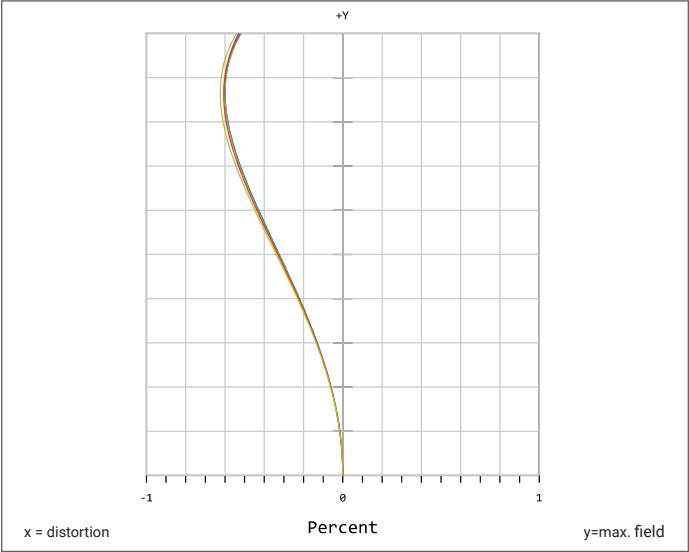
OUTLINE DRAWING **PRELIMINARY**



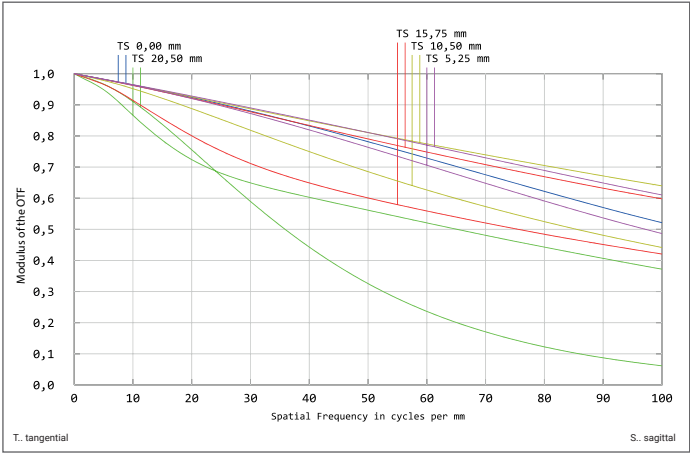
SPECIFICATIONS

Working distance [mm]	magnification	length [mm]
350	0.104	143.4
400	0.092	
450	0.082	
500	0.074	
600	0.063	141.7
700	0.054	
800	0.048	
900	0.043	140.9
1000	0.039	
1100	0.035	
1200	0.032	140.5

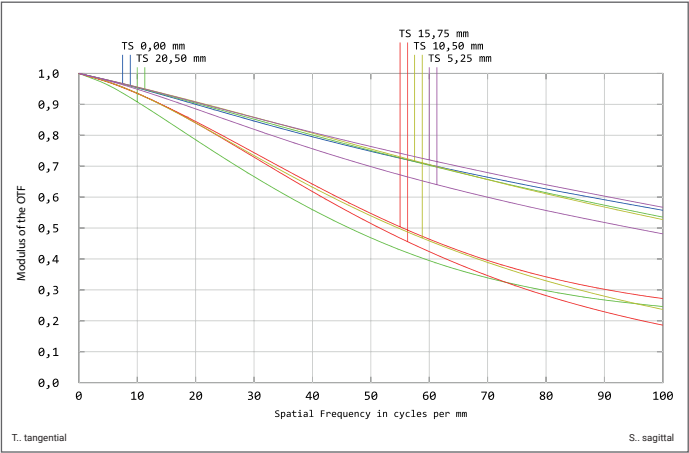
DISTORTION FOR 400-950 nm



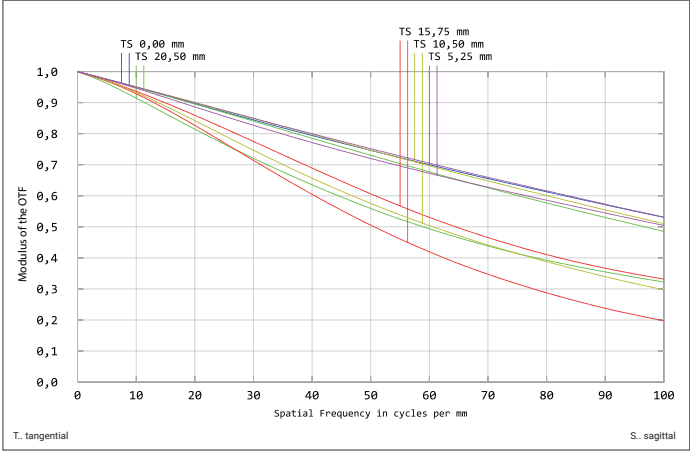
MTF FOR VARIOUS OBJECT HEIGHTS AT 460 nm



MTF FOR VARIOUS OBJECT HEIGHTS AT 540 nm



MTF FOR VARIOUS OBJECT HEIGHTS AT 630 nm



MTF FOR VARIOUS OBJECT HEIGHTS AT 850 nm

