

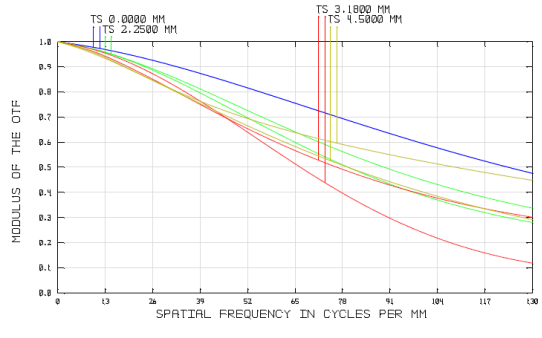
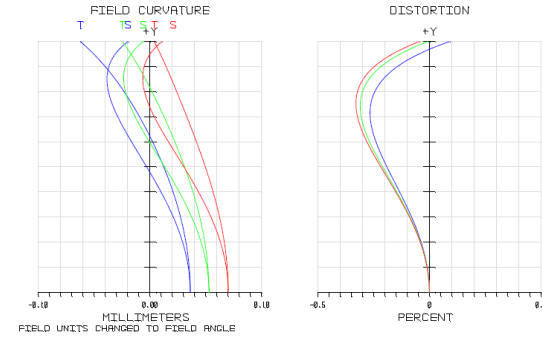
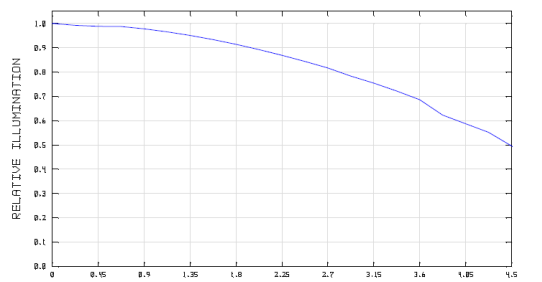
M12 Lens 8mm F2.5

SVL-0825MAC



Focal Length		8mm			
F Number		f2.5			
Iris		Non Adjustable			
Mount		M12			
Format		1/1.8"			
IR Block		No IR Block			
Resolution		3MP			
Field of View (D/H/V)		1/1.8"	1/2"	1/3"	
		D	57.52	53.13	44.11
		H	47.8	43.6	33.4
		V	36.82	33.4	25.36
Operating Temperature		-20~+60°C			
Distortion		<-0.33%			
Back Focus		7.26mm			
Working Distance		0.1m~0.5m			
Design Wavelength		400-950nm			

Optical Design Report

1	2	3	4
MTF	Field Curvature & Distortion	Relative Illumination	Spot Diagram
WD = 300mm			
			
POLYCHROMATIC DIFFRACTION MTF		FIELD CURVATURE / F-TAN (THETA) DISTORTION	
TUE JAN 16 2018 DATA FOR 0.4861 TO 0.6563 μm SURFACE: IMAGE	0825MAC.ZMX CONFIGURATION 1 OF 1	TUE JAN 16 2018 MAXIMUM FIELD IS 28.985° WAVELENGTHS: 0.486 / 0.588 / 0.656	0825MAC.ZMX CONFIGURATION 1 OF 1
			
RELATIVE ILLUMINATION		SPOT DIAGRAM	
TUE JAN 16 2018 WAVELENGTH: 0.587562 μm	0825MAC.ZMX CONFIGURATION 1 OF 1	0825MAC.ZMX CONFIGURATION 1 OF 1	

