

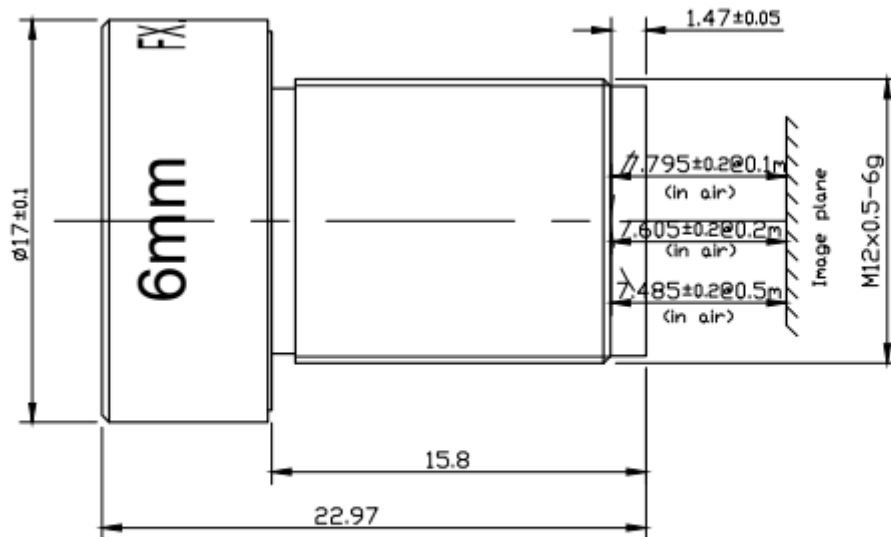
M12 Lens 6mm F2.5

SVL-0625SMAC



Focal Length	6mm
F Number	f2.5
Iris	Non Adjustable
Mount	M12
Format	1/1.8"
IR Block	No IR Block
Resolution	3MP
Field of View	72° (D) x 61.2° (H) x 47.2° (V)
Distortion	<-2.0%
Back Focus	7.402mm
Design Wavelength	400-950nm
TTL	29.22mm
Optimum Working Distance	0.2m
CRA	19.46°
Operating Temperature	-20°C~+65°C

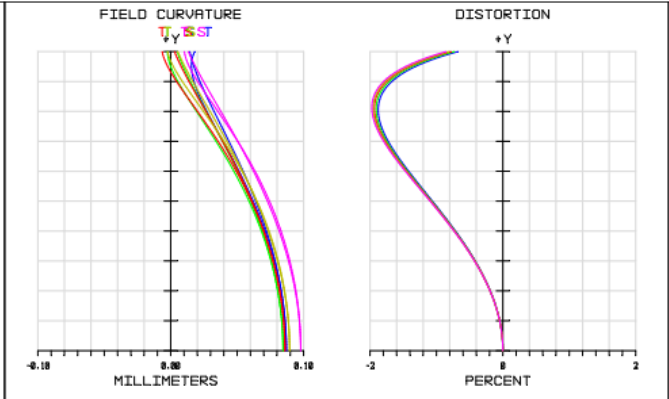
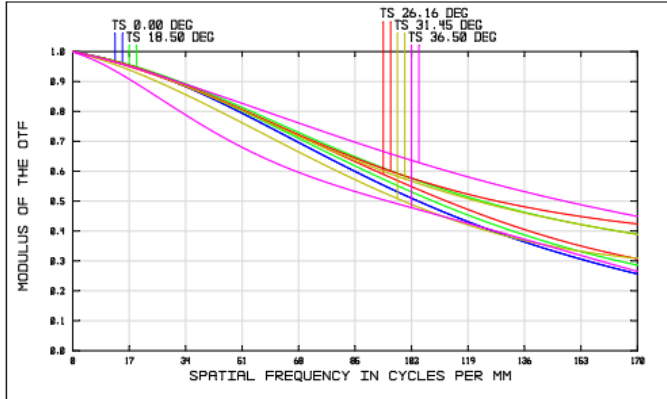
Lens Construction	9-6
Working Distance	0.1m -∞
Dimensions	17 x 22.97 mm
Weight	9.0g
Wavelength	400nm-950nm



Unit:mm

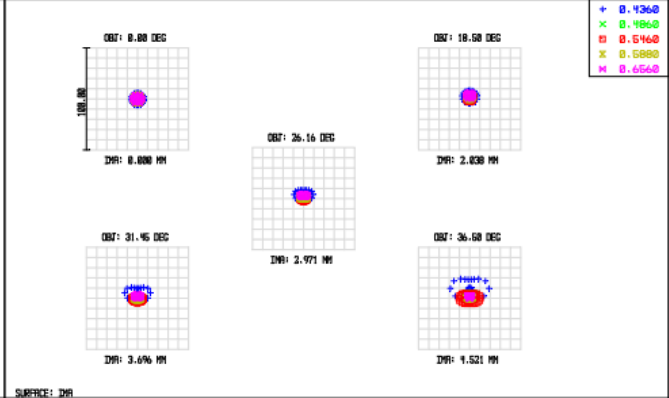
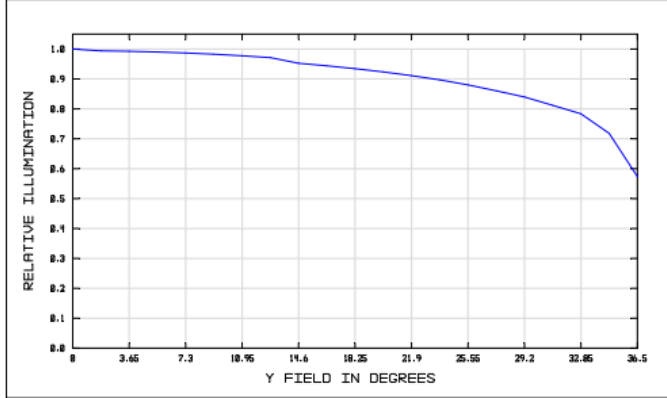


PRODUCT SPECIFICATION



POLYCHROMATIC DIFFRACTION MTF
NEW LENS FROM CVMACRO:CVNEWLENS.SEQ
THU AUG 17 2017
DATA FOR 0.4360 TO 0.6560 μm.
SURFACE: IMAGE
Ø625SMAC.ZMX
CONFIGURATION 1 OF 1

FIELD CURVATURE / F-TAN(THETA) DISTORTION
NEW LENS FROM CVMACRO:CVNEWLENS.SEQ
THU AUG 17 2017
MAXIMUM FIELD IS 36.500 DEGREES
WAVELENGTHS: 0.436 0.486 0.546 0.588 0.656
Ø625SMAC.ZMX
CONFIGURATION 1 OF 1



RELATIVE ILLUMINATION
NEW LENS FROM CVMACRO:CVNEWLENS.SEQ
THU AUG 17 2017
WAVELENGTH: 0.546000 μm
Ø625SMAC.ZMX
CONFIGURATION 1 OF 1

SPOT DIAGRAM
NEW LENS FROM CVMACRO:CVNEWLENS.SEQ
THU AUG 17 2017 UNITS ARE μm.
FIELD: 1 2 3 4 5
RMS RADIUS: 2.739 3.225 2.935 3.342 4.999
CEN RADIUS: 6.336 8.393 10.738 14.208 22.960
SCALE BAR: 100 REFERENCE: CHIEF RAY
Ø625SMAC.ZMX
CONFIGURATION 1 OF 1