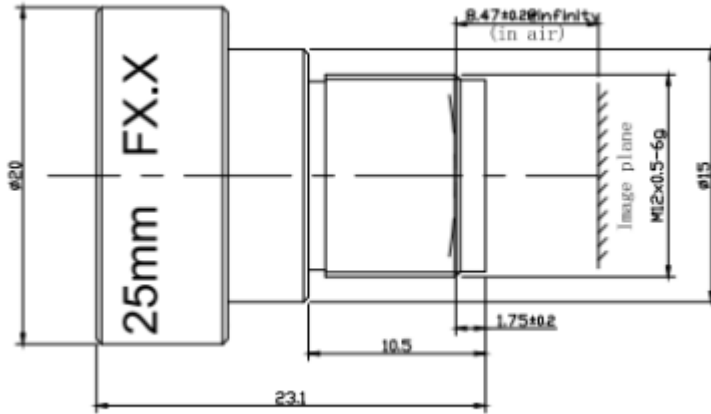


M12 Lens 25mm F2.0

SVL-F2520FM-1



Focal Length	25mm	Design Wavelength	400nm-950nm
F Number	f2.0	FOV 2/3"	24.81° (D) 20° (H) 15.04° (V)
Iris	Non Adjustable	Dimensions	20 x 23.1mm
Mount	M12	Lens Construction	6-4
Format	2/ 3"	CRA	13.6°
IR Block	No IR Block	Relative Illuminate	45%
Resolution	10MP	Lens Construction	6-4
Distortion	<-0.17%	Suitable Distance	0.7-∞m
Back Focus	8.47mm	Operating Temp	-20°C~+65°C
Working Distance	0.7m - ∞	TTL	29.81mm





设计结果报告 (Optical Design Report)

1	2	3	4																				
传递函数图 (MTF)	场曲畸变图 (Field Curvature&Distortion)	相对照度图 (Relative Illumination)	星点图 (Spot Diagram)																				
WD=∞																							
<p>POLYCHROMATIC DIFFRACTION MTF</p>	<p>FIELD CURVATURE / F-TAN(THETA) DISTORTION</p>	<p>FRI AUG 18 2017 DATA FOR 0.4861 TO 0.6563 μm. SURFACE: IMAGE</p> <p>F2520FM - .ZMX CONFIGURATION 1 OF 1</p>																					
<p>RELATIVE ILLUMINATION</p>	<p>SURFACE: IM1 SPOT DIAGRAM</p>																						
<p>FRI AUG 18 2017 WAVELENGTH: 0.587562 μm</p> <p>F2520FM - .ZMX CONFIGURATION 1 OF 1</p>	<p>FRI AUG 18 2017 UNITS ARE μm.</p> <table border="1"> <tr> <td>FIELD :</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> </tr> <tr> <td>RMS RADIUS :</td> <td>1.490</td> <td>1.845</td> <td>2.252</td> <td>2.883</td> </tr> <tr> <td>GDQ RADIUS :</td> <td>3.576</td> <td>3.768</td> <td>5.382</td> <td>4.790</td> </tr> <tr> <td>SCALE BAR :</td> <td colspan="4">REFERENCE : CHIEF RAY</td> </tr> </table> <p>F2520FM - .ZMX CONFIGURATION 1 OF 1</p>		FIELD :	1	2	3	4	RMS RADIUS :	1.490	1.845	2.252	2.883	GDQ RADIUS :	3.576	3.768	5.382	4.790	SCALE BAR :	REFERENCE : CHIEF RAY				<p>FRI AUG 18 2017 MAXIMUM FIELD IS 12.400 DEGREES WAVELENGTHS: 0.486 0.588 0.656</p> <p>F2520FM - .ZMX CONFIGURATION 1 OF 1</p>
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