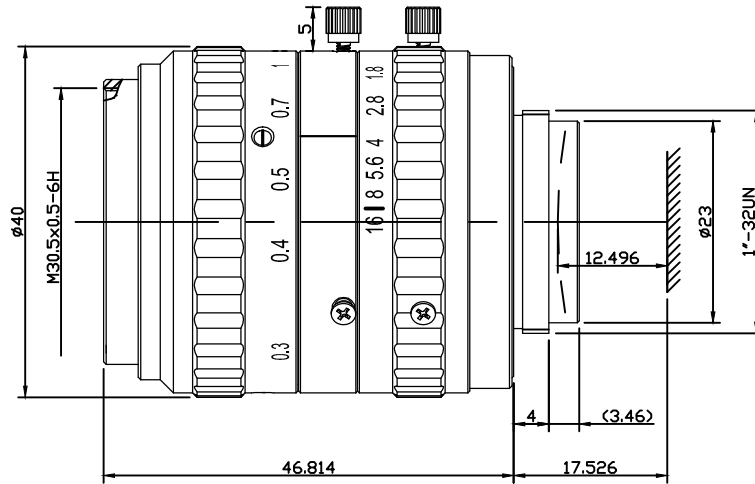


## 产品技术规格书 (Product Technical Specification)

No.	名称 (Name)	规格 (Specification)	No.	名称 (Name)	规格 (Specification)	
1	型号(Model)	AZURE-2518SWIR	14	视场角 F.O.V(DxVxH)	1" 1 2/3 1/2	
2	物料代码(Material Code)	3. A01. 010251801-1			D	35.49 24.81 18.18
3	靶面格式(Image Format)	1"			H	28.5 19.96 14.59
4	分辨率 (Resolution)	5MP			V	21.74 15.04 10.97
5	焦距(Focal Length)	25mm	15	接口(Mount)	C	
6	后截距(Back Focus)	12.496mm	16	适用物距 (Suitable Distance)	0.3-∞m	
7	F值(F/ No.)	1.8	17	最佳物距 (Optimum Working Distance)	1-∞m	
8	光圈(Iris Type)	Manual	18	镀膜(Coating)	900nm-1700nm	
9	畸变(Distortion)	<-0.5%	19	外形尺寸(Dimension)	φ40×46.81mm	
10	通光口径 (Lens Effective Diameter)	前面(Front)	φ24.19	20	重量(Weight)	146g
		后面(Back)	φ19.76	21	工作温度 (Operating Temperature)	-20℃~+60℃
11	相对照度 (Relative Illuminate)	55%	22	镜头组成 (Lens Construction)	9-7	
12	光学总长(TTL)	59.639mm	23	最大主光线入射角 (CRA)	0.65°	
13	设计波长(Design Wavelength)	900-1700nm	24	滤镜尺寸(Filter Thread)	M30.5×0.5	

Size:



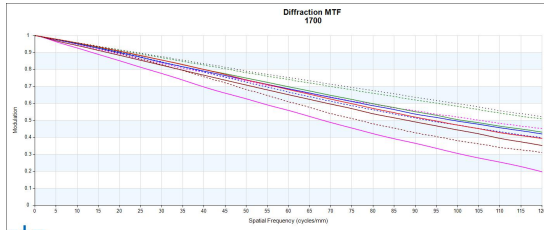
Unit:mm

Draw	Check	Recheck	Approval	福建浩蓝光电有限公司 AZURE Photonics Co.,Ltd

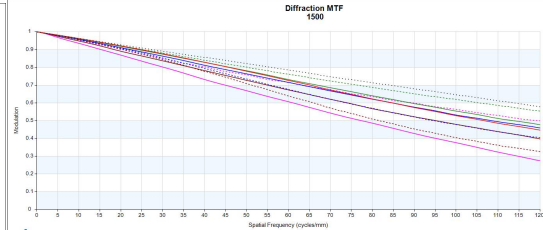
# 设计结果报告 (Optical Design Report)

1	2	3	4	5	6	7
传递函数图 1 (MTF 1)	传递函数图 2 (MTF 2)	传递函数图 3 (MTF 3)	传递函数图 4 (MTF 4)	传递函数图 5 (MTF 5)	场曲畸变图 (Field Curvature&Distortion)	相对照度图 (Relative Illumination)

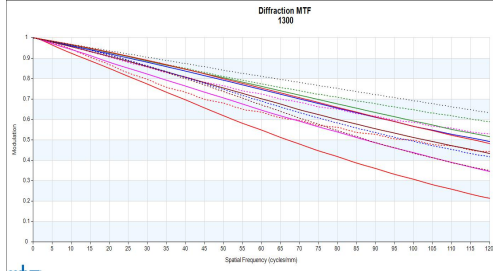
WD=5000mm



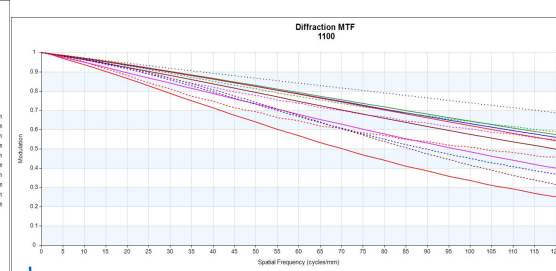
cobv -R25181-R1R25181_110 19-Jul-16	Position:	1	Wavelength (nm)	Weight
	Defocusing:	0.000 mm	1700.0000 1500.0000 1300.0000 1100.0000 900.0000	1 0 0 0 0



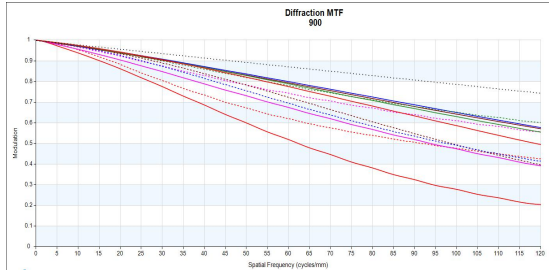
cobv -R25181-R1R25181_110 19-Jul-16	Position:	2	View Weight (lens)	Weight
	Defocusing:	0.000 mm	1700.0000 1500.0000 1300.0000 1100.0000 900.0000	0 1 0 0 0



cobv -R25181-R1R25181_110 19-Jul-16	Position:	3	Wavelength (nm)	Weight
	Defocusing:	0.000 mm	1300.0000 1200.0000 1100.0000 900.0000	0 0 1 0



cobv -R25181-R1R25181_110 19-Jul-16	Position:	4	Wavelength (nm)	Weight
	Defocusing:	0.000 mm	1100.0000 1000.0000 1000.0000 1000.0000 900.0000	0 0 1 0 0



cobv -R25181-R1R25181_110 19-Jul-16	Position:	5	Wavelength (nm)	Weight
	Defocusing:	0.000 mm	900.0000 1000.0000 1000.0000 1000.0000 900.0000	0 0 1 0 0

