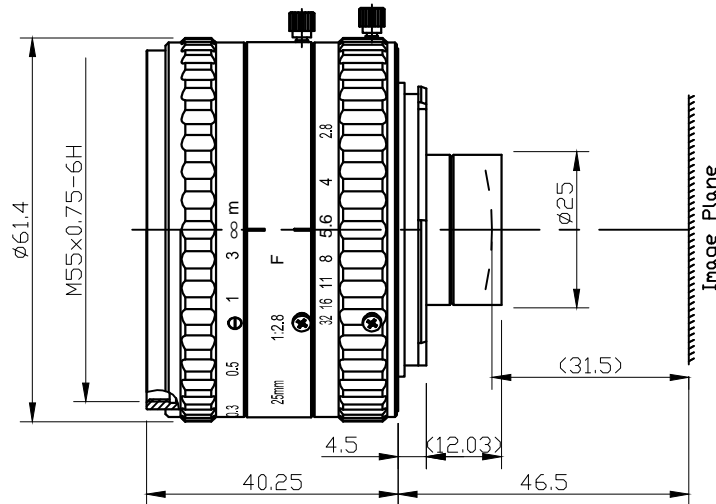


产品技术规格书 (Product Technical Specification)

No.	名称 (Name)	规格 (Specification)	No.	名称 (Name)	规格 (Specification)	
1	型号 (Model)	AZURE-2528MF	14	视场角 F.O.V(DxVxH)	43mm 4/3 1	
2	物料代码 (Material Code)	3. A01. 012528MF			D	82.30 48.46 35.49
3	靶面格式 (Image Format)	43mm			H	72.00 39.60 28.50
4	分辨率 (Resolution)	10MP			V	51.10 30.86 21.74
5	焦距 (Focal Length)	25mm	15	接口 (Mount)	F口	
6	后截距 (Back Focus)	31.5mm	16	适用物距 (Suitable Distance)	0.15-∞m	
7	F值 (F/ No.)	2.8	17	最佳物距 (Optimum Working Distance)	0.651m	
8	光圈 (Iris Type)	Manual	18	镀膜 (Coating)	400-950nm	
9	畸变 (Distortion)	<-3.7%	19	外形尺寸 (Dimension)	Φ 61.4 × 40.25mm	
10	通光口径 (Lens Effective Diameter)	前面 (Front)	Φ 43.14mm	20	重量 (Weight)	269.3g
		后面 (Back)	Φ 17.75mm	21	工作温度 (Operating Temperature)	-20° C ~ +65° C
11	相对照度 (Relative Illuminate)	23.8%	22	镜头组成 (Lens Construction)	11-8	
12	光学总长 (TTL)	87mm	23	最大主光线入射角 (CRA)	23.78°	
13	设计波长 (Design Wavelength)	400~950nm	24	滤镜尺寸 (Filter Thread)	M55 × 0.75	

Size:



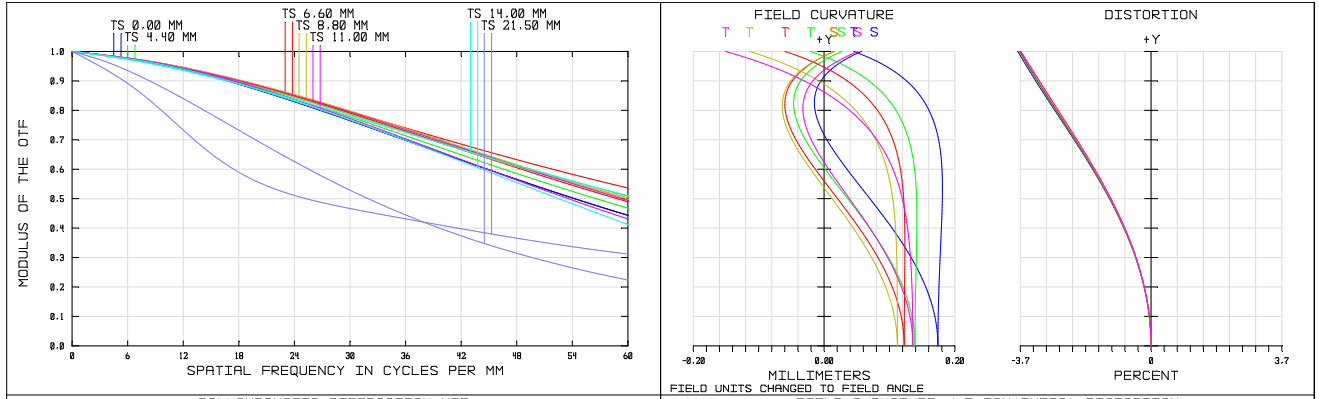
Unit:mm

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

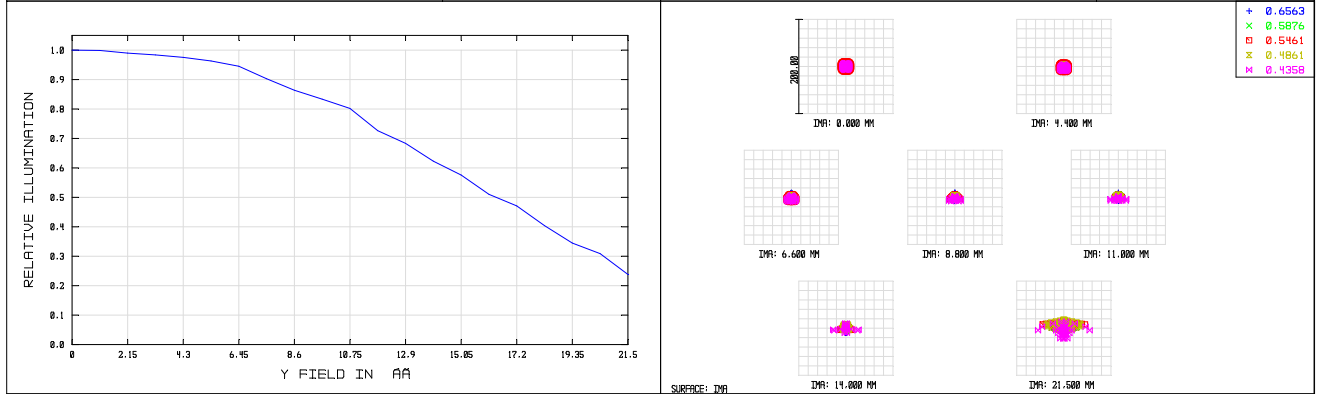
设计结果报告 (Optical Design Report)

1	2	3	4
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=651mm



<p>POLYCHROMATIC DIFFRACTION MTF</p> <p>Z4 THU AUG 17 2017 DATA FOR 0.4358 TO 0.6563 μm. SURFACE: IMAGE</p> <p style="text-align: center;">2528MF.ZMX CONFIGURATION 1 OF 4</p>	<p>FIELD CURVATURE / F-TAN(THETA) DISTORTION</p> <p>Z4 THU AUG 17 2017 MAXIMUM FIELD IS 41.019 DEGREES WAVELENGTHS: 0.656 0.588 0.546 0.486 0.436</p> <p style="text-align: center;">2528MF.ZMX CONFIGURATION 1 OF 4</p>
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<p>RELATIVE ILLUMINATION</p> <p>Z4 THU AUG 17 2017 WAVELENGTH: 0.546074 μm</p> <p style="text-align: center;">2528MF.ZMX CONFIGURATION 1 OF 4</p>	<p>SPOT DIAGRAM</p> <p>Z4 THU AUG 17 2017 UNITS ARE μm. FIELD : 1 2 3 4 5 6 7 RMS RADIIUS : 5.687 5.383 5.111 4.724 4.729 5.564 14.595 GEOM RADIIUS : 11.167 12.289 11.976 14.333 17.577 27.281 54.976 SCALE BAR : 200 REFERENCE : CHIEF RAY</p> <p style="text-align: center;">2528MF.ZMX CONFIGURATION 1 OF 4</p>
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