

單位：mm

產品型號：FAL0078-2K

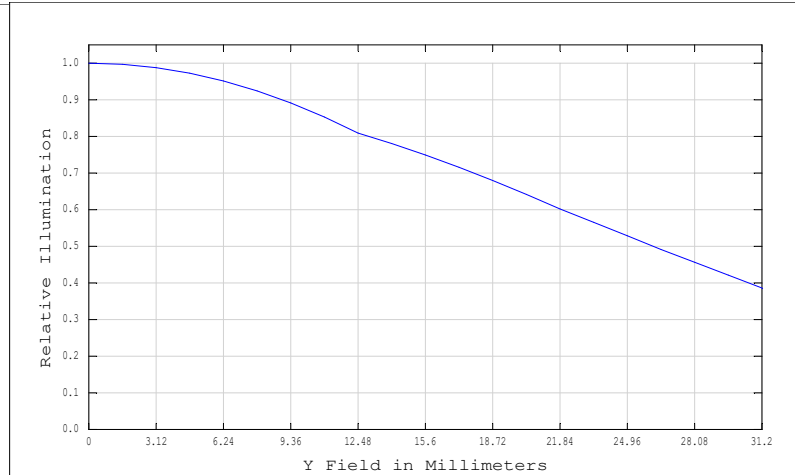
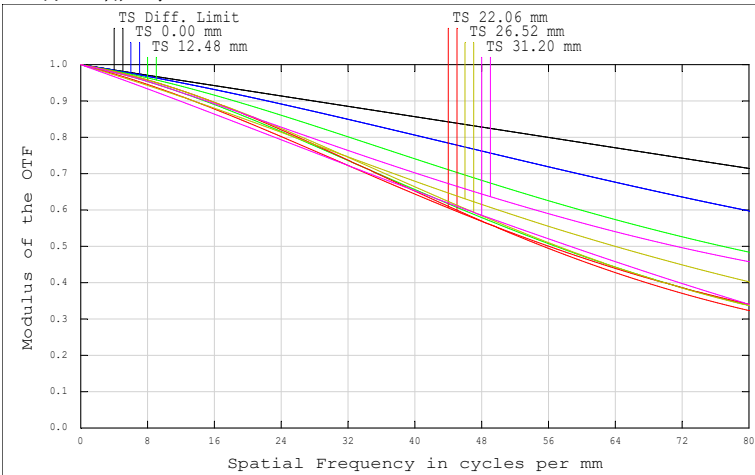
No.	項目		規格
1	CCD		60mm
2	焦距		80mm
3	接口		V口
4	光圈範圍		F4.0 — F22
5	對焦範圍		0.3m ~ ∞
6	視場角	8K7u/60mm	40.57°
		8K5u/40mm	27.70°
		4K7u/30mm	20.95°
		2K7u/15mm	10.57°
7	對象大小	8K5u/60mm	193.97mm
		8K5u/40mm	129.31mm
		4K7u/30mm	96.98mm
		2K7u/15mm	48.49mm
8	后焦距 (in air)		57.14 ~ 76.10mm
9	操作方式	對焦	手動
		光圈	手動
10	畸變率	8K5u/60mm	-0.11/0.08%@y=30mm(0.3m/inf)
		8K5u/40mm	-0.049/0.028%@y=20mm(0.3m/inf)
		4K7u/30mm	-0.026/0.017%@y=15mm(0.3m/inf)
		2K7u/15mm	-0.006/0.005%@y=7.5mm(0.3m/inf)
11	工作波長		486nm&587nm&656nm
	濾鏡尺寸		M39 × 0.5mm
12	鏡頭尺寸 (寬×長)		45 × 57.4mm
13	重量		165g
14	工作溫度		-10°C ~ +50°C

15	入瞳距離	21.1
16	入瞳直徑	20
17	出瞳距離	-77.74
18	出瞳直徑	19.18
19	光學總長	129.04
20	放大倍率	-0.3

對焦距離	放大倍率	前景深(mm)	后景深(mm)
325mm	-0.30933	0.692	0.695
350mm	-0.28232	0.802	0.806
400mm	-0.24042	1.047	1.053
450mm	-0.20937	1.325	1.333
500mm	-0.18543	1.635	1.646
550mm	-0.16653	1.978	1.992
600mm	-0.15091	2.353	2.372
650mm	-0.13807	2.761	2.785
700mm	-0.12723	3.201	3.230
750mm	-0.11799	3.673	3.710

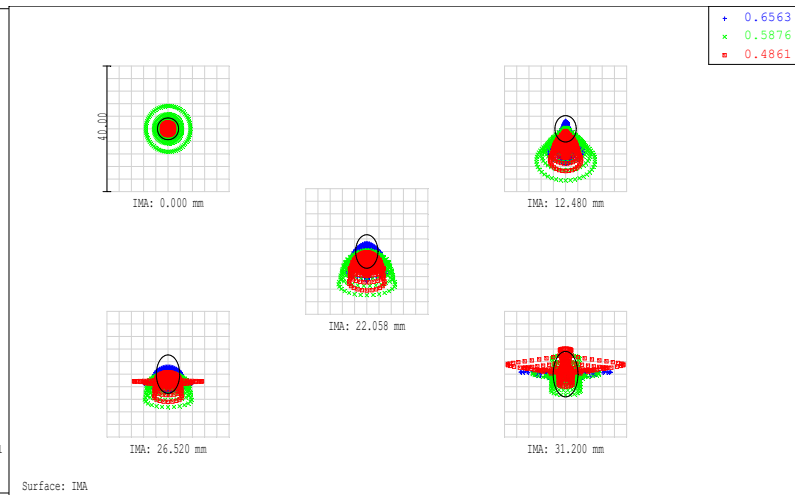
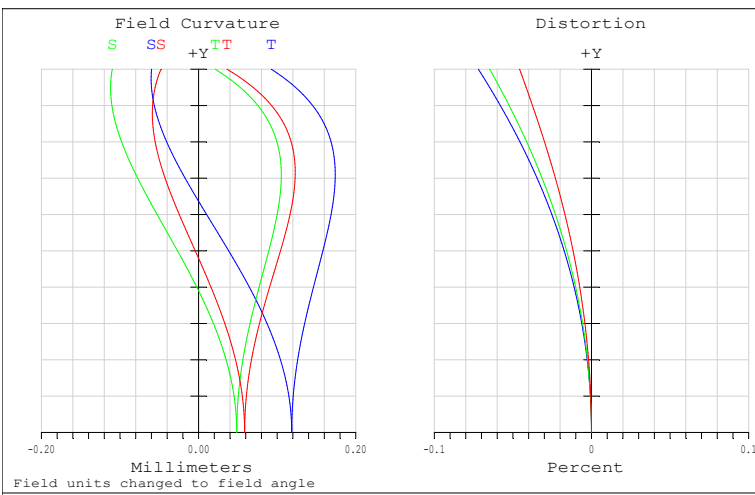
佛山華國光學器材有限公司

工作距離為550mm



80mm F4 line scan
2020/7/1
Data for 0.4861 to 0.6563 μm.
Surface: Image
80mm -f4 revA.ZMX
Configuration 1 of 6

80mm F4 line scan
2020/7/1
Wavelength: 0.587562 μm
80mm -f4 revA.ZMX
Configuration 1 of 6



80mm F4 line scan
2020/7/1
Maximum Field is 18.259 Degrees.
Wavelengths: 0.656 0.588 0.486
80mm -f4 revA.ZMX
Configuration 1 of 6

80mm F4 line scan
2020/7/1 Units are μm.
Field : 1 2 3 4 5
RMS radius : 2.627 6.525 6.102 4.561 4.569
GEO radius : 7.314 16.439 14.573 11.445 19.187
Scale bar : 40
Airy Radius: 3.46 μm
Reference : Chief Ray