

TECHNOLOGY REPORT

Marshall Electronics, Inc.

1910 East Maple Av, El Segundo, CA 90245 USA

TEL : 310-333-0606

FAX : 310-333-0688

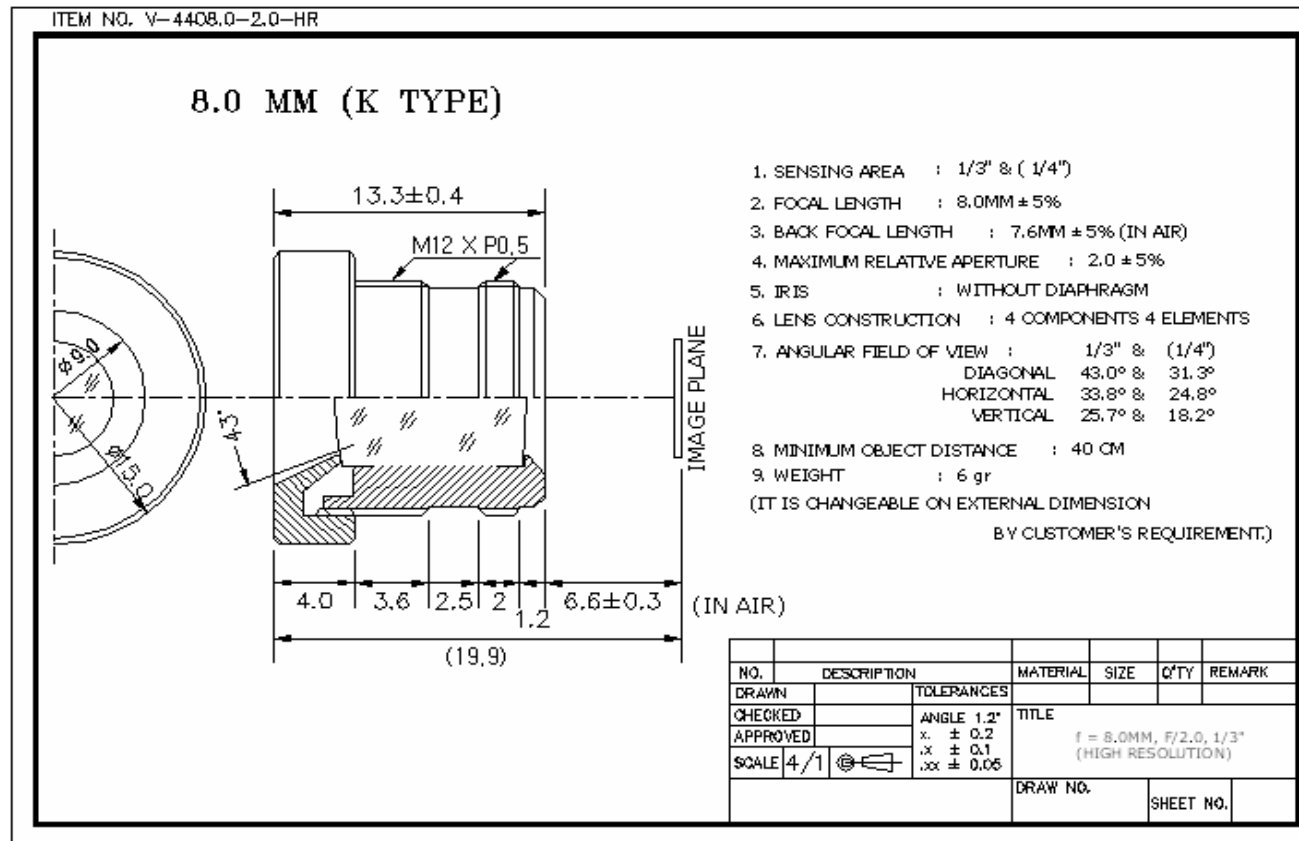
Website: www.mars-cam.com

Email: sales@mars-cam.com

V-4408.0-2.0-HR Lens

8.0mm F2.0 High Resolution CCTV Lens

Specification Sheet Date



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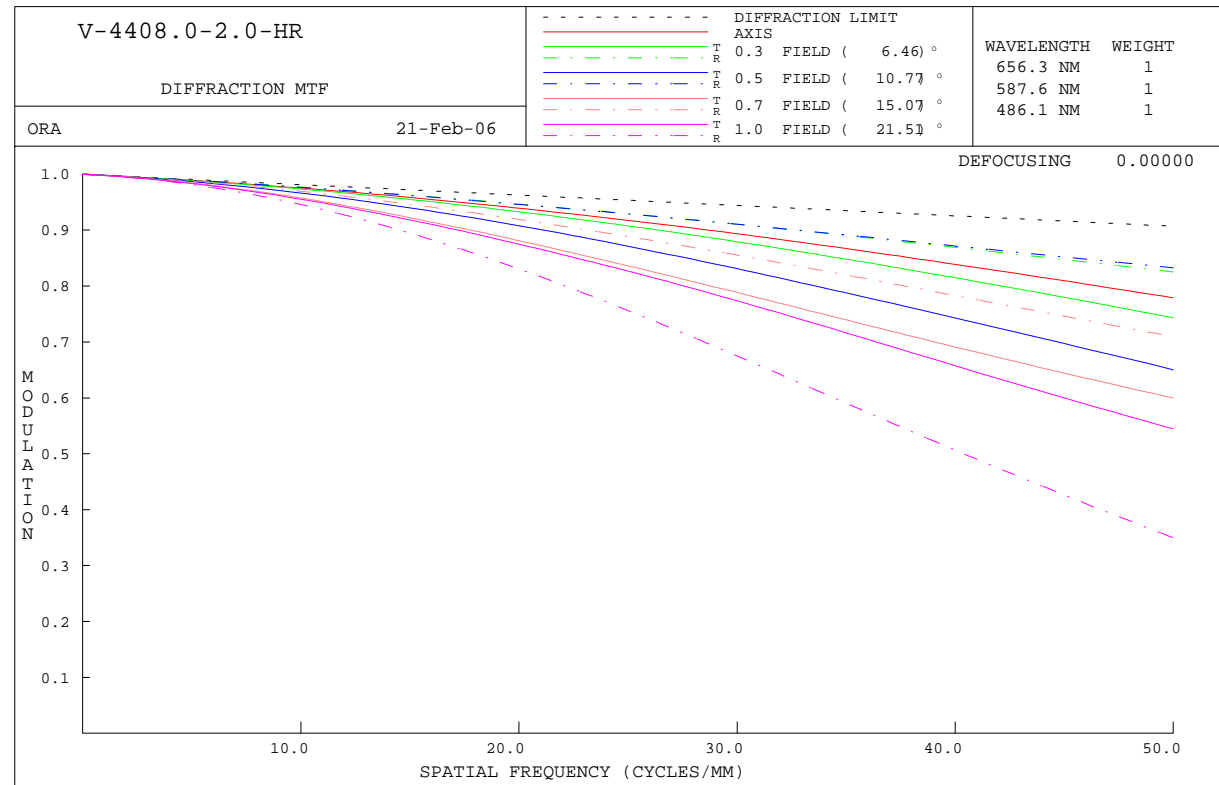
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MTF (modulation transfer function)



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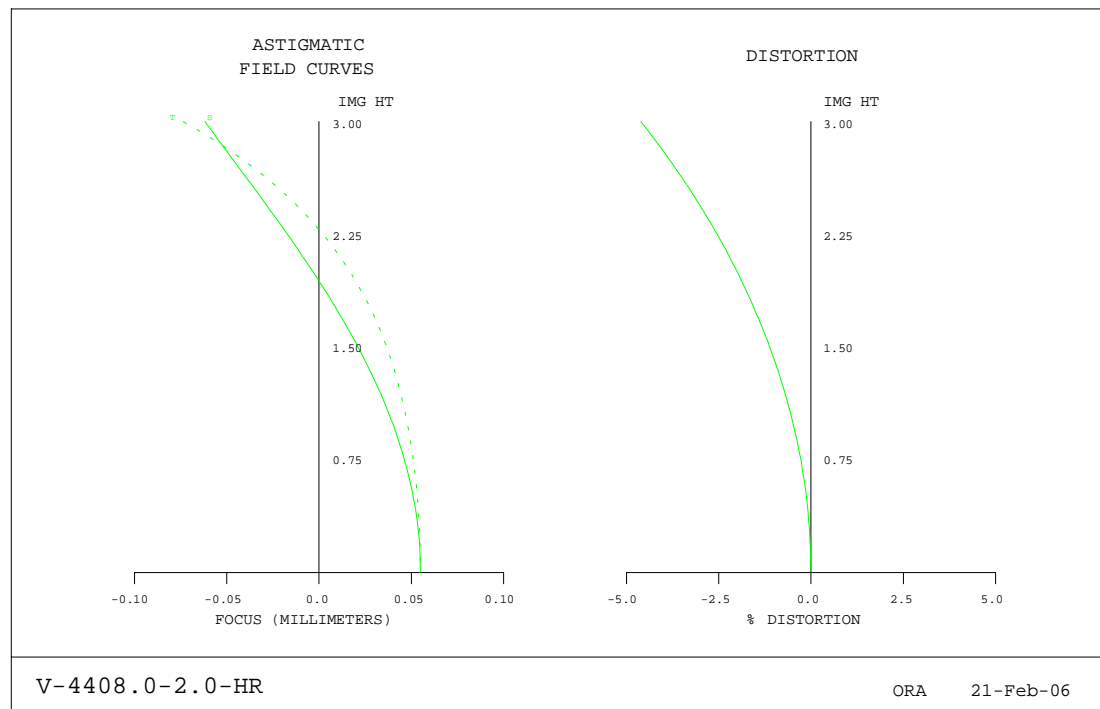
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Optical Distortion



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ROTATIONALLY SYMMETRIC FIELD ABERRATIONS

POSITION 1	V-4408.0-2.0-HR					
WAVELENGTH	587.6 NM					
RELATIVE	IMG HT	X-FOCUS	Y-FOCUS	X-FOCUS	Y-FOCUS	DISTORTION
FIELD HEIGHT	AT THE IMAGE SURFACE			(DISPLACED BY 0.000000)		(PER CENT)
0.00	0.00	0.055006	0.055006	0.055006	0.055006	0.00000
0.10	0.30	0.053599	0.054406	0.053599	0.054406	-0.04439
0.20	0.60	0.049404	0.052545	0.049404	0.052545	-0.17774
0.30	0.90	0.042500	0.049224	0.042500	0.049224	-0.40053
0.40	1.20	0.033019	0.044095	0.033019	0.044095	-0.71363
0.50	1.50	0.021154	0.036631	0.021154	0.036631	-1.11833
0.60	1.80	0.007161	0.026092	0.007161	0.026092	-1.61645
0.70	2.10	-0.008623	0.011456	-0.008623	0.011456	-2.21050
0.80	2.40	-0.025768	-0.008661	-0.025768	-0.008661	-2.90395
0.90	2.70	-0.043721	-0.036141	-0.043721	-0.036141	-3.70166
1.00	3.00	-0.061749	-0.073559	-0.061749	-0.073559	-4.61069

Units of focus are MILLIMETERS