

TECHNOLOGY REPORT

Marshall Electronics, Inc.

1910 East Maple Av, El Segundo, CA 90245 USA

TEL : 310-333-0606

FAX : 310-333-0688

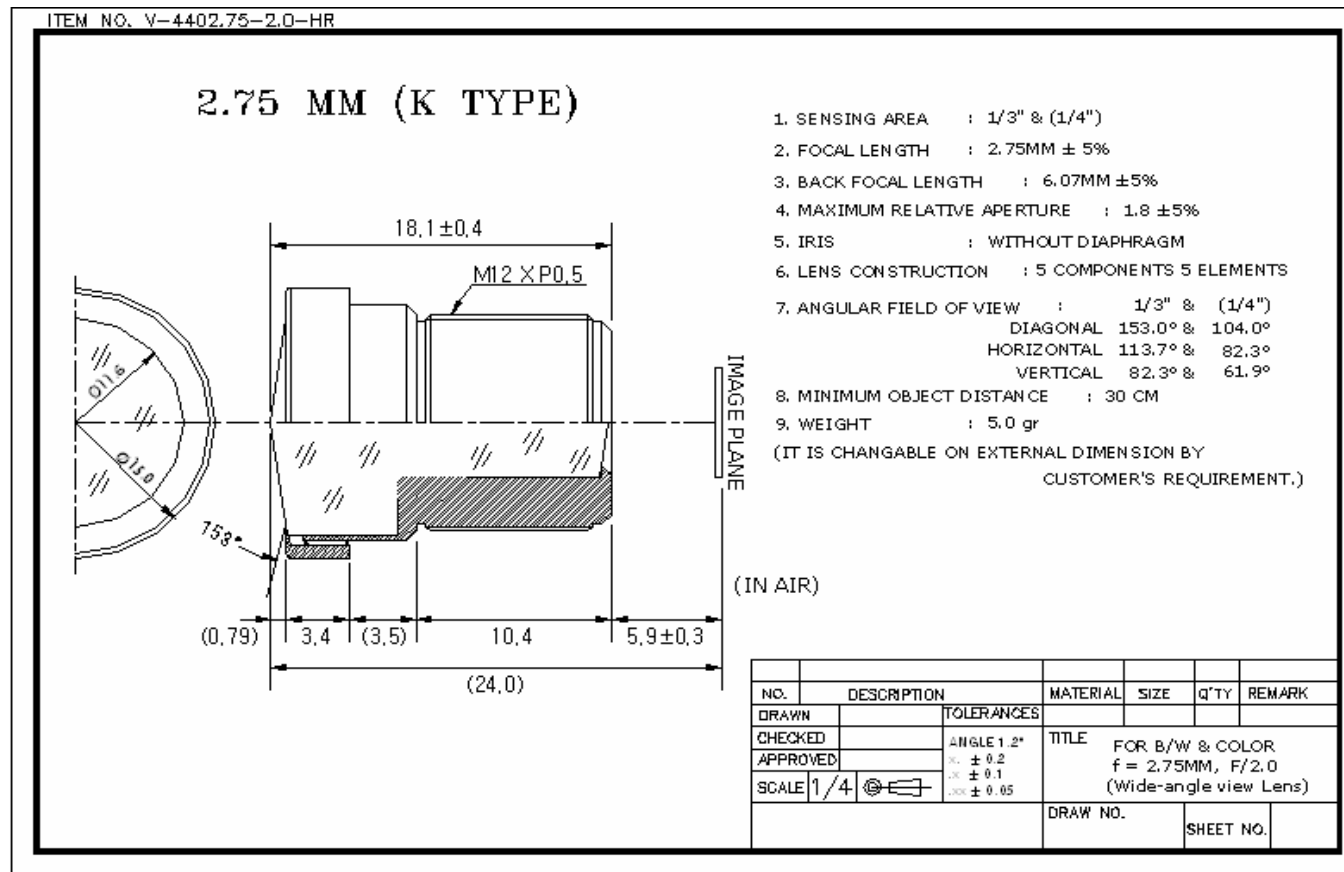
Website: www.mars-cam.com

Email: sales@mars-cam.com

V-4402.75-2.0-HR Lens

2.75mm F2.0 High Resolution CCTV Lens

Specification Sheet Date



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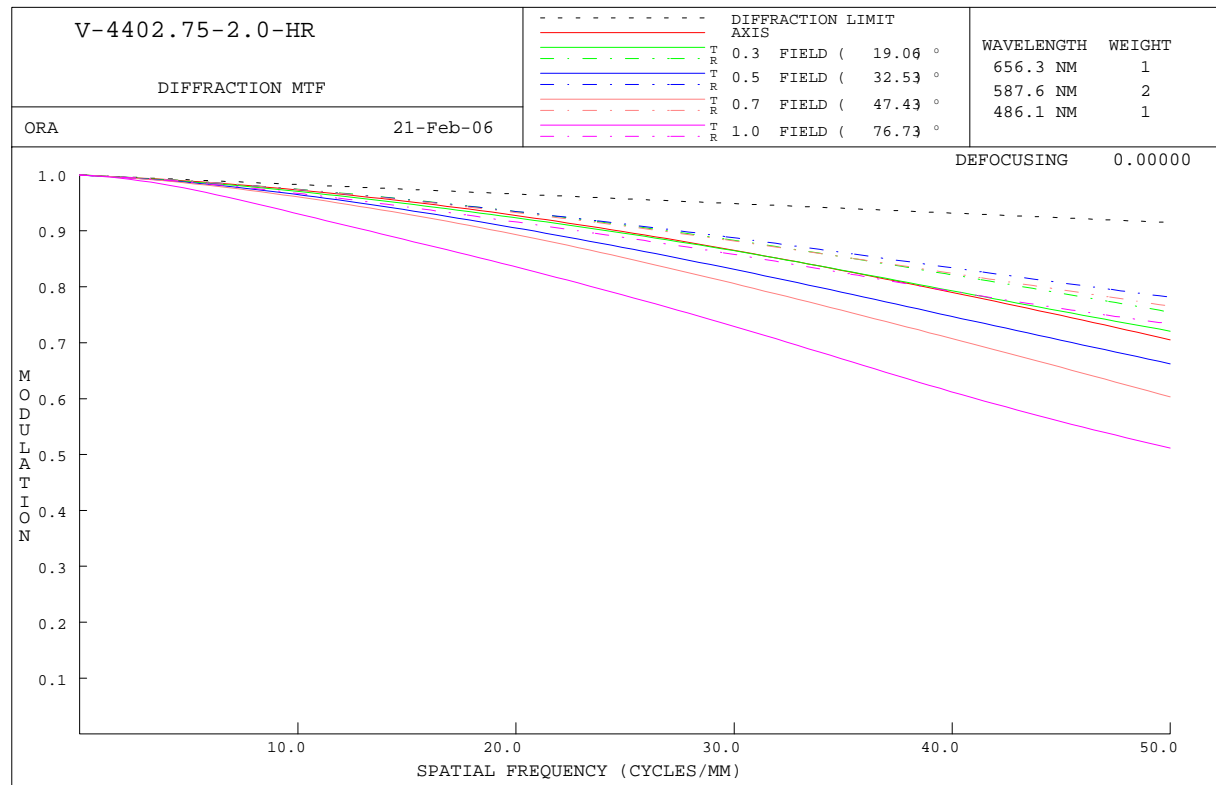
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MTF(modulation transfer function)



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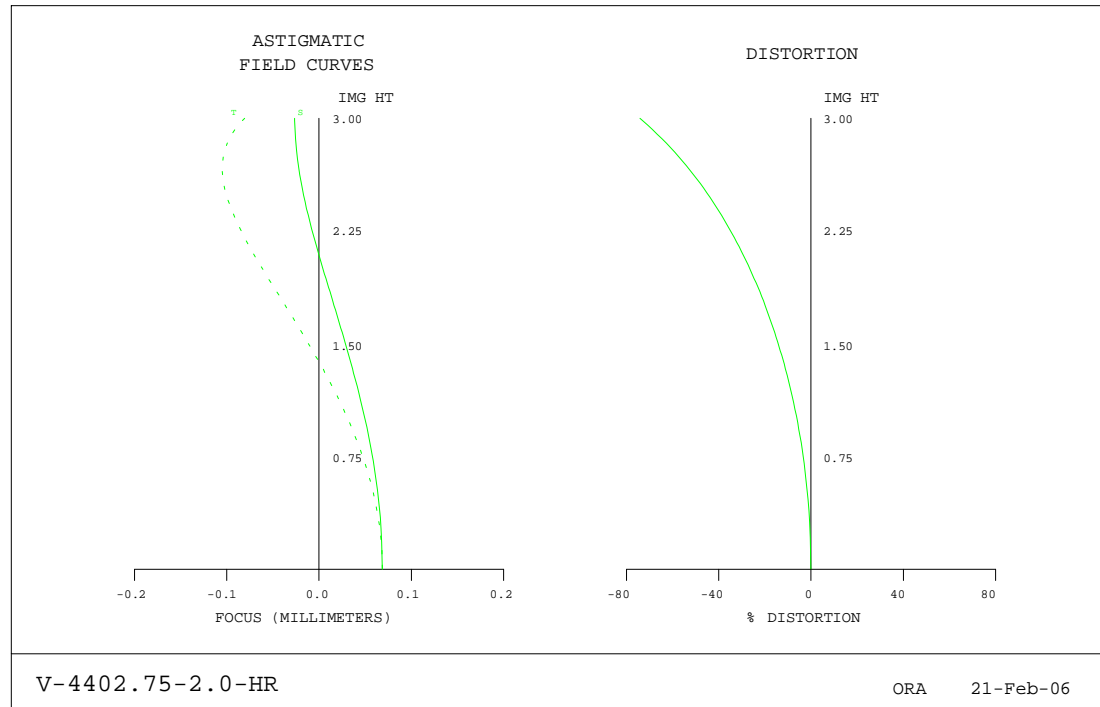
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Optical Distortion



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ROTATIONALLY SYMMETRIC FIELD ABERRATIONS

POSITION 1 V-4402.75-2.0-HR

WAVELENGTH 587.6 NM

RELATIVE FIELD HEIGHT	IMG HT	X-FOCUS AT THE IMAGE SURFACE	Y-FOCUS	X-FOCUS (DISPLACED BY	Y-FOCUS 0.000000)	DISTORTION (PER CENT)
0.00	0.00	0.068660	0.068660	0.068660	0.068660	0.00000
0.10	0.30	0.066900	0.065208	0.066900	0.065208	-0.53804
0.20	0.60	0.061699	0.054970	0.061699	0.054970	-2.16589
0.30	0.90	0.053295	0.038299	0.053295	0.038299	-4.92649
0.40	1.20	0.042107	0.015858	0.042107	0.015858	-8.89752
0.50	1.50	0.028764	-0.011242	0.028764	-0.011242	-14.20268
0.60	1.80	0.014162	-0.041184	0.014162	-0.041184	-21.03287
0.70	2.10	-0.000459	-0.070937	-0.000459	-0.070937	-29.68698
0.80	2.40	-0.013412	-0.095249	-0.013412	-0.095249	-40.65841
0.90	2.70	-0.022562	-0.104536	-0.022562	-0.104536	-54.84833
1.00	3.00	-0.026323	-0.080456	-0.026323	-0.080456	-74.25707

Units of focus are MILLIMETERS