



**1X MAGNISTAR BI-TELECENTRIC C-MOUNT LENS**

**SCALE 4 : 3**

MAGNIFICATION: 1.00X  
 IMAGE DIAGONAL: 11 mm (2/3" FORMAT)  
 WORKING DISTANCE: 62.2 mm  
 BACK FOCUS DISTANCE: 21.46 mm  
 WORKING F/#: *f*/11

SYSTEM F/# RANGE: *f*/5.6 - *f*/16  
 TELECENTRICITY: 0.04°  
 F TAN-THETA DISTORTION: 0.002%  
 FIELD DEPTH: 0.9 mm  
 MTF: 42% @ 70 lp/mm ACROSS THE FIELD  
 CTF: 54% @ 70 lp/mm ACROSS THE FIELD  
 IMAGE NA: 0.045  
 OBJECT NA: 0.045  
 C-MOUNT  
 LAT. COLOR: R-G: <1.7µm B-G: <0.05µm  
 AVG. TRANSMITTANCE FROM 486-656nm: 94%

**OUTLINE**

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [MM] AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		PROPRIETARY AND CONFIDENTIAL				
SCALE: 2:1		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF NAVITAR. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF NAVITAR IS PROHIBITED.				
WEIGHT:	0.40 lbmass	0.0 inch 1.0		LENS, 1X BI-TELECENTRIC, MAGNISTAR		
DR BY:	CJH	0.0 mm 25.0				
CH BY:	R. PODLENA	DO NOT SCALE DRAWING				
PROJECT #:	E3095			SIZE	1-24162	REV
DATE DR:	11/12/2013			A		SHEET 2 OF 2