



FOCAL LENGTH = 200.00 mm  
 OBJECT AT INFINITY  
 F-NUMBER = 14.3  
 IMAGE SPACE NA = 0.035  
 ENTRANCE PUPIL DIAMETER = 14.00 mm  
 ENTRANCE PUPIL LOCATION = 103.0 mm IN FRONT OF FIRST SURFACE  
 PUPIL TO SENOR DISTANCE = 316.00 mm  
 BACK FOCUS = 195.2 mm  
 SENSOR DIAGONAL = 23.0 mm  
 MTF CUTOFF FREQUENCY AT SENSOR = 130 lp/mm  
 STREHL RATIO ON AXIS = 0.961  
 STREHL RATIO FULL FIELD = 0.933  
 DISTORTION = 0.14 %  
 RELATIVE ILLUMINATION = 99.8 %

# OUTLINE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [MM] AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	<b>PROPRIETARY AND CONFIDENTIAL</b>			
SCALE: 1:1	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: 0.37 lbmass	0.0 inch 1.0 	TUBE LENS, 200mm(1X)		
DR BY: MLD				
CH BY: CJH		SIZE	1-22770	REV
PROJECT #: E2882	DO NOT SCALE DRAWING	A		
DATE DR: 5/30/2012			SHEET 2 OF 2	A