



FOCAL LENGTH = 100.00 mm  
 OBJECT AT INFINITY  
 F-NUMBER = 7.14  
 IMAGE SPACE NA = 0.070  
 ENTRANCE PUPIL DIAMETER = 14.00 mm  
 ENTRANCE PUPIL LOCATION = 106.0 mm IN FRONT OF FIRST SURFACE  
 PUPIL TO SENSOR DISTANCE = 316.00 mm  
 BACK FOCUS = 131.0 mm  
 SENSOR DIAGONAL = 13.0 mm  
 MTF CUTOFF FREQUENCY AT SENSOR = 220 lp/mm  
 STREHL RATIO ON AXIS = 0.964  
 STREHL RATIO FULL FIELD = 0.800  
 DISTORTION = 0.23 %  
 RELATIVE ILLUMINATION = 99.9 %

# 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: 1.42 lbmass				TUBE LENS, 100mm (.5X)	
DR BY: MLD					
CH BY: CJH					
PROJECT #: E2882		DO NOT SCALE DRAWING		SIZE <b>A</b>	<b>1-22765</b> SHEET 2 OF 2
DATE DR: 5/30/2012					