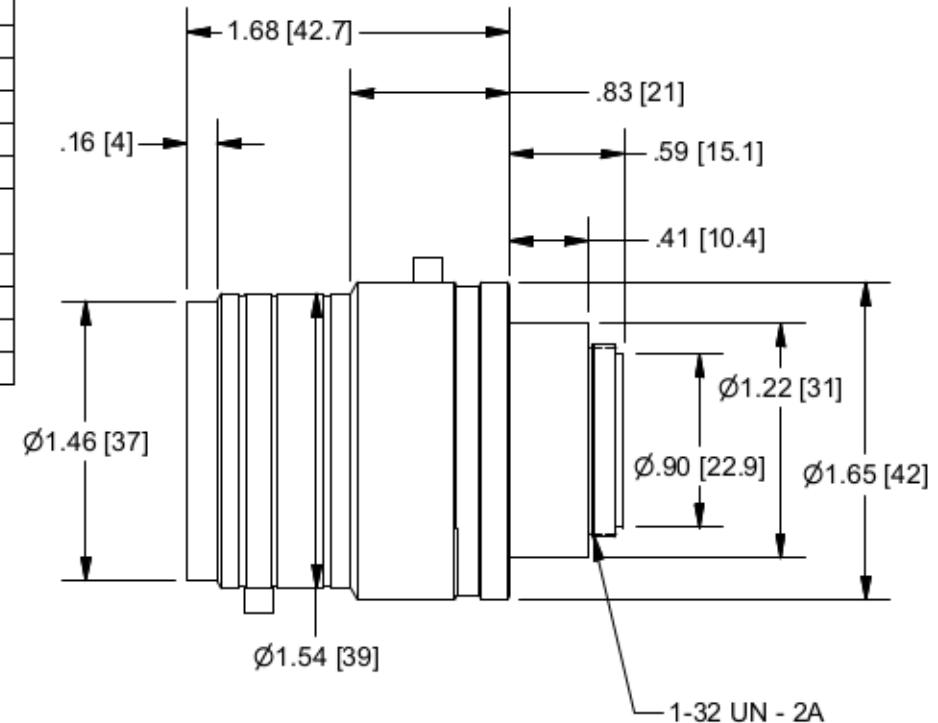


Lens Specifications - SWIR-8			
Specifications	Value	1/2"	1/3"
Focal Length	f = 16mm		
Maximum diameter (Ratio)	F = 1.4:1 ~ 16 ~ Close		
Picture Size	12.8 x 9.6mm	8.8 x 6.6mm	6.4 x 4.8mm
Angle - Vertical	33.6 deg.	23.2deg.	16.9deg.
Horizontal	44.3deg.	30.8deg.	22.5deg.
Diagonal	54.4 deg.	38.3deg.	28.1deg.
Distortion (TV)	-1.0%	-0.7%	-0.4%
Minimum Focus Distance	0.3m		
Flange Back	17.526mm in air		
Back Focus	12.6mm in air		
Filter Screw Size	M35 x 0.5		
Effective Diameter - Front	21.5mm dia.		
- Rear	18.8mm dia.		
Mount	C-Mount		
Exit Pupil	-128.5mm dia.		
Temperature Range	- 10 ~ + 45 deg. C		
Strong Temperature Range	- 40 ~ + 60 deg. C		

REVISION HISTORY				
REV	DESCRIPTION	DATE	DR BY	CH BY
A	RELEASE	11/10/2010	BAE	



## OUTLINE

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES [MM]  
AND INCLUDE CHEMICALLY  
APPLIED OR PLATED FINISHES

SCALE: 1:1

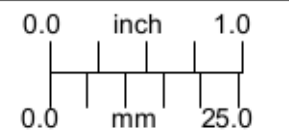
WEIGHT: N/A

DR BY: BAE

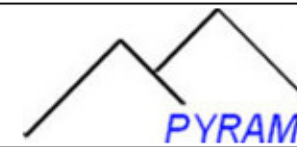
CH BY:

PROJECT #:

DATE DR: 11/10/2010



DO NOT SCALE DRAWING



**PYRAMID IMAGING**

LENS, 16.0MM FL, 1", f/1.4

SIZE  
**A**

**SWIR-16**  
SHEET 1 OF 1

REV  
**A**