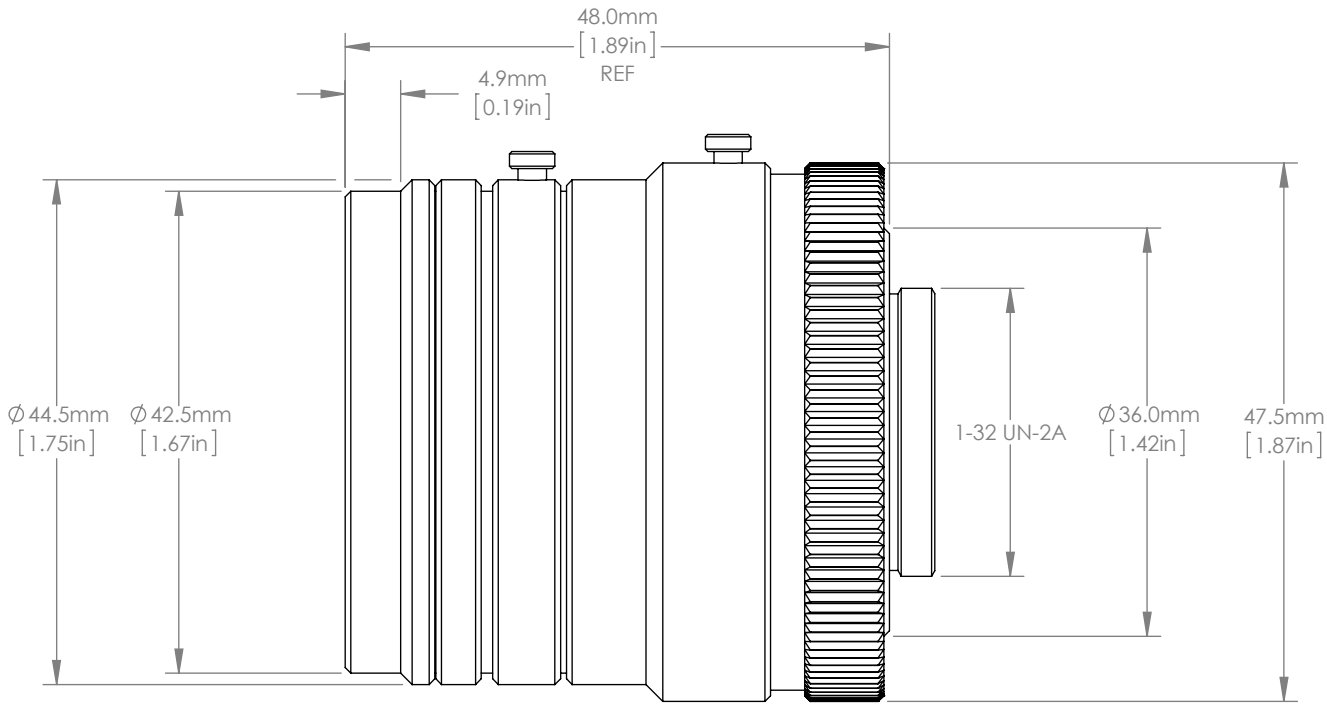




NOTES/SPECIFICATIONS

1. FOCAL LENGTH: 50.0mm
2. F/NUMBER: F/1.41~16
3. IRIS CONTROL: MANUAL, LOCKABLE
4. FOCUS CONTROL: MANUAL, LOCKABLE
5. PICTURE SIZE: 12.8x9.6mm
6. DIAGONAL FULL FIELD OF VIEW: 18.0°
7. MAX TV DISTORTION: -0.05%
8. MINIMUM WORKING DISTANCE: 0.5m
9. MAX OBJECT SIZE AT MINIMUM WORKING DISTANCE: 150mm
10. C-MOUNT FLANGE FOCAL DISTANCE: 17.526mm IN AIR
11. FILTER SCREW SIZE: M40.5x0.5
12. FRONT EFFECTIVE APERTURE: Ø35.0mm
13. REAR EFFECTIVE APERTURE: Ø15.5mm
14. OPERATING TEMPERATURE RANGE: -10~45°C
15. STORAGE TEMPERATURE RANGE: -40~60°C
16. ALL REFERENCED DIMENSIONS VARY WITH FOCAL LENGTH ADJUSTMENT

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	DS	24/FEB/15
APPROVAL	GG	16/OCT/14

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

THORLABS
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50mm EFL, F/1.4,
1" IMAGE FORMAT LENS

MATERIAL	REV
N/A	C

ITEM #	APPROX WEIGHT
MVL50M1	0.22 kg