



NOTES/SPECIFICATIONS

1. FOCAL LENGTH: 12.5mm
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: 67.7°
7. MAX TV DISTORTION: -1.58%
8. MINIMUM WORKING DISTANCE: 0.3m
9. MAX OBJECT SIZE AT MINIMUM WORKING DISTANCE: 410mm
10. C-MOUNT FLANGE FOCAL DISTANCE: 17.526mm IN AIR
11. FILTER SCREW SIZE: M35.5x0.5
12. FRONT EFFECTIVE APERTURE: Ø28.1mm
13. REAR EFFECTIVE APERTURE: Ø17.5mm
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	03/OCT/14
APPROVAL	GG	16/OCT/14

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VALUES IN PARENTHESIS ARE CALCULATED
AND MAY CONTAIN ROUND-OFF ERRORS

THORLABS

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12.5mm EFL, F/1.41
1" IMAGE FORMAT LENS

MATERIAL

N/A

REV
C

ITEM #

MVL12M1

APPROX WEIGHT

0.17 kg