



NOTES/SPECIFICATIONS

1. FOCAL LENGTH: 8.0mm
2. F/NUMBER: F/1.4~16
3. IRIS CONTROL: MANUAL, LOCKABLE
4. FOCUS CONTROL: MANUAL, LOCKABLE
5. PICTURE SIZE: 8.8x6.6mm
6. DIAGONAL FULL FIELD OF VIEW: 67.0°
7. MAX TV DISTORTION: -0.6%
8. MINIMUM WORKING DISTANCE: 0.12m
9. MAX OBJECT SIZE AT MINIMUM WORKING DISTANCE: 100mm
10. C-MOUNT FLANGE FOCAL DISTANCE: 17.526mm IN AIR
11. FILTER SCREW SIZE: M27x0.5
12. FRONT EFFECTIVE APERTURE: $\varnothing 17.2\text{mm}$
13. REAR EFFECTIVE APERTURE: $\varnothing 14.6\text{mm}$
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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8.0mm EFL, F/1.4,
2/3" IMAGE FORMAT LENS

MATERIAL

N/A

REV
B

ITEM #

MVL8M23

APPROX WEIGHT

0.11 kg