

TECHSPEC® 8mm UC Series Fixed Focal Length Lens



8mm FL, #33-307



Stock **#33-307** [CONTACT US](#)

- 1 +

A\$377.00

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Iris Option:
Variable

Length (mm):
41.51

Horizontal Field of View, 1/2" Sensor:
59.1mm - 44.7°

Filter Thread:
M43 x0.75 with adapter [#89-940](#)

Maximum Diameter (mm): 34
Outer Diameter (mm): 30
Weight (g): 78
Horizontal Field of View, 1/3" Sensor: 43.4mm - 33.9°
Maximum Rear Protrusion (mm): 4.25
Maximum Image Circle (mm): 8.00
Numerical Aperture NA, Object Side: 0.0306
Horizontal Field of View @ Max Sensor Format: 59.1mm - 44.7°
Number of Elements (Groups): 9 (8)
Front Thread: M34.0 x 0.5 (Male)
Mounting Diameter (mm): 30.0
Horizontal Field of View, 1/2.5" Sensor: 53.1mm - 40.7°
Optimized Sensor Format: 1/2.5"
Type: Fixed Focal Length Lens
Focal Length FL (mm): 8.00
Primary Magnification PMAG: 0.114
Maximum Sensor Format: 1/2"
Working Distance (mm): 50 - ∞
Mount: C-Mount
Aperture (f/#): f/1.8 - f/11
Coating: λ/4 MgF ₂
Coating Specification: λ/4 MgF ₂
Entrance Pupil Position (mm): 22.07
Horizontal Field of View, 1/4" Sensor: 32.2mm - 25.6°
Object Space Principal Plane (mm): 27.98
Image Space Principal Plane (mm): 1.77
Field of View at Max Sensor Format: Horizontal: 59.1mm - 44.7° Vertical: 43.4mm - 33.9° Diagonal: 76mm - 55°
Maximum Distortion (%): -3.92
Maximum Length (mm): 40.61
Exit Pupil Position (mm): -20.88
Lens Wavelength Range: VIS
Imaging Lens Type: High Performance Lens with Compact Form Factor
Storage Temperature (°C): -20 to +60 For questions regarding operating temperature please contact our support team

Regulatory Compliance

RoHS 2015: Compliant
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Reach 209:
[Compliant](#)

Certificate of Conformance:
[View](#)

