

TECHSPEC® 8.5mm, f/1.3 Cr Series Fixed Focal Length Lens



8.5mm Cr Series Fixed Focal Length Lens

Stock **#36-838** [CONTACT US](#)

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C\$546.00

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Iris Option:
Fixed

Length (mm):
35.40

Horizontal Field of View, 1/2" Sensor:
88.3mm - 43.6°

Horizontal Field of View, 2/3" Sensor:
128.6mm - 60.6°

Filter Thread:
M30.5 x0.50 with required adapter [#89-932](#)

Maximum Diameter (mm): 33.8
Weight (g): 60
Horizontal Field of View, 1/3" Sensor: 64.6mm - 32.6°
Maximum Rear Protrusion (mm): 0.6
Maximum Image Circle (mm): 11.00
Numerical Aperture NA, Object Side: 0.0295
Horizontal Field of View @ Max Sensor Format: 128.6mm - 60.6°
Number of Elements (Groups): 7 (5)
Horizontal Field of View, 1/1.8" Sensor: 101.0mm - 49.2°
Front Thread: M25.5 x0.5 (Male)
Horizontal Field of View, 1/2.5" Sensor: 79.2mm - 39.5°
Type: Fixed Focal Length Lens
Diameter (mm): 33.80
Focal Length FL (mm): 8.50
Primary Magnification PMAG: 0.079
Maximum Sensor Format: 2/3"
Working Distance (mm): 100 - ∞
Mount: C-Mount
Aperture (f/#): f/1.3
Coating: 425 - 675nm BBAR
Coating Specification: 425 - 675nm BBAR
Entrance Pupil Position (mm): 8.22
Horizontal Field of View, 1/4" Sensor: 47.8mm - 24.4°
Object Space Principal Plane (mm): 14.08
Image Space Principal Plane (mm): 6.67
Field of View at Max Sensor Format: Horizontal: 124.9mm - 60.7° Vertical: 88.9mm - 45° Diagonal: 169.4mm - 77°
Maximum Distortion (%): -18.51
Exit Pupil Position (mm): -12.23
Lens Wavelength Range: VIS
Imaging Lens Type: Ruggedized to Withstand 50g of Shock
Storage Temperature (°C): -20 to +60 For questions regarding operating temperature please contact our support team

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View