

TECHSPEC® 8.0mm FL f/8 Rugged Blue Series M12 Lens



8mm FL Rugged Blue Series M12 Lens



Stock **#36-367** ☐ In Stock

1 **£85.00**

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£85.00

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Length (mm):
12.30

Maximum Diameter (mm):
14

Outer Diameter (mm):
14

Weight (g):

3
Horizontal Field of View, 1/3" Sensor: 94.0mm - 34.2°
Maximum Image Circle (mm): 6.00
Numerical Aperture NA, Object Side: 0.0032
Horizontal Field of View @ Max Sensor Format: 94.0mm - 34.2°
Number of Elements (Groups): 5(5)
Wavelength Range (nm): 400 - 700
Type: M12 Imaging Lens
Focal Length FL (mm): 8.00
Primary Magnification PMAG: 0.053X
Maximum Sensor Format: 1/3"
Working Distance (mm): 150 - ∞
Mount: M12 x 0.5 (S-Mbunt)
Aperture (f/#): f/8
Distortion (%): -3.63 @ Full Field
Back Focal Length BFL (mm): 8.8 - 8.6
Coating Specification: λ/4 MgF ₂ @ 550nm
Entrance Pupil Position (mm): 5.04
Horizontal Field of View, 1/4" Sensor: 69.8mm - 25.7°
Object Space Principal Plane (mm): 8.13
Image Space Principal Plane (mm): 0.94
Field of View at Max Sensor Format: Horizontal: 92.8mm - 34.2° Vertical: 68.9mm - 25.7° Diagonal: 117.5mm - 42.6°
IR Cut Filter: No
Exit Pupil Position (mm): -4.09
Lens Wavelength Range: VIS

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View