

TECHSPEC®

50mm, f/4.0 Ci Series Fixed Focal Length Lens



50mm Focal Length

Stock **#86-616** ☐ In Stock



1



C\$574.00

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Iris Option:

Fixed

Length (mm):

49.50

Horizontal Field of View, 1/2" Sensor:

31.1mm - 7.3°

Horizontal Field of View, 2/3" Sensor:

42.8mm - 10.0°
Filter Thread: M30.5 x0.50 with required adapter #89-943
Maximum Diameter (mm): 30.5
Weight (g): 63
Horizontal Field of View, 1/3" Sensor: 23.3mm - 5.5°
Maximum Rear Protrusion (mm): 2.06
Maximum Image Circle (mm): 11.00
Numerical Aperture NA, Object Side: 0.0217
Horizontal Field of View @ Max Sensor Format: 42.8mm - 10.0°
Number of Elements (Groups): 6 (4)
Horizontal Field of View, 1/1.8" Sensor: 35.0mm - 8.2°
Front Thread: M30.5 x0.5 (Male)
Horizontal Field of View, 1/2.5" Sensor: 28.2mm - 6.6°
Type: Fixed Focal Length Lens
Diameter (mm): 26.50
Focal Length FL (mm): 50.00
Primary Magnification PMAG: 0.207
Maximum Sensor Format: 2/3"
Working Distance (mm): 250 - ∞
Mount: C-Mount
Aperture (f/#): f/4
Coating: 425 - 675nm BBAR
Coating Specification: 425 - 675nm BBAR
Entrance Pupil Position (mm): 35.62
Horizontal Field of View, 1/4" Sensor: 17.5mm - 4.1°
Object Space Principal Plane (mm): 39.89
Image Space Principal Plane (mm): -36.26
Field of View at Max Sensor Format: Horizontal: 42.7mm - 10° Vertical: 32mm - 7.5° Diagonal: 53.5mm - 12.5°
Maximum Distortion (%): 0.26
Exit Pupil Position (mm): -40.93
Lens Wavelength Range: VIS
Storage Temperature (°C): -20 to +60 For questions regarding operating temperature please contact our support team

Regulatory Compliance

RoHS 2015: Compliant
REACH 201: Compliant
Certificate of Conformance: View

