

TECHSPEC® 50mm, f/7, Liquid Lens Cx Series Fixed Focal Length Lens



50mm, f/7, Liquid Lens CxSeries Fixed Focal Length Lens, #33-687



Stock **#33-687** 3-5 DAYS

- 1 +

A\$483.00

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Note: This item requires accessories for use | [Learn More](#)

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Iris Option:
Fixed

Length (mm):
54.70

Horizontal Field of View, 1/2" Sensor:
32.5mm - 6.7°

Horizontal Field of View, 2/3" Sensor: 44.7mm - 9.2°
Filter Thread: M25.5 x0.50 with adapter #89-941
Maximum Diameter (mm): 30.5
Outer Diameter (mm): 30.5
Weight (g): 72
Horizontal Field of View, 1/3" Sensor: 24.4mm - 5.0°
Maximum Rear Protrusion (mm): 0
Maximum Image Circle (mm): 11.00
Numerical Aperture NA, Object Side: 0.0128
Number of Elements (Groups): 7 (5)
Note: Separate driver not included. Electronic development kit #17-123 recommended. When using a Maxim driver board (#12-247, #12-248, or #17-172) the jumper at ST2 must be removed before use to ensure optimal performance and product lifetime. Watch this video for more information.
Horizontal Field of View, 1/1.8" Sensor: 36.6mm - 7.5°
Horizontal Field of View, 1/2.5" Sensor: 29.5mm - 6.1°
Type: Fixed Focal Length Lens
Focal Length FL (mm): 50.00
Primary Magnification PMAQ: 0.212
Maximum Sensor Format: 2/3"
Working Distance (mm): 250 - ∞
Mount: C-Mount
Aperture (f/#): f/7
Coating Specification: 425 - 675nm BBAR
Entrance Pupil Position (mm): 25.16
Object Space Principal Plane (mm): 46.27
Image Space Principal Plane (mm): -41.22
Field of View at Max Sensor Format: Horizontal: 42mm - 9.4° Vertical: 31.5mm - 7° Diagonal: 52.6mm - 11.7°
Maximum Distortion (%): 0.17
Integrated Liquid Lens Model: Corning® Varioptic® A-39N0
Exit Pupil Position (mm): -76.82
Lens Wavelength Range: VIS
Imaging Lens Type: Integrated Liquid Lens to Adjust Focus Electronically
Storage Temperature (°C): -20 to +60 For questions regarding operating temperature please contact our support team

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View

