

TECHSPEC® 100mm CA Series Fixed Focal Length Lens



100mm CA Series Fixed Focal Length Lens

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1

C\$1,344.00

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Iris Option:
Variable

Length (mm):
132.97

Horizontal Field of View, 1/2" Sensor:
28.8mm - 3.7°

Horizontal Field of View, 2/3" Sensor:
40.1mm - 5.0°

Filter Thread:
M46 x0.75 (Female)

Maximum Diameter (mm): 61
Outer Diameter (mm): 61
Weight (g): 597
Horizontal Field of View, 1/3" Sensor: 21.9mm - 2.7°
Maximum Rear Protrusion (mm): 0
Horizontal Field of View, 1" Sensor: 57.6mm - 7.3°
Maximum Image Circle (mm): 27.90
Numerical Aperture NA, Object Side: 0.0318
Horizontal Field of View, 4/3" Sensor: 78.8mm - 9.8°
Horizontal Field of View, 1.1" Sensor: 64.7mm - 8.1°
Number of Elements (Groups): 8 (5)
Horizontal Field of View, 1/1.8" Sensor: 32.8mm - 4.1°
Horizontal Field of View, 1/2.5" Sensor: 26.4mm - 3.3°
Type: Fixed Focal Length Lens
Focal Length FL (mm): 100.00
Primary Magnification PMAG: 0.22
Maximum Sensor Format: APS-C
Working Distance (mm): 500 - ∞
Mount: TFL-Mount
Aperture (f/#): f/2.8 - f/22
Coating: λ/4 MgF ₂
Coating Specification: λ/4 MgF ₂
Entrance Pupil Position (mm): 56.63
Horizontal Field of View, 1/4" Sensor: 16.4mm - 2.1°
Object Space Principal Plane (mm): 48.89
Image Space Principal Plane (mm): -51.79
Field of View at Max Sensor Format: Horizontal: 101.7mm - 12.7° Vertical: 76.3mm - 9.6° Diagonal: 127.2mm - 15.9°
Maximum Distortion (%): 0.05
Horizontal Field of View, APS-C Sensor: 102.1mm - 12.7°
Exit Pupil Position (mm): -44.61
Lens Wavelength Range: VIS
Imaging Lens Type: High Performance Lens
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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Certificate of Conformance:
[View](#)

Reach 235:
[Compliant](#)

