

TECHSPEC® 50mm Focal Length, LF Series Fixed Focal Length Lens



50mm Focal Length, #85-203

Stock **#85-203** 3-5 DAYS

⊖ 1 ⊕

\$S\$1,387.00

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Iris Option:
Variable

Length (mm):
43.00

Horizontal Field of View, 1/2" Sensor:
63.6mm - 7.3°

Horizontal Field of View, 2/3" Sensor:
87.5mm - 10.1°

Filter Thread:
M43 x0.75 (Female)

Maximum Diameter (mm): 56
Weight (g): 223
Horizontal Field of View, 1/3" Sensor: 47.7mm - 5.5°
Maximum Rear Protrusion (mm): 10.6
Horizontal Field of View, 1" Sensor: 127.4mm - 14.6°
Maximum Image Circle (mm): 43.30
Numerical Aperture NA, Object Side: 0.0238
Horizontal Field of View @ Max Sensor Format: 362.7mm - 39.9°
Horizontal Field of View, 35mm Sensor: 362.7mm - 39.9°
Horizontal Field of View, 4/3" Sensor: 223.8mm - 25.3°
Horizontal Field of View, 1.1" Sensor: 141.4mm - 16.2°
Number of Elements (Groups): 7 (5)
Horizontal Field of View, 1/1.8" Sensor: 71.6mm - 8.2°
Horizontal Field of View, 1/2.5" Sensor: 57.6mm - 6.6°
Type: Fixed Focal Length Lens
Focal Length FL (mm): 50.00
Primary Magnification PMAG: 0.101
Maximum Sensor Format: 35mm
Working Distance (mm): 500 - ∞
Mount: F-Mount
Aperture (f/#): f/2 - f/22
Coating: λ/4 MgF ₂
Coating Specification: λ/4 MgF ₂
Entrance Pupil Position (mm): 21.93
Horizontal Field of View, 1/4" Sensor: 35.8mm - 4.1°
Object Space Principal Plane (mm): 43.06
Image Space Principal Plane (mm): -12.94
Field of View at Max Sensor Format: Horizontal: 348.7mm - 38.5° Vertical: 260.1mm - 29.3° Diagonal: 438.7mm - 47.2°
Maximum Distortion (%): -0.84
Horizontal Field of View, APS-H Sensor: 292.9mm - 32.7°
Horizontal Field of View, APS-C Sensor: 223.8mm - 25.3°
Exit Pupil Position (mm): -49.53
Lens Wavelength Range: VIS
Imaging Lens Type: Lens for Large Format Sensors
Storage Temperature (°C): -20 to +60 For questions regarding operating temperature please contact our support team

Regulatory Compliance

RoHS 2015:
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