

TECHSPEC®

28mm Short Working Distance, LF Series Fixed Focal Length Lens



28mm Focal Length, #85-199

Stock **#85-199** 10 TO 12 DAYS

⊖ 1 ⊕

₹150,728.00

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Iris Option:
Variable

Length (mm):
106.70

Horizontal Field of View, 1/2" Sensor:
95.9mm - 13.1°

Horizontal Field of View, 2/3" Sensor:
132.0mm - 17.9°

Filter Thread:
M67 x0.75 (Female)

Maximum Diameter (mm): 71
Weight (g): 546
Horizontal Field of View, 1/3" Sensor: 71.9mm - 9.8°
Maximum Rear Protrusion (mm): 33
Horizontal Field of View, 1" Sensor: 192.4mm - 25.9°
Maximum Image Circle (mm): 43.30
Numerical Aperture NA, Object Side: 0.0114
Horizontal Field of View @ Max Sensor Format: 553.5mm - 67.0°
Horizontal Field of View, 35mm Sensor: 553.5mm - 67.0°
Horizontal Field of View, 4/3" Sensor: 261.0mm - 34.6°
Horizontal Field of View, 1.1" Sensor: 213.7mm - 28.6°
Number of Elements (Groups): 10 (8)
Note: Optimized Working Distance: 400 - 700mm
Horizontal Field of View, 1/1.8" Sensor: 107.9mm - 14.7°
Horizontal Field of View, 1/2.5" Sensor: 86.9mm - 11.8°
Type: Fixed Focal Length Lens
Focal Length FL (mm): 28.00
Primary Magnification PMAG: 0.067
Maximum Sensor Format: 35mm
Working Distance (mm): 400 - ∞
Mount: F-Mount
Aperture (f/#): f/2.8 - f/22
Coating: λ/4 MgF ₂
Coating Specification: λ/4 MgF ₂
Entrance Pupil Position (mm): 29.89
Horizontal Field of View, 1/4" Sensor: 53.9mm - 7.4°
Object Space Principal Plane (mm): 39.73
Image Space Principal Plane (mm): -16.03
Field of View at Max Sensor Format: Horizontal: 532.1mm - 65° Vertical: 395.4mm - 50.6° Diagonal: 669.4mm - 77.4°
Maximum Distortion (%): -3.28
Horizontal Field of View, APS-H Sensor: 445.9mm - 56.1°
Horizontal Field of View, APS-C Sensor: 339.6mm - 44.2°
Exit Pupil Position (mm): -31.18
Optimized Working Distance (mm): 400 - 700
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:
[Compliant](#)

REACH 201:
[Compliant](#)

Certificate of Conformance:
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