

TECHSPEC®

1.75X LS Series Area Scan Lens



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Stock **#35-451** [CONTACT US](#)



1



£3,638.00

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Qty 1+

£3,638.00

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Field of View, 28.7mm Sensor:
16.4mm

Iris Option:
Variable

Length (mm):
125.30

Maximum Diameter (mm):
75

Numerical Aperture NA:

0.097
Maximum Rear Protrusion (mm): 0
Maximum Image Circle (mm): 82.00
Numerical Aperture NA, Object Side: 0.0973
Horizontal Field of View @ Max Sensor Format: 46.9mm
Horizontal Field of View, 35mm Sensor: 20.6mm
Number of Elements (Groups): 12 (7)
Note: Window is included. Length includes window. Specifications are at primary magnification.
Mounting Diameter (mm): 75
Optimized Sensor Format: 62.5mm
Type: Fixed Focal Length Lens
Focal Length FL (mm): 99.00
Primary Magnification PMAQ: 1.65X- 1.85X
Maximum Sensor Format: 82mm
Working Distance (mm): 62.60
Mount: V-70 Mbunt
Aperture (f/#): f/3.2 - f/22
Coating: 425 - 675 BBAR VIS
Coating Specification: 425 - 675nm BBAR
Entrance Pupil Position (mm): 90.62
Object Space Principal Plane (mm): 88.34
Image Space Principal Plane (mm): -79.41
Field of View at Max Sensor Format: Horizontal: 37.6mm - 13.2° Vertical: 28.2mm - 10° Diagonal: 47mm - 16.7°
Maximum Distortion (%): 0.05
Horizontal Field of View, APS-H Sensor: 16.7mm
Field of View, 57.7mm Sensor : 33mm
Relative Illumination: >97%
Total Track (mm): 379.60
Field of View, 82mm Sensor: 46.9mm
Field of View, 62.5mm Sensor : 35.7mm
Beamsplitter / Line Scan: No
Exit Pupil Position (mm): -76.74
Lens Wavelength Range: VIS

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View

