

TECHSPEC® 8.5mm f/1.8, 75mm-∞ Primary WD, HRi Series Fixed Focal Length Lens



8.5mm f/1.8, 2/3" HPi Series Fixed Focal Length Lens, #36-747



Stock **#36-747** ☐ In Stock

1

C\$1,022.00

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Iris Option:
Fixed

Length (mm):
44.57

Horizontal Field of View, 1/2" Sensor:
71.9mm - 42.2°

Horizontal Field of View, 2/3" Sensor:
101.4mm - 56.8°

Filter Thread: M58 x0.75 with adapter #87-425
Maximum Diameter (mm): 40
Weight (g): 84
Horizontal Field of View, 1/3" Sensor: 53.2mm - 32.0°
Maximum Rear Protrusion (mm): 1.31
Maximum Image Circle (mm): 11.00
Numerical Aperture NA, Object Side: 0.0249
Horizontal Field of View @ Max Sensor Format: 101.4mm - 56.8°
Number of Elements (Groups): 9 (8)
Horizontal Field of View, 1/1.8" Sensor: 81.5mm - 47.2°
Front Thread: M40 x0.5 (Male)
Horizontal Field of View, 1/2.5" Sensor: 64.8mm - 38.4°
Type: Fixed Focal Length Lens
Focal Length FL (mm): 8.50
Primary Magnification PMAG: 0.092
Maximum Sensor Format: 2/3"
Working Distance (mm): 75 - ∞
Mount: C-Mount
Aperture (f/#): f/1.8
Coating: 425 - 675nm BBAR
Coating Specification: 425 - 675nm BBAR
Entrance Pupil Position (mm): 18.85
Horizontal Field of View, 1/4" Sensor: 39.6mm - 24.1°
Object Space Principal Plane (mm): 25.03
Image Space Principal Plane (mm): 4.70
Field of View at Max Sensor Format: Horizontal: 101.4mm - 56.8° Vertical: 74.2mm - 43.5° Diagonal: 130.5mm - 68.9°
Maximum Distortion (%): -5.6
Exit Pupil Position (mm): -17.93
Optimized Working Distance (mm): 75 - ∞
Lens Wavelength Range: VIS
Storage Temperature (°C): -20 to +60 For questions regarding operating temperature please contact our support team

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View