

TECHSPEC® 16mm f/4, HPr Series Fixed Focal Length Lens



16mm HPr Series Fixed Focal Length Lens

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1

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Iris Option:
Fixed

Length (mm):
64.20

Horizontal Field of View, 1/2" Sensor:
49.4mm - 22.1°

Horizontal Field of View, 2/3" Sensor:
68.4mm - 30.1°

Filter Thread:
M46.0 x0.75 (Female)

Maximum Diameter (mm): 48
Weight (g): 138
Horizontal Field of View, 1/3" Sensor: 36.9mm - 16.6°
Maximum Rear Protrusion (mm): 0
Horizontal Field of View, 1" Sensor: 101.3mm - 43.2°
Maximum Image Circle (mm): 17.60
Numerical Aperture NA, Object Side: 0.0159
Horizontal Field of View @ Max Sensor Format: 127mm - 53°
Horizontal Field of View, 1.1" Sensor: 113.4mm - 47.6°
Number of Elements (Groups): 9 (7)
Horizontal Field of View, 1/1.8" Sensor: 55.7mm - 24.8°
Horizontal Field of View, 1/2.5" Sensor: 44.7mm - 20.0°
Type: Fixed Focal Length Lens
Focal Length FL (mm): 16.00
Primary Magnification PMAG: 0.131
Maximum Sensor Format: 1.1"
Working Distance (mm): 100 - ∞
Mount: C-Mount
Aperture (f/#): f/4
Coating: N4 MgF ₂
Coating Specification: N4 MgF ₂
Entrance Pupil Position (mm): 27.28
Horizontal Field of View, 1/4" Sensor: 27.6mm - 12.5°
Object Space Principal Plane (mm): 40.34
Image Space Principal Plane (mm): 4.08
Field of View at Max Sensor Format: Horizontal: 112.4mm - 47.2° Vertical: 82.7mm - 35.9° Diagonal: 144.7mm - 58°
Maximum Distortion (%): -3.76
Exit Pupil Position (mm): -58.81
Optimized Working Distance (mm): 400 - 2000
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