

TECHSPEC® 12mm, f/1.8 Cr Series Fixed Focal Length Lens



12mm Cr Series Fixed Focal Length Lens

Stock **#35-155** ☒ In Stock



1



C\$546.00

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Iris Option:
Fixed

Length (mm):
31.91

Horizontal Field of View, 1/2" Sensor:
58.3mm - 30.4°

Horizontal Field of View, 2/3" Sensor:
80.9mm - 41.2°

Filter Thread:
M30.5 x0.50 with required adapter [#89-942](#)

Maximum Diameter (mm): 33.8
Weight (g): 54
Horizontal Field of View, 1/3" Sensor: 43.5mm - 22.9°
Maximum Rear Protrusion (mm): 0.31
Maximum Image Circle (mm): 11.00
Numerical Aperture NA, Object Side: 0.0292
Horizontal Field of View @ Max Sensor Format: 80.9mm - 41.2°
Number of Elements (Groups): 7 (7)
Horizontal Field of View, 1/1.8" Sensor: 65.8mm - 34.0°
Front Thread: M25.5 x0.5 (Male)
Horizontal Field of View, 1/2.5" Sensor: 52.8mm - 27.6°
Type: Fixed Focal Length Lens
Diameter (mm): 33.80
Focal Length FL (mm): 12.00
Primary Magnification PMAG: 0.111
Maximum Sensor Format: 2/3"
Working Distance (mm): 98 - ∞
Mount: C-Mount
Aperture (f/#): f/1.8
Coating: 425 - 675nm BBAR
Coating Specification: 425 - 675nm BBAR
Entrance Pupil Position (mm): 11.01
Horizontal Field of View, 1/4" Sensor: 32.6mm - 17.2°
Object Space Principal Plane (mm): 17.32
Image Space Principal Plane (mm): 1.98
Field of View at Max Sensor Format: Horizontal: 81.2mm - 41.2° Vertical: 60.4mm - 31.3° Diagonal: 102.1mm - 50.5°
Maximum Distortion (%): -2.09
Exit Pupil Position (mm): -11.38
Lens Wavelength Range: VIS
Imaging Lens Type: Ruggedized to Withstand 50g of Shock
Storage Temperature (°C): -20 to +60 For questions regarding operating temperature please contact our support team

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View