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TECHSPEC® 8.5mm, f/2.8 Cr Series Fixed Focal Length Lens



8.5mm Cr Series Fixed Focal Length Lens



Stock **#36-840** [CONTACT US](#)

⊖ 1 ⊕ **A\$339⁰⁰**

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Qty 1+	A\$339.00 each
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General

Cr Series **Product Family:**
Fixed Focal Length Lens **Type:**

Physical & Mechanical Properties

Fixed **Iris Option:**

35.40	Length (mm):
33.8	Maximum Diameter (mm):
33.8	Outer Diameter (mm):
60	Weight (g):
0.6	Maximum Rear Protrusion (mm):
33.80	Diameter (mm):

Optical Properties

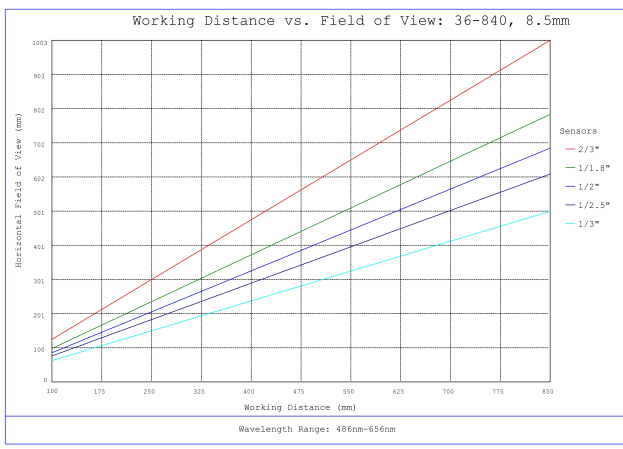
128.6mm - 60.6°	Horizontal Field of View @ Max Sensor Format:
Horizontal: 124.9mm - 60.7° Vertical: 88.9mm - 45° Diagonal: 169.3mm - 77°	Field of View at Max Sensor Format:
128.6mm - 60.6°	Horizontal Field of View, 2/3" Sensor:
101.0mm - 49.2°	Horizontal Field of View, 1/1.8" Sensor:
88.3mm - 43.6°	Horizontal Field of View, 1/2" Sensor:
79.2mm - 39.5°	Horizontal Field of View, 1/2.5" Sensor:
64.6mm - 32.6°	Horizontal Field of View, 1/3" Sensor:
47.8mm - 24.4°	Horizontal Field of View, 1/4" Sensor:
11.00	Maximum Image Circle (mm):
0.0138	Numerical Aperture NA, Object Side:
7 (5)	Number of Elements (Groups):
8.50	Focal Length FL (mm):
100 - ∞	Working Distance (mm):
f/2.8	Aperture (f/#):
425 - 675nm BBAR	Coating:
425 - 675nm BBAR	Coating Specification:
8.22	Entrance Pupil Position (mm):
14.08	Object Space Principal Plane (mm):
6.67	Image Space Principal Plane (mm):
-18.51	Maximum Distortion (%):
-12.23	Exit Pupil Position (mm):
VIS	Lens Wavelength Range:

Sensor

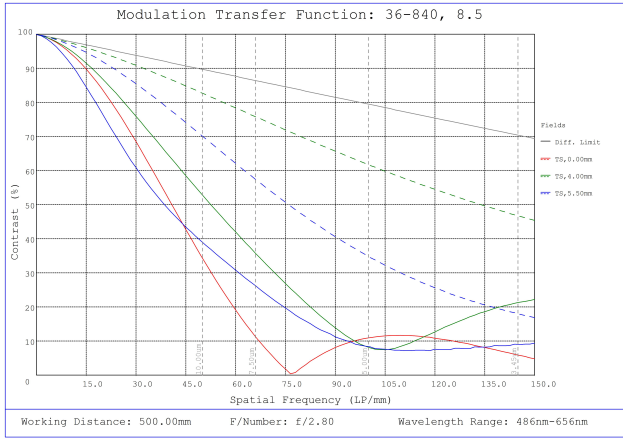
2/3"	Maximum Sensor Format:
2.74	Pixel Size (µm):

Threading & Mounting

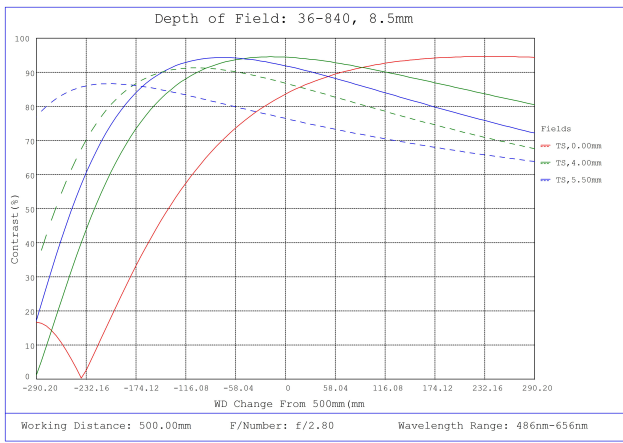
M30.5 x 0.50 (Male)	Filter Thread:
#89-942 (Required)	Filter Thread Adapter:
M25.5 x 0.5 (Male)	Front Thread:



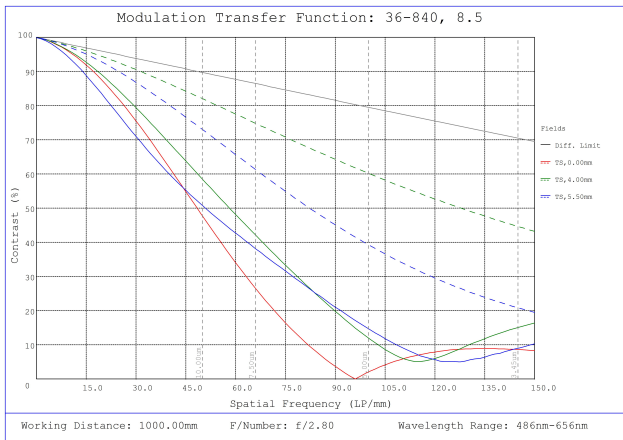
#36-840, 8.5mm, f/2.8 Cr Series Fixed Focal Length Lens, Working Distance versus Field of View Plot



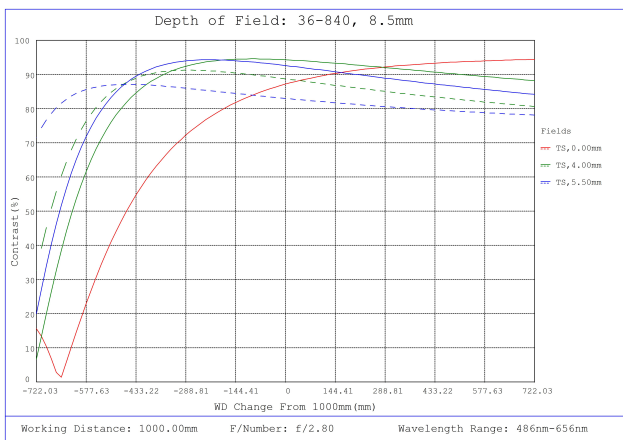
#36-840, 8.5mm, f/2.8 Cr Series Fixed Focal Length Lens, Modulated Transfer Function (MTF) Plot, 500mm Working Distance, f2.8



#36-840, 8.5mm, f/2.8 Cr Series Fixed Focal Length Lens, Depth of Field Plot, 500mm Working Distance, f2.8



#36-840, 8.5mm, f/2.8 Cr Series Fixed Focal Length Lens, Modulated Transfer Function (MTF) Plot, 1000mm Working Distance, f2.8



#36-840, 8.5mm, f/2.8 Cr Series Fixed Focal Length Lens, Depth of Field Plot, 1000mm Working Distance, f2.8

Compatible Cameras