

TECHSPEC®

35mm Focal Length, HP Series Fixed Focal Length Lens



35mm Focal Length, #86-573



Stock **#86-573** ☒ In Stock



1



£488.75

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Iris Option:  
Variable

Length (mm):  
70.97

Horizontal Field of View, 1/2" Sensor:  
41.4mm - 10.4°

Horizontal Field of View, 2/3" Sensor:

|                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------|
| 57.0mm - 14.3°                                                                                                                  |
| <b>Filter Thread:</b><br>M37 x0.75 (Female)                                                                                     |
| <b>Maximum Diameter (mm):</b><br>48.1                                                                                           |
| <b>Outer Diameter (mm):</b><br>48.1                                                                                             |
| <b>Weight (g):</b><br>226                                                                                                       |
| <b>Horizontal Field of View, 1/3" Sensor:</b><br>31.0mm - 7.8°                                                                  |
| <b>Maximum Rear Protrusion (mm):</b><br>1.06                                                                                    |
| <b>Horizontal Field of View, 1" Sensor:</b><br>83.4mm - 20.7°                                                                   |
| <b>Maximum Image Circle (mm):</b><br>17.60                                                                                      |
| <b>Numerical Aperture NA, Object Side:</b><br>0.0402                                                                            |
| <b>Horizontal Field of View @ Max Sensor Format:</b><br>92.8mm - 22.9°                                                          |
| <b>Horizontal Field of View, 1.1" Sensor:</b><br>92.8mm - 22.9°                                                                 |
| <b>Number of Elements (Groups):</b><br>7 (6)                                                                                    |
| <b>Horizontal Field of View, 1/1.8" Sensor:</b><br>46.6mm - 11.7°                                                               |
| <b>Horizontal Field of View, 1/2.5" Sensor:</b><br>37.5mm - 9.5°                                                                |
| <b>Type:</b><br>Fixed Focal Length Lens                                                                                         |
| <b>Focal Length FL (mm):</b><br>35.00                                                                                           |
| <b>Primary Magnification PMAG:</b><br>0.155                                                                                     |
| <b>Maximum Sensor Format:</b><br>1.1"                                                                                           |
| <b>Working Distance (mm):</b><br>200 - ∞                                                                                        |
| <b>Mount:</b><br>C-Mount                                                                                                        |
| <b>Aperture (f/#):</b><br>f/1.8 - f/16                                                                                          |
| <b>Coating:</b><br>λ/4 MgF <sub>2</sub>                                                                                         |
| <b>Coating Specification:</b><br>λ/4 MgF <sub>2</sub>                                                                           |
| <b>Entrance Pupil Position (mm):</b><br>36.78                                                                                   |
| <b>Horizontal Field of View, 1/4" Sensor:</b><br>23.2mm - 5.9°                                                                  |
| <b>Object Space Principal Plane (mm):</b><br>55.84                                                                              |
| <b>Image Space Principal Plane (mm):</b><br>-19.36                                                                              |
| <b>Field of View at Max Sensor Format:</b><br>Horizontal: 92mm - 22.7°<br>Vertical: 68.6mm - 17.1°<br>Diagonal: 116.1mm - 28.1° |
| <b>Maximum Distortion (%):</b><br>0.47                                                                                          |
| <b>Maximum Length (mm):</b><br>65.8                                                                                             |
| <b>Minimum Length (mm):</b><br>60                                                                                               |
| <b>Exit Pupil Position (mm):</b><br>-61.22                                                                                      |
| <b>Lens Wavelength Range:</b><br>VIS                                                                                            |
| <b>Imaging Lens Type:</b><br>High Performance Lens                                                                              |
| <b>Storage Temperature (°C):</b><br>-20 to +60 For questions regarding operating temperature please contact our support team    |

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Regulatory Compliance

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|-----------------------------------------------------|
| RoHS 2015:<br><a href="#">Compliant</a>             |
| Reach 209:<br><a href="#">Compliant</a>             |
| Certificate of Conformance:<br><a href="#">View</a> |

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