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## TECHSPEC® LH Series Fixed Focal Length Lenses



- Compatible with APS-H (35.5mm) and 35mm Full Frame Sensors
- 120 MegaPixels, 2.2 $\mu$ m Pixel Size Sensors
- Large format Lenses for APS-H Sensors (LH)
- Ultra-High Resolution Large Format Lenses

### Common Specifications

#### General

<b>Series:</b>	LH Series	<b>Imaging Lens Type:</b>	Very High Performance Lens
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#### Physical & Mechanical Properties

<b>Iris Option:</b>	Variable	<b>Maximum Diameter (mm):</b>	75
<b>Outer Diameter (mm):</b>	75	<b>Weight (g):</b>	1029
<b>Maximum Rear Protrusion (mm):</b>	0		

#### Optical Properties

<b>Horizontal Field of View @ Max Sensor Format:</b>	312.5mm - 57.8°	<b>Horizontal Field of View, 35mm Sensor:</b>	312.5mm - 57.8°	<b>Horizontal Field of View, APS-H Sensor:</b>	247.3mm - 47.3°
<b>Horizontal Field of View, APS-C Sensor:</b>	185.9mm - 36.4°	<b>Horizontal Field of View, 4/3" Sensor:</b>	142.0mm - 28.2°		

<b>Horizontal Field of View, 1.1" Sensor:</b>	115.9mm - 23.2°	<b>Horizontal Field of View, 1" Sensor:</b>	104.2mm - 20.9°
<b>Horizontal Field of View, 2/3" Sensor:</b>	71.3mm - 14.4°	<b>Horizontal Field of View, 1/1.8" Sensor:</b>	58.3mm - 11.8°
<b>Horizontal Field of View, 1/2" Sensor:</b>	51.8mm - 10.5°	<b>Maximum Image Circle (mm):</b>	43.30
<b>Number of Elements (Groups):</b>	11 (9)	<b>Focal Length FL (mm):</b>	35.00
<b>Working Distance (mm):</b>	250 - ∞	<b>Aperture (f/#):</b>	f/2.8 - f/22
<b>Coating:</b>	λ/4 MgF <sub>2</sub>	<b>Coating Specification:</b>	λ/4 MgF <sub>2</sub>

### Sensor

<b>Optimized Sensor Format:</b>	APS-H	<b>Maximum Sensor Format:</b>	35mm (43.3mm Image Circle)
<b>Pixel Size (μm):</b>	2.20		

### Threading & Mounting

<b>Filter Thread:</b>	M72 x 0.75 (Female)
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## Technical Information

## Products

FL (mm)	Aperture (f/#)	WD (mm)	Optimized Sensor Format	Iris Option	Mount	Stock Number	Price	Buy
35.00	f/2.8 - f/22	250 - $\infty$	APS-H	Variable	F- Mount	<a href="#">#13-808</a>	£2,092.00	10 In Stock
35.00	f/2.8 - f/22	250 - $\infty$	APS-H	Variable	TFL-II Mount	<a href="#">#13-809</a>	£2,092.00	20+ In Stock



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Phone: 1-800-363-1992 :

[www.edmundoptics.com](http://www.edmundoptics.com)