

[All Products](#) / [Imaging Lenses](#) / [Fixed Focal Length Lenses](#)

## TECHSPEC® LH Series Fixed Focal Length Lenses



- Compatible with APS-H (35.5mm) and 35mm Full Frame Sensors
- 120 MegaPixels, 2.2µm 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°

Horizontal Field of View, 1.1" Sensor:	115.9mm - 23.2°	Horizontal Field of View, 1" Sensor:	104.2mm - 20.9°
Horizontal Field of View, 2/3" Sensor:	71.3mm - 14.4°	Horizontal Field of View, 1/1.8" Sensor:	58.3mm - 11.8°
Horizontal Field of View, 1/2" Sensor:	51.8mm - 10.5°	Maximum Image Circle (mm):	43.30
Number of Elements (Groups):	11 (9)	Focal Length FL (mm):	35.00
Working Distance (mm):	250 - ∞	Aperture (f/#):	f/2.8 - f/22
Coating:	λ/4 MgF <sub>2</sub>	Coating Specification:	λ/4 MgF <sub>2</sub>
Sensor			
Optimized Sensor Format:	APS-H	Maximum Sensor Format:	35mm (43.3mm Image Circle)
Pixel Size (μm):	2.20		
Threading & Mounting			
Filter Thread:	M72 x 0.75 (Female)		

**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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