

GAGE301/0292-150-35

High-precision Bi-telecentric Lens

- Large CCD size, high resolution imaging system design;
- FOV from 26mm upto 300mm;
- Low distortion, good telecentricity, big aperture and big depth of field for high end application.



Optical Specifications	
Magnification (x)	0.292
Object Field of View (Φmm)	150
Working Distance (mm)	301±4
Max Sensor Size (Φmm)	44 (35mm)
Best Aperture (F/#)	10
Telecentricity typical (max) (deg)	<0.1
Distortion typical (max) (%)	<0.1
MTF30 (lp/mm)	>80
Depth of Field (mm)	±6
Length of I/O (mm)	757.5

Field of View (mm × mm)	
36.17x24.11w ith KA129050	123.86x82.56
Mechanical Specifications	
Mount	F
Length (mm)	410
Compatible Lighting	
Telecentric LED Lighting	VCL-150-xW-y
	Beam Diameter 150mm

Notes:

- 1.Depth of Field is calculated value, this value could be used for imaging test, but to get sharp image in application, half of calculated value is suggested.
- 2.Length of I/O = WD + Length + Back Focal Length.

