

DTCM430-80H-AL

Large Format Bi-telecentric Lens

- Optimized for 4/3"~44mm M-mount or other mount cameras;
- FOV from 26mm upto 300mm;
- High resolution, low distortion and homogeneous image quality;
- Full test report for each units are provided;
- Customized mounts available.

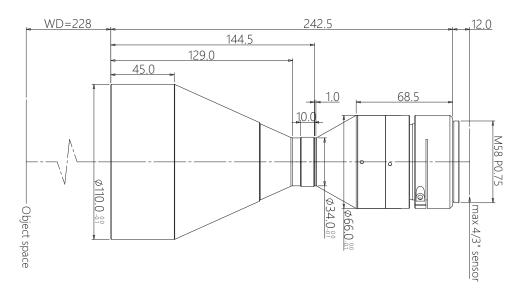
Optical Specifications		
Magnification (x)	0.300	
Object Field of View (Φ mm)	80	
Working Distance (mm)	228±4	
Max Sensor Size (Фmm)	24(4/3")	
Best Aperture (F/#)	7.5	
Telecentricity typical (max) (deg)	<0.1	
Distortion typical (max) (%)	<0.1	
MTF30 (lp/mm)	>120	
Depth of Field (mm)	±7.1@F16	
Length of I/O (mm)	483±4	



Field of View (mm × mm)		
(14.32)	59.5x47.7	
(13.82)	61.4x46.1	
3.73)	61.6x45.8	
Mechanical Specifications		
	M42/M48/M58/F	
	242.5	
	2.4	
Compatible Lighting		
DTCL-80H-xW-y		
Beam Diameter 80Hmm		
	13.82) 3.73) pecifica e Lightir	

Notes:

^{2.} Length of I/O = WD + Length + Back Focal Length.



^{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.