

DTCM71M-100H-M58-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)	0.390
Object Field of View (Φmm)	100
Working Distance (mm)	238±4
Max Sensor Size (Φmm)	39
Best Aperture (F/#)	9.2
Telecentricity typical (max) (deg)	<0.1
Distortion typical (max) (%)	<0.1
MTF30 (lp/mm)	>102
Depth of Field (mm)	±4.2@F16
Length of I/O (mm)	612.9±4

Field of View (mm x mm)	
CHR 70M (31.0x21.7)	79.5x55.6
Mechanical Specifications	
Mount	M58 or other
Length (mm)	362.9
Weight (kg)	3.6
Compatible Lighting	
Telecentric LED Lighting	DTCL-100H-xW-y
	Beam Diameter 100mm

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.

