COOLENS®

DTCM71M-110-M58-AL

Large Format Bi-telecentric Lens

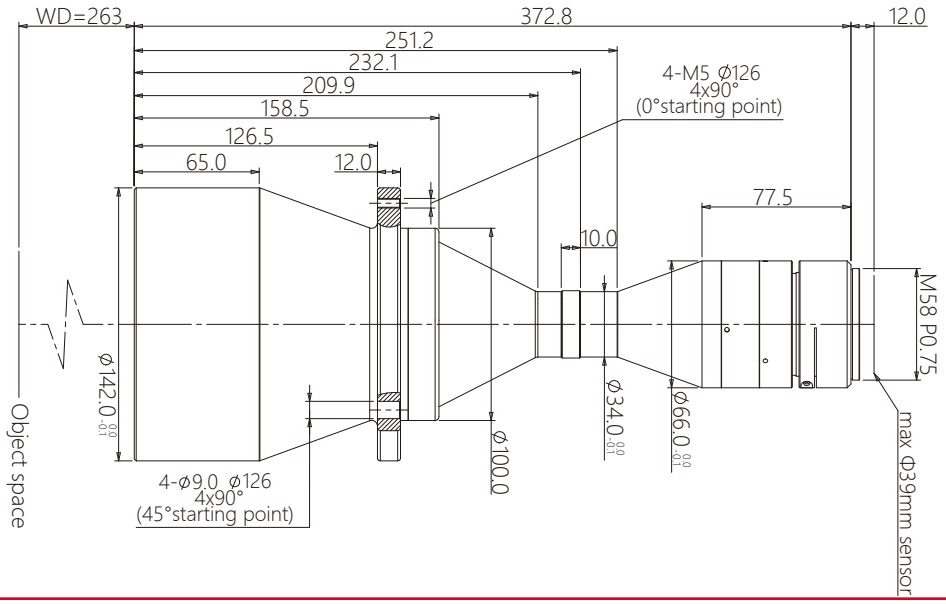
- Optimized for 4/3"~44mm M-mount or other mount cameras;
- FOV from 26mm upto 300mm;
- High resolution, low distortion and homogeneous image quality;
- Full test report for each units are provided;
- Customized mounts available.

Optical Specifications	
Magnification (x)	0.355
Object Field of View (Φmm)	110
Working Distance (mm)	263±4
Max Sensor Size (Φmm)	39
Best Aperture (F/#)	8.3
Telecentricity typical (max) (deg)	<0.1
Distortion typical (max) (%)	<0.1
MTF30 (lp/mm)	>95
Depth of Field (mm)	±5.1@F16
Length of I/O (mm)	648±4

Field of View (mm × mm)	
CHR 70M (31.0x21.7)	87.3x61.1
Mechanical Specifications	
Mount	M58
Length (mm)	372.8
Weight (kg)	3.3
Compatible Lighting	
Telecentric LED Lighting	DTCL-110-xW-y
	Beam Diameter 110mm

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.



oklab