



MY23F

Ultra Wide, No Distortion 5 Megapixel Lens



LINEAR OPTICAL TECHNOLOGY

- ✓ Patented Linear Optical Technology® provides **ultra wide** field of view of 120° for greater coverage with fewer cameras
- ✓ **Metal housing and focus lock** allows the lens to survive high vibration environments. It comes with a thumbscrew and 2 set screws and an optional set screw and allen wrench.
- ✓ **NIR corrected** for **multi-spectral imaging & Day/Night** cameras
- ✓ Supports **5+ megapixel resolution** cameras for demanding applications
- ✓ With **M12, CS or C mount** options convenience & ease of installation
- ✓ Compatible with **1/3", 1/2.7" HD, 1/2.5", 1/2.3" 4K***, and **1/1.8"** sensor sizes

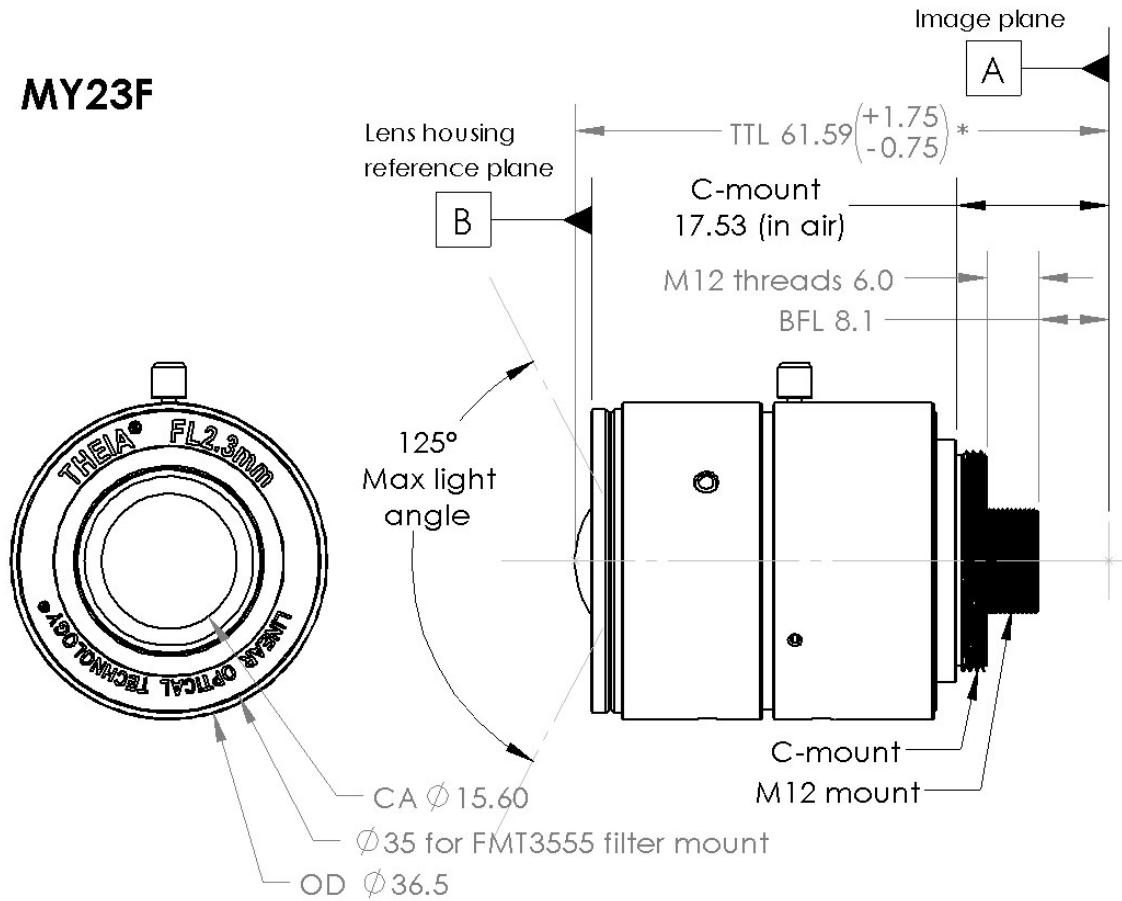
Lenses	MY23F
Mount	Combination C / M12 mount
Focal length	2.3mm
Linear Optical Technology®	Yes (<i>this technology causes the image to be flipped</i>)
Distortion	< 0.5%
Image circle	Ø9.2mm (1/1.8" format)
Resolution	5+ megapixel, 200lp/mm
F/#	F/2.2
IR Correction	430nm to 940nm
Focus range	0.5m to ∞, MOD: 0.1m
Lens length (TTL)	60.8mm (depending on focus position)
Back focal length (BFL)	7.3mm (depending on focus position)
Chief ray angle (CRA)	< 15°
Weight	81g
Operating temperature	-20C to 60C (<70% humidity, non-condensing)
Storage temperature	-30C to 70C (<90% humidity, non-condensing)

Fields of view

Sensor size	1/2.5"	1/2.3"	1/1.8"
Field of view (H)	102°	110°	116°
Field of view (V)	86°	84°	95°
Field of view (D)	114°	119°	126°

Lens drawing

Note: MY23F has both C-mount and M12 mount threads



*Depending on focus distance, infinite focus shown
BFL changes by the same amount

230105 MP