

SURNIA Series



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Focal Length	25mm	50mm
F#	0.86	0.86
Wavelength	7–14 μ	7–14 μ
Image Diagonal (mm)	21	21
Stop size (mm)	26.4	26.4
Stop position (mm)	22.9	22.9
BWD (mm)	35.6	35.6
Flange to F.P. (mm)	39.4	39.4
Mount Type	T	T
***Circular FOV	45°	23°
Weight (g)	400	454
**Min. Obj. Dist. (mm)	200	500
Focus Type	M	M
*Transmission (typical)	95%	93%

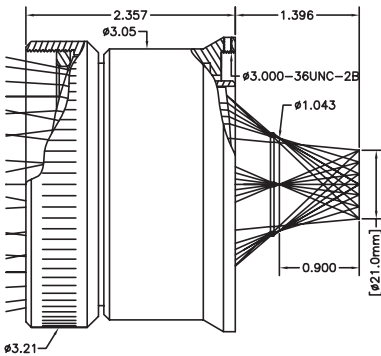
***Based on the listed Image Diagonal, FOV will vary depending on focal plane size.

**Closest an object can be focused in on.

*Over the primary waveband, 8 μ –12 μ .

T = Threaded mount

M = Manual focus



SURNIA Lenses

This line has the fastest F# available among the standard lenses offered, allowing for the maximum amount of energy to reach your focal plane. This line is designed for camera systems with a stop, and longer back working distance, which is common for cooled systems or detectors requiring a radiation shield. However, it can be adapted to most LWIR cameras. This is certainly the lens of choice to get the most out of your infrared imager.